

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077914.D
 Acq On : 15 Dec 2023 20:53
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 05:08:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	120507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81662	57.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.020%			
35) Dibromofluoromethane	7.810	113	86441	57.083	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.160%			
50) Toluene-d8	10.269	98	343884	56.699	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.400%			
62) 4-Bromofluorobenzene	12.575	95	102026	56.266	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66582	44.231	ug/l	93
3) Chloromethane	2.152	50	122226	59.568	ug/l	99
4) Vinyl Chloride	2.287	62	162638	58.387	ug/l	97
5) Bromomethane	2.693	94	111587	71.392	ug/l	98
6) Chloroethane	2.840	64	116828	61.518	ug/l	97
7) Trichlorofluoromethane	3.175	101	130291	50.787	ug/l	93
8) Diethyl Ether	3.593	74	43368	60.201	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	77357	52.708	ug/l	97
10) Methyl Iodide	4.163	142	94121	70.047	ug/l	92
11) Tert butyl alcohol	5.058	59	20227	297.958	ug/l #	83
12) 1,1-Dichloroethene	3.946	96	77789	53.702	ug/l	85
13) Acrolein	3.805	56	37491	249.591	ug/l	99
14) Allyl chloride	4.563	41	110813	55.623	ug/l	92
15) Acrylonitrile	5.252	53	96006	311.266	ug/l	98
16) Acetone	4.022	43	78541	256.782	ug/l	87
17) Carbon Disulfide	4.275	76	247609	50.526	ug/l	100
18) Methyl Acetate	4.569	43	72497	64.826	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	193986	63.120	ug/l	99
20) Methylene Chloride	4.805	84	102322	62.009	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	97348	59.333	ug/l	93
22) Diisopropyl ether	6.222	45	250826	60.248	ug/l	95
23) Vinyl Acetate	6.157	43	575640	283.139	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	164815	58.459	ug/l	97
25) 2-Butanone	7.081	43	107262	276.379	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	129743	54.810	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	109013	61.748	ug/l	93
28) Bromochloromethane	7.428	49	57477	50.452	ug/l #	80
29) Tetrahydrofuran	7.446	42	67474	298.397	ug/l	89
30) Chloroform	7.599	83	171467	60.768	ug/l	97
31) Cyclohexane	7.881	56	122940	48.675	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	141091	56.721	ug/l	99
36) 1,1-Dichloropropene	8.010	75	124772	51.511	ug/l	97
37) Ethyl Acetate	7.169	43	45400	48.069	ug/l	97
38) Carbon Tetrachloride	7.993	117	123404	51.103	ug/l	93
39) Methylcyclohexane	9.275	83	141322	49.215	ug/l	92
40) Benzene	8.252	78	386162	56.171	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077914.D
 Acq On : 15 Dec 2023 20:53
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 05:08:26 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M

Quant Title : SW846 8260

QLast Update : Thu Dec 14 14:48:10 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	24026m	50.050	ug/l	
42) 1,2-Dichloroethane	8.328	62	99057	55.586	ug/l	95
43) Isopropyl Acetate	8.363	43	93753	55.841	ug/l	90
44) Trichloroethene	9.028	130	97365	54.346	ug/l	99
45) 1,2-Dichloropropane	9.310	63	98984	59.228	ug/l	96
46) Dibromomethane	9.393	93	52827	59.740	ug/l	92
47) Bromodichloromethane	9.587	83	129939	57.974	ug/l	94
48) Methyl methacrylate	9.381	41	53898	56.474	ug/l #	80
49) 1,4-Dioxane	9.381	88	10317	1174.977	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	242294	282.769	ug/l	91
52) Toluene	10.334	92	241650	56.666	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	125482	58.300	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	151084	58.058	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	72627	60.044	ug/l	95
56) Ethyl methacrylate	10.598	69	62540	58.654	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	123946	59.448	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	149062	245.143	ug/l	94
59) 2-Hexanone	10.922	43	171024	240.576	ug/l	90
60) Dibromochloromethane	11.075	129	87857	60.330	ug/l	96
61) 1,2-Dibromoethane	11.181	107	66728	58.606	ug/l	98
64) Tetrachloroethene	10.810	164	80347	54.723	ug/l	96
65) Chlorobenzene	11.604	112	256536	54.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	98341	59.199	ug/l	97
67) Ethyl Benzene	11.681	91	472600	56.824	ug/l	98
68) m/p-Xylenes	11.792	106	373332	117.354	ug/l	95
69) o-Xylene	12.122	106	172321	58.775	ug/l	92
70) Styrene	12.134	104	264107	60.581	ug/l	94
71) Bromoform	12.298	173	51313	59.118	ug/l #	98
73) Isopropylbenzene	12.422	105	444764	56.506	ug/l	97
74) N-amyl acetate	12.234	43	83278	53.824	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	81606	59.461	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	42316m	46.915	ug/l	
77) Bromobenzene	12.698	156	108819	58.777	ug/l	92
78) n-propylbenzene	12.763	91	535741	55.857	ug/l	97
79) 2-Chlorotoluene	12.845	91	295378	57.466	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	379801	57.854	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	26220	58.897	ug/l	94
82) 4-Chlorotoluene	12.945	91	311393	57.950	ug/l	96
83) tert-Butylbenzene	13.163	119	332097	59.921	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	389058	59.253	ug/l	97
85) sec-Butylbenzene	13.345	105	468515	57.190	ug/l	97
86) p-Isopropyltoluene	13.457	119	429654	58.578	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	223083	58.922	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	214327	56.938	ug/l	99
89) n-Butylbenzene	13.787	91	385961	55.923	ug/l	98
90) Hexachloroethane	14.051	117	79502	58.938	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	188561	58.560	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12449	62.871	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	116991	53.192	ug/l	99
94) Hexachlorobutadiene	15.198	225	64129	54.070	ug/l	98
95) Naphthalene	15.328	128	222735	60.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	103730	57.207	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
Data File : VD077914.D
Acq On : 15 Dec 2023 20:53
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

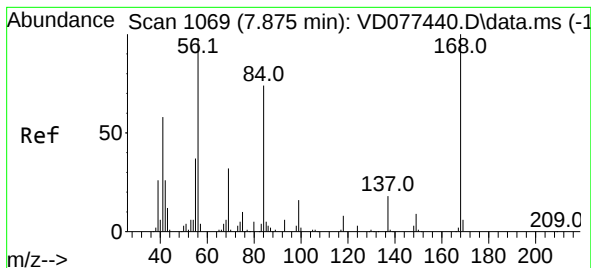
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 05:08:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 12050

Ion Ratio Lower Upper

168 100

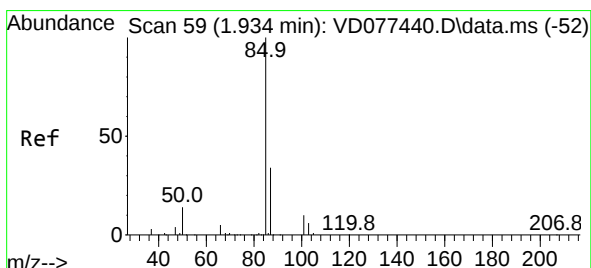
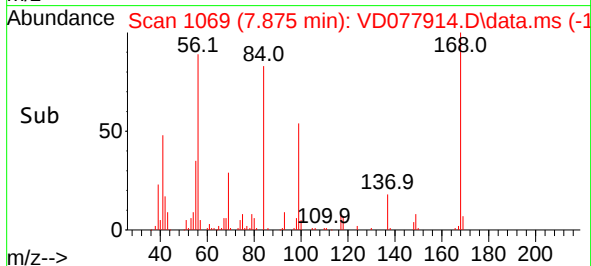
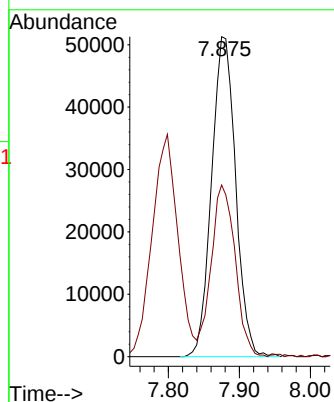
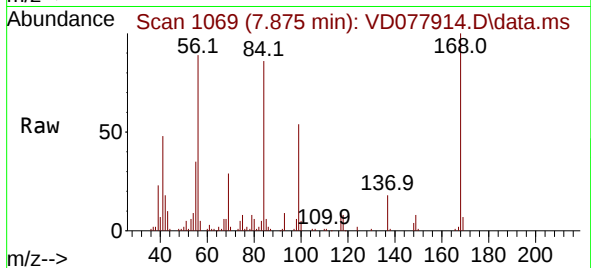
99 52.9 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#2

Dichlorodifluoromethane

Concen: 44.231 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077914.D

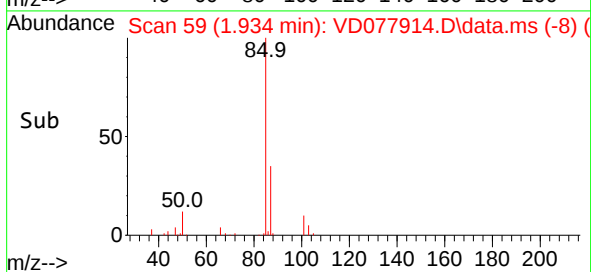
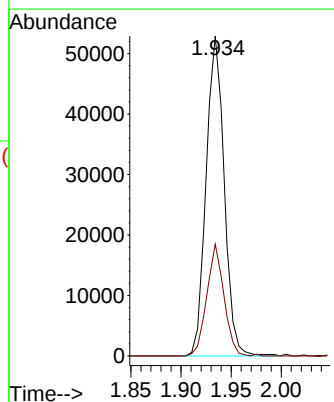
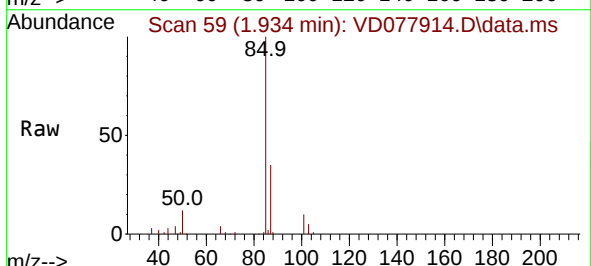
Acq: 15 Dec 2023 20:53

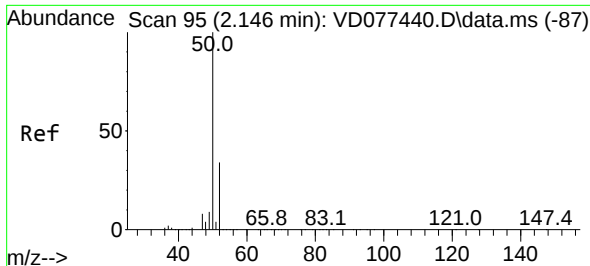
Tgt Ion: 85 Resp: 66582

Ion Ratio Lower Upper

85 100

87 35.0 15.7 47.0





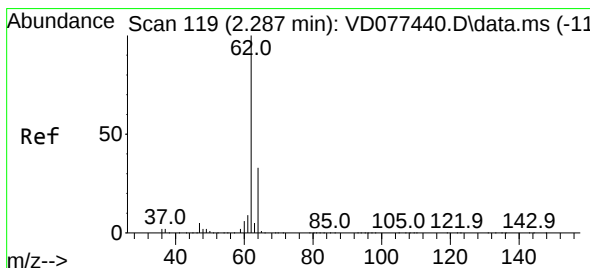
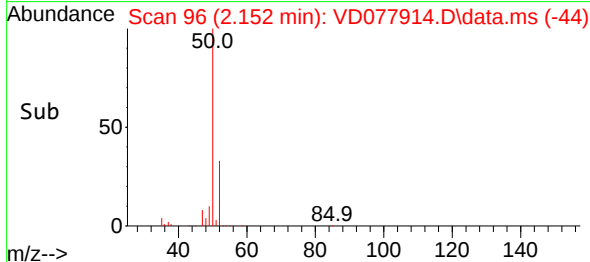
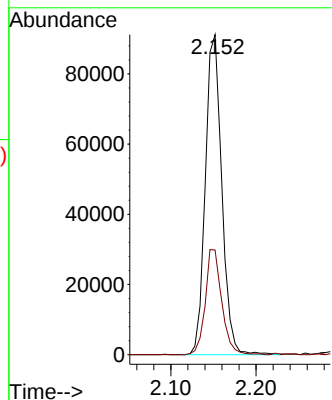
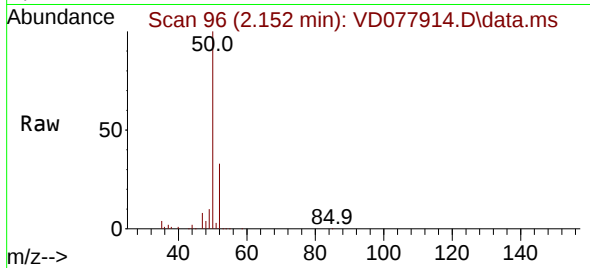
#3
Chloromethane
Concen: 59.568 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 122220
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0

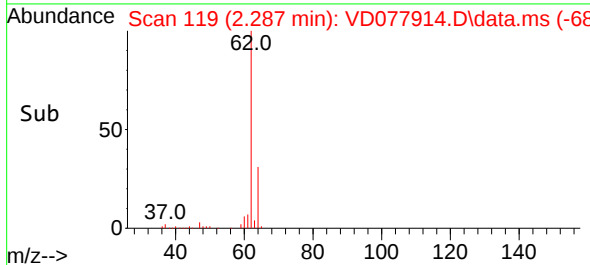
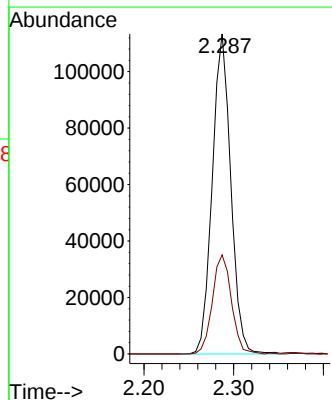
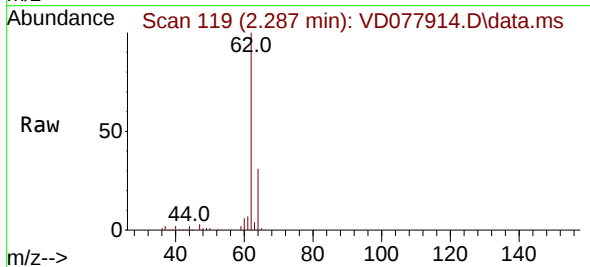
Manual Integrations
APPROVED

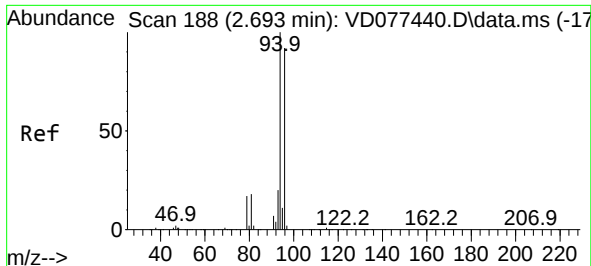
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#4
Vinyl Chloride
Concen: 58.387 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

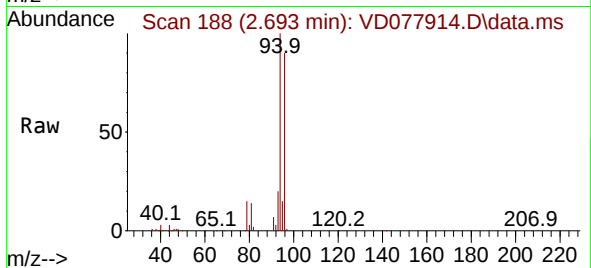
Tgt Ion: 62 Resp: 162638
Ion Ratio Lower Upper
62 100
64 30.9 26.0 39.0





#5
Bromomethane
Concen: 71.392 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

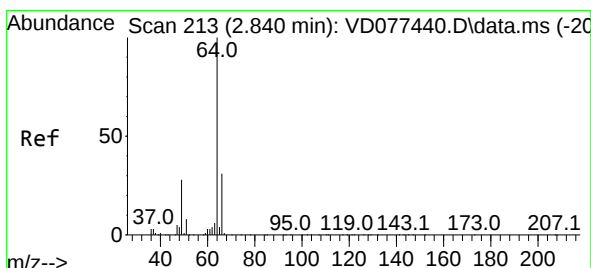
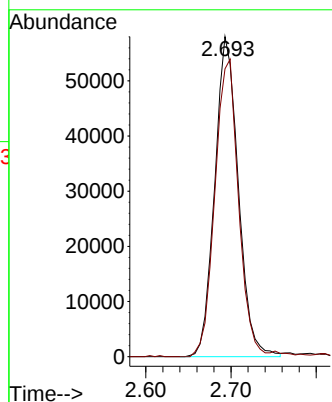
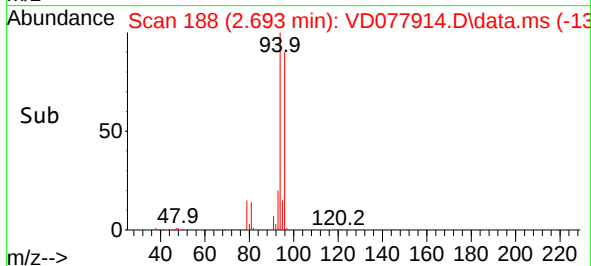
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 11158
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8

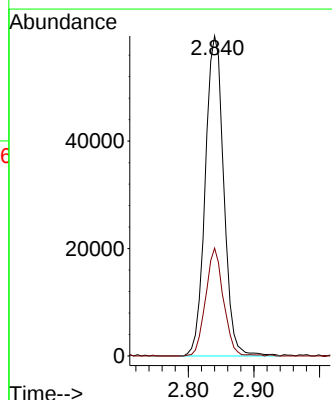
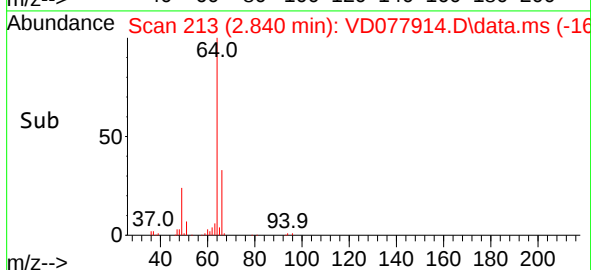
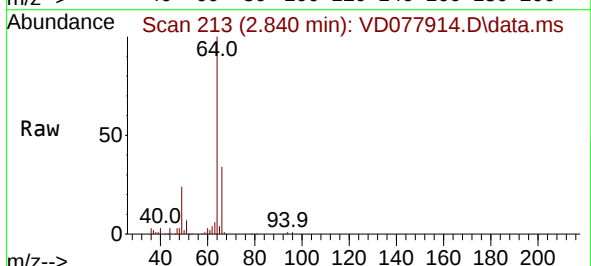
Manual Integrations
APPROVED

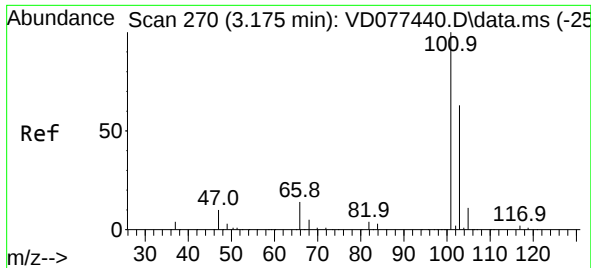
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#6
Chloroethane
Concen: 61.518 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

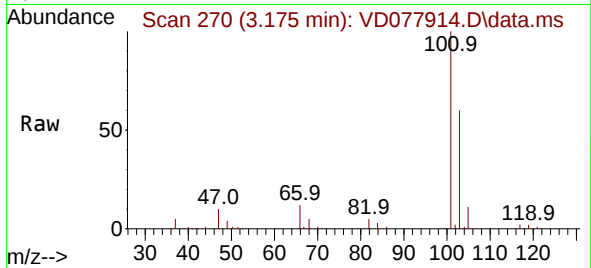
Tgt Ion: 64 Resp: 116828
Ion Ratio Lower Upper
64 100
66 33.7 25.5 38.3





#7
Trichlorofluoromethane
Concen: 50.787 ug/l
RT: 3.175 min Scan# 210
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

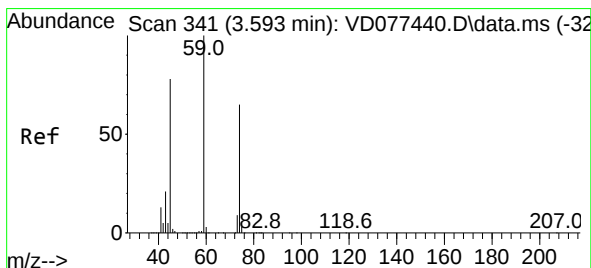
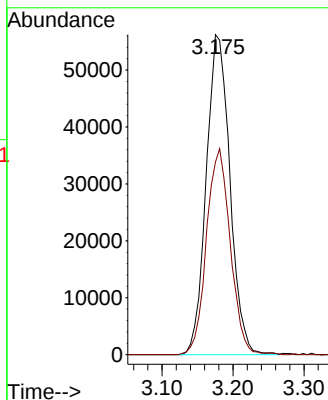
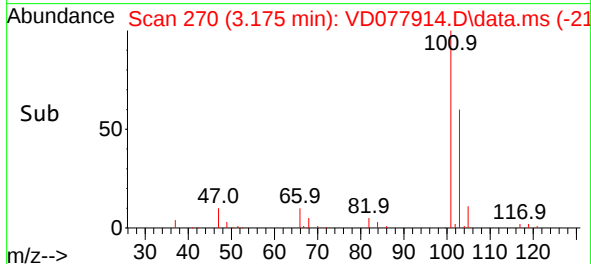
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



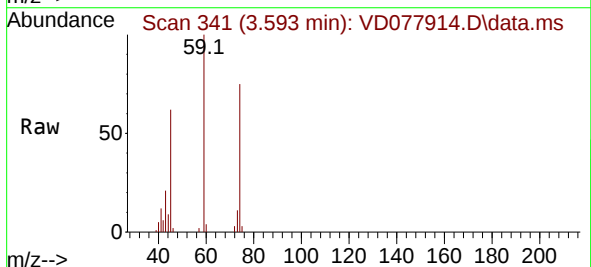
Tgt Ion:101 Resp: 130291
Ion Ratio Lower Upper
101 100
103 60.2 52.3 78.5

Manual Integrations
APPROVED

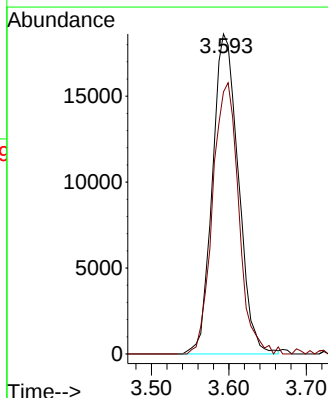
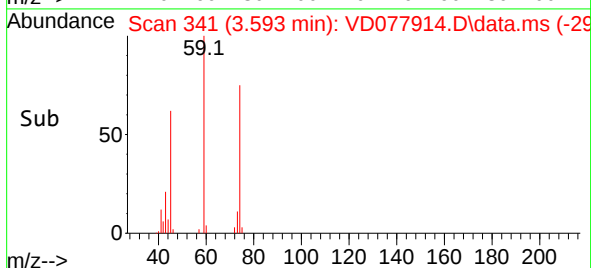
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

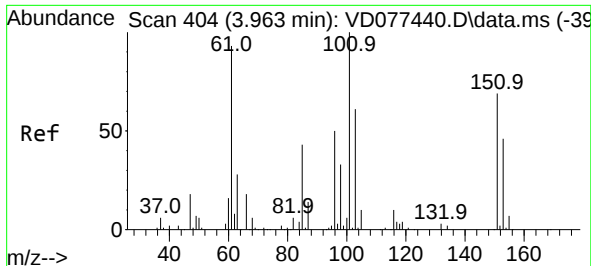


#8
Diethyl Ether
Concen: 60.201 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



Tgt Ion: 74 Resp: 43368
Ion Ratio Lower Upper
74 100
45 85.2 37.5 112.7





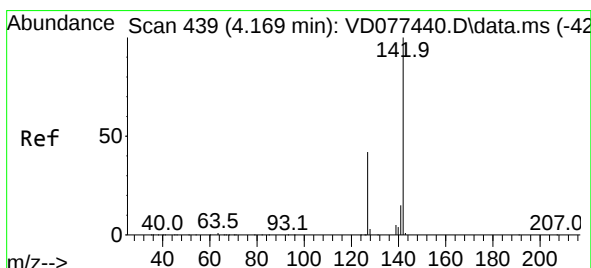
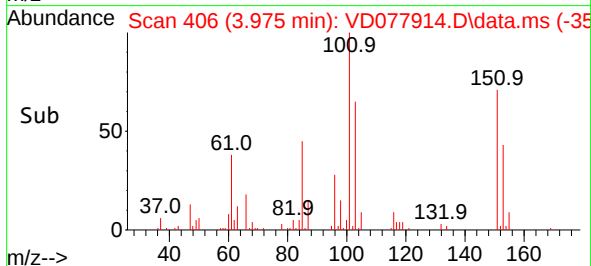
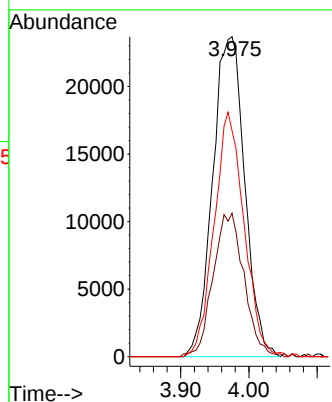
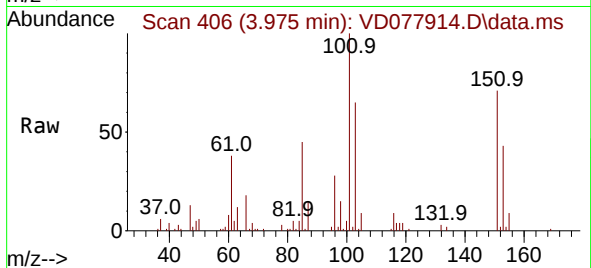
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.708 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 7735
Ion Ratio Lower Upper
101 100
85 43.4 33.8 50.6
151 71.6 59.8 89.6

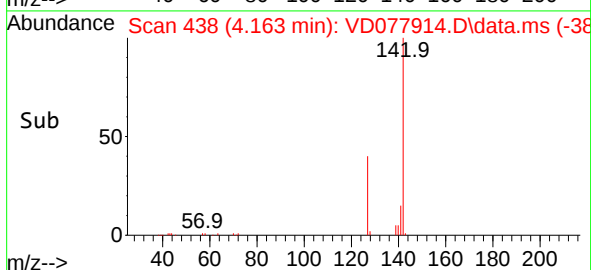
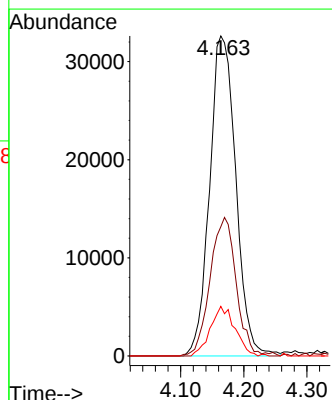
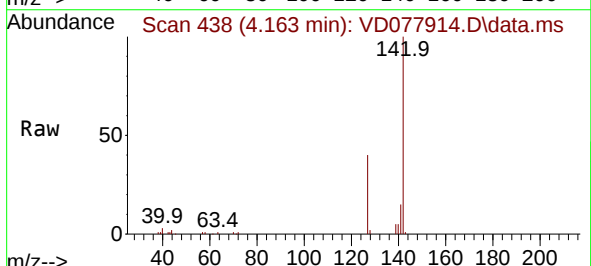
Manual Integrations
APPROVED

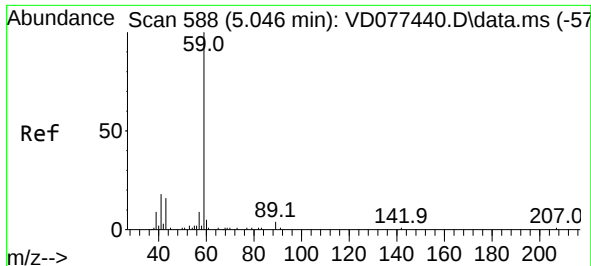
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 70.047 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

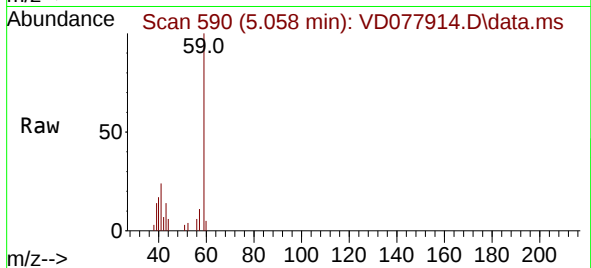
Tgt Ion:142 Resp: 94121
Ion Ratio Lower Upper
142 100
127 43.2 29.4 44.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 297.958 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

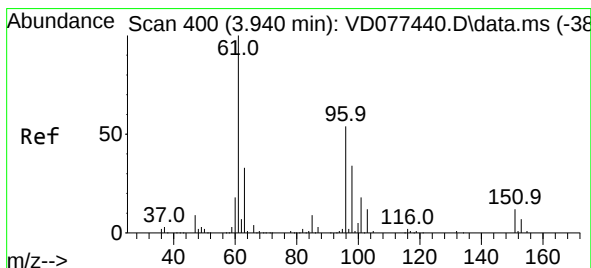
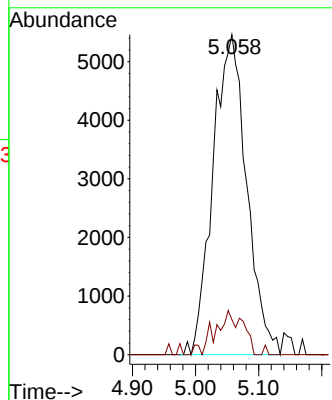
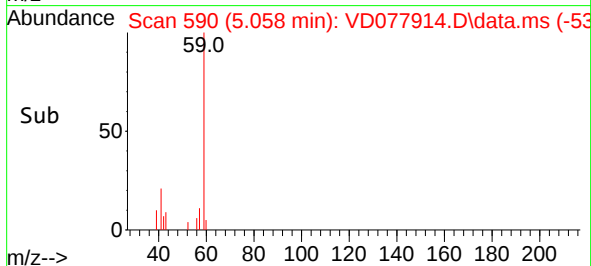
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



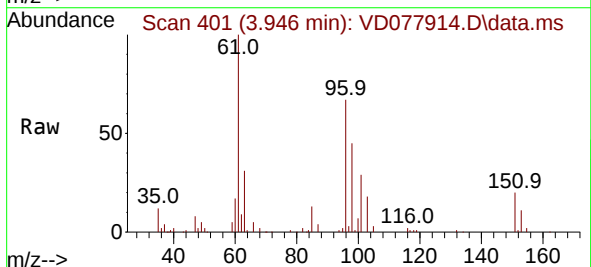
Tgt Ion: 59 Resp: 2022
Ion Ratio Lower Upper
59 100
57 3.5 7.8 11.8

Manual Integrations
APPROVED

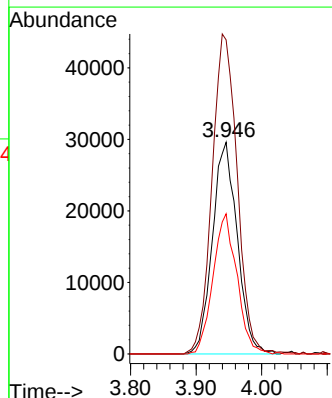
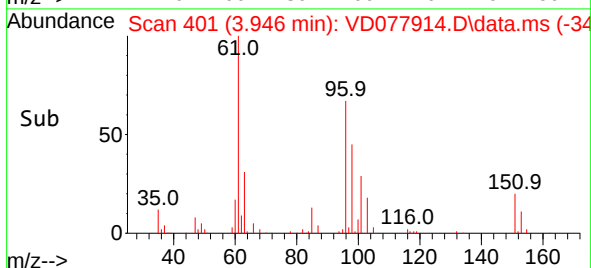
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

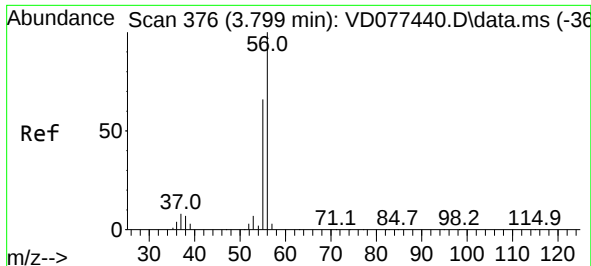


#12
1,1-Dichloroethene
Concen: 53.702 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



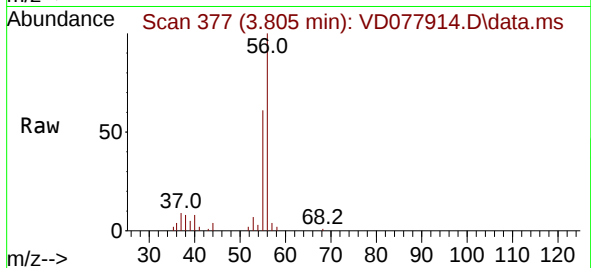
Tgt Ion: 96 Resp: 77789
Ion Ratio Lower Upper
96 100
61 148.4 100.6 150.8
98 66.3 50.2 75.2





#13
Acrolein
Concen: 249.591 ug/l
RT: 3.805 min Scan# 376
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

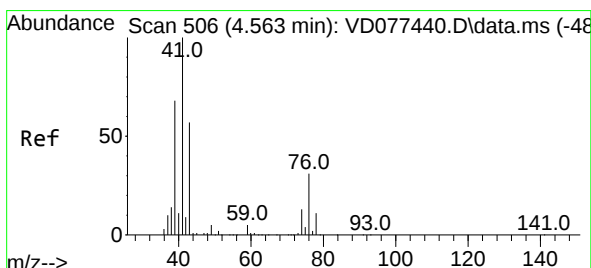
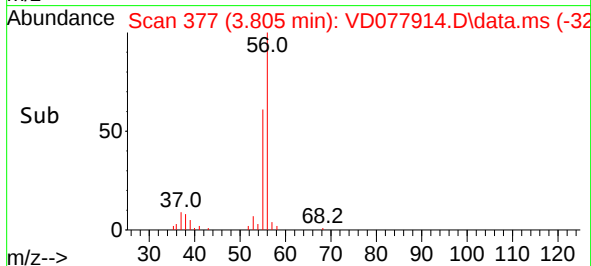
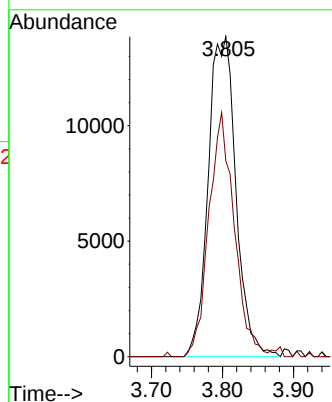
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 3749
Ion Ratio Lower Upper
56 100
55 70.0 55.1 82.7

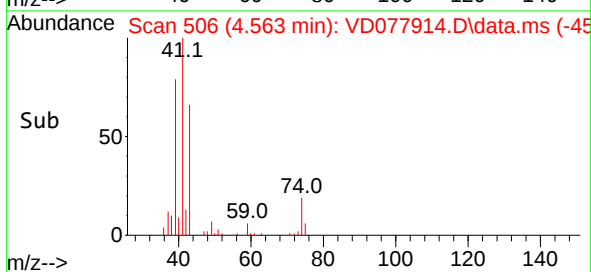
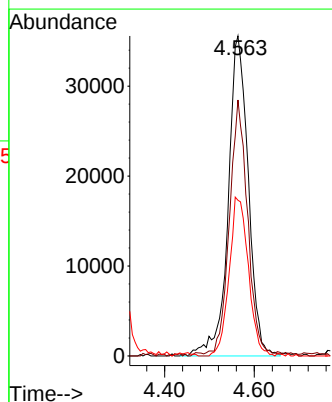
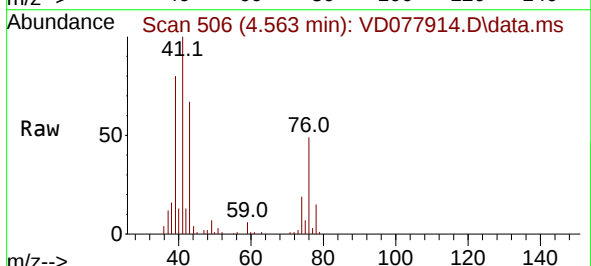
Manual Integrations
APPROVED

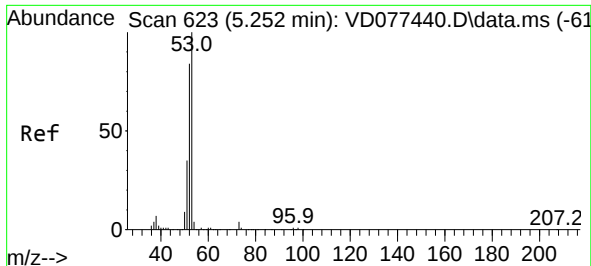
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Allyl chloride
Concen: 55.623 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

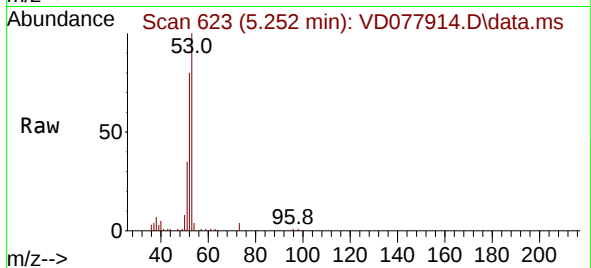
Tgt Ion: 41 Resp: 110813
Ion Ratio Lower Upper
41 100
39 70.7 53.8 80.6
76 47.4 45.8 68.8





#15
Acrylonitrile
Concen: 311.266 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

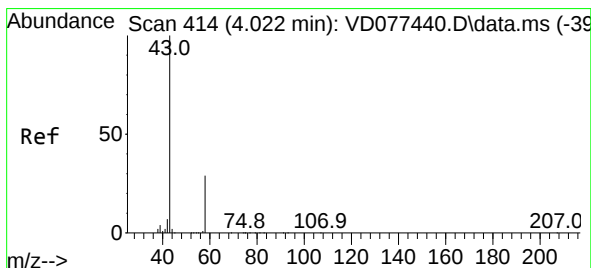
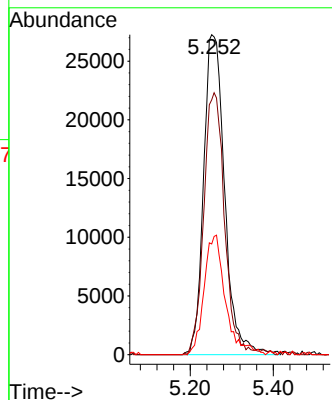
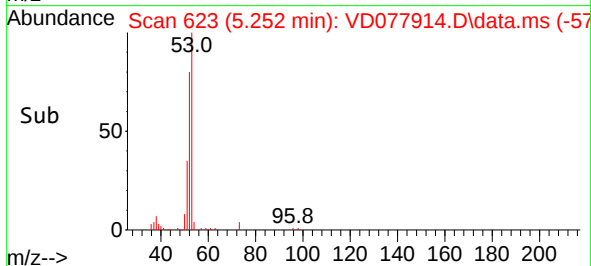
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 96000
Ion Ratio Lower Upper
53 100
52 80.6 65.0 97.4
51 37.7 28.3 42.5

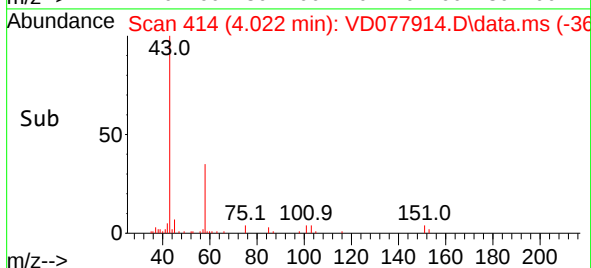
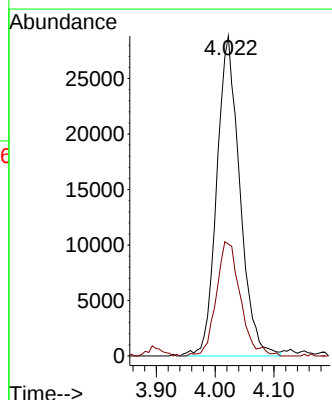
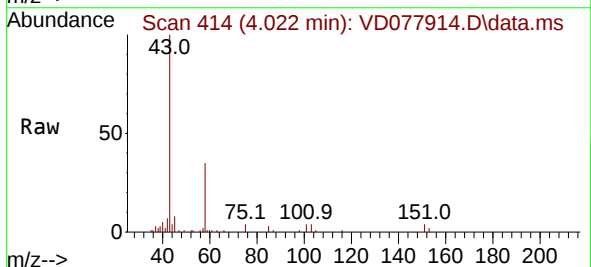
Manual Integrations
APPROVED

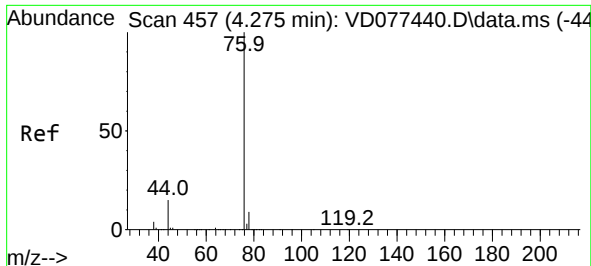
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Acetone
Concen: 256.782 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

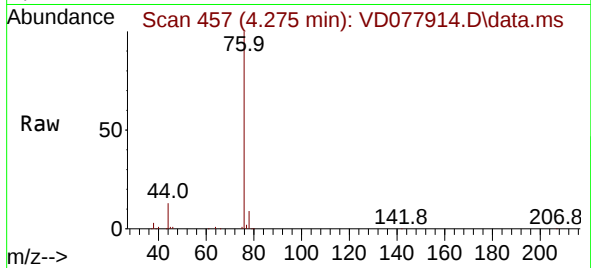
Tgt Ion: 43 Resp: 78541
Ion Ratio Lower Upper
43 100
58 35.0 34.7 52.1





#17
Carbon Disulfide
Concen: 50.526 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

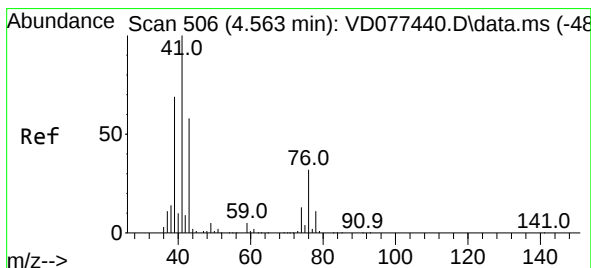
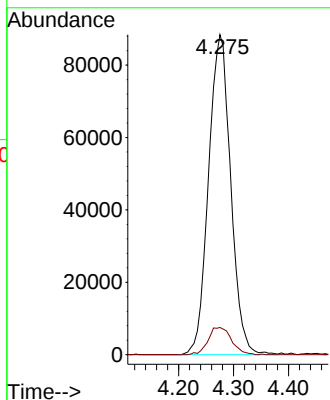
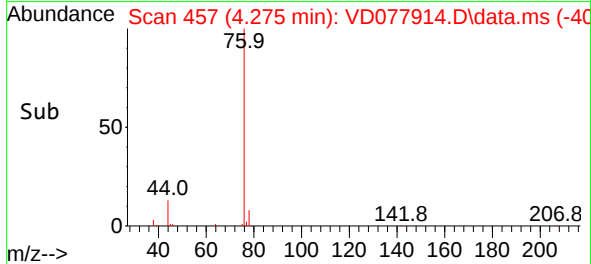
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 247609
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

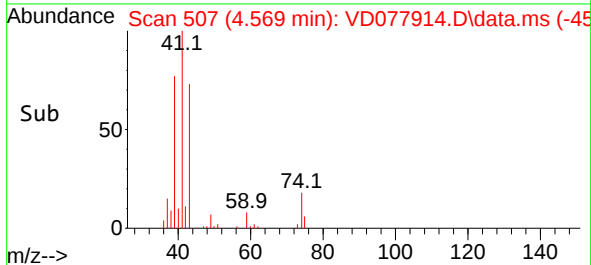
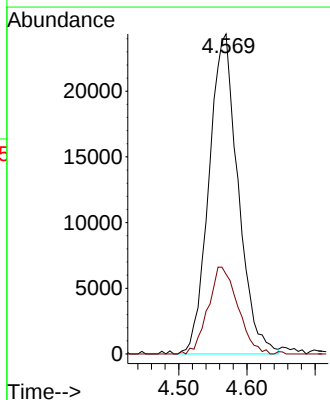
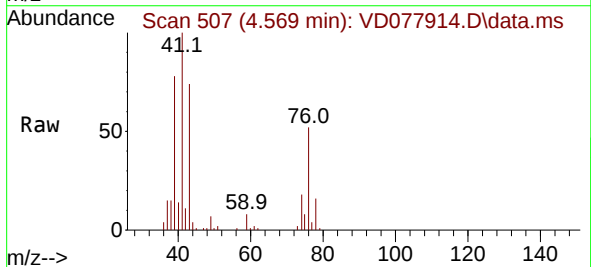
Manual Integrations
APPROVED

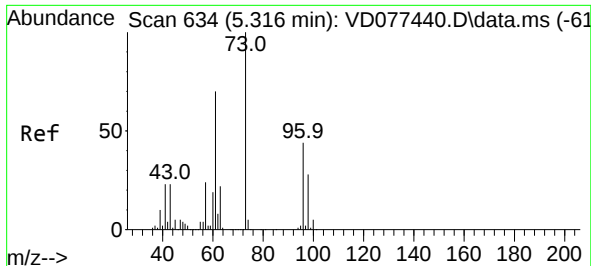
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#18
Methyl Acetate
Concen: 64.826 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

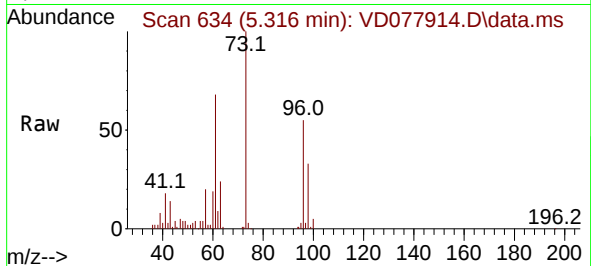
Tgt Ion: 43 Resp: 72497
Ion Ratio Lower Upper
43 100
74 27.7 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 63.120 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

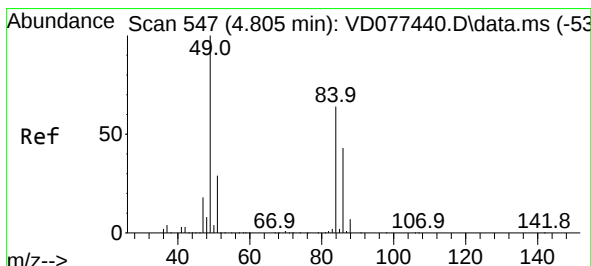
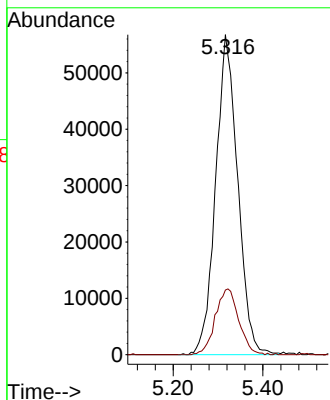
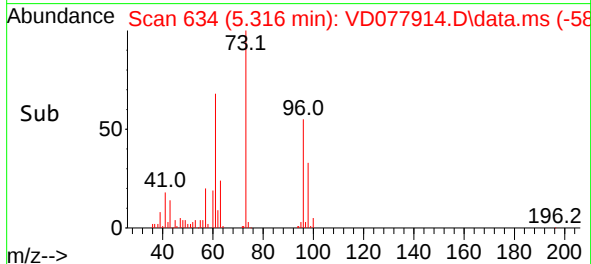
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 193980
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

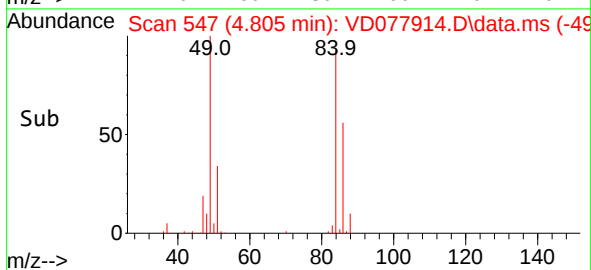
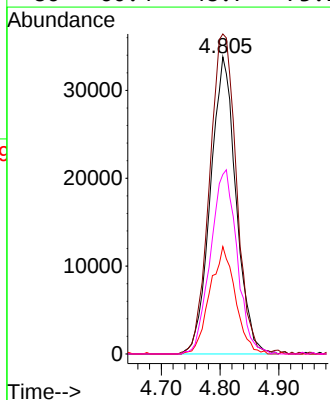
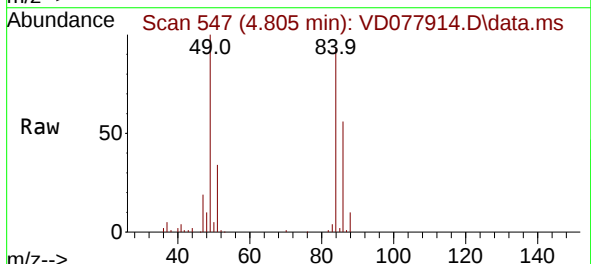
Manual Integrations
APPROVED

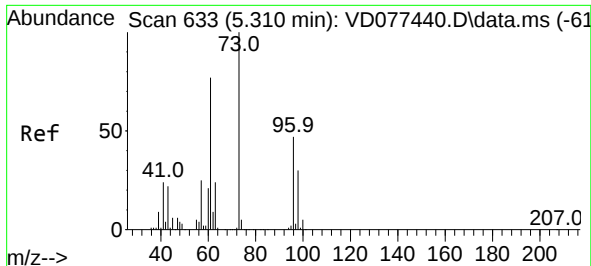
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 62.009 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

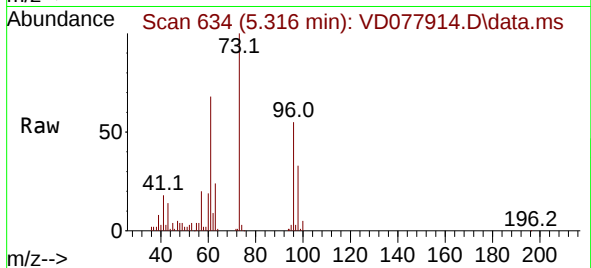
Tgt Ion: 84 Resp: 102322
Ion Ratio Lower Upper
84 100
49 107.7 71.4 107.2#
51 36.2 24.5 36.7
86 60.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 59.333 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

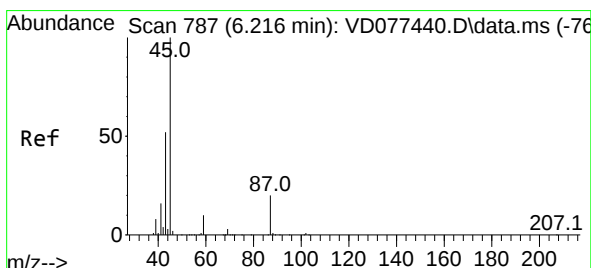
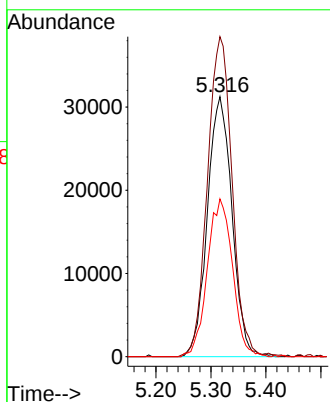
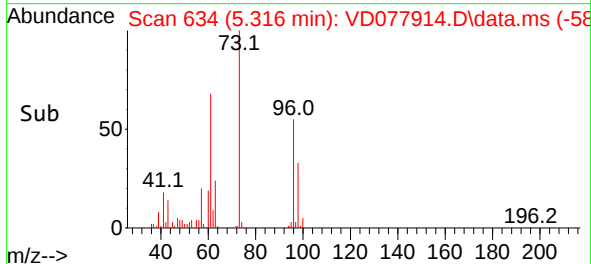
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 97348
Ion Ratio Lower Upper
96 100
61 123.1 89.3 133.9
98 60.7 48.6 73.0

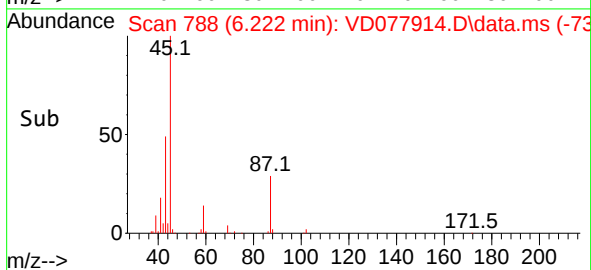
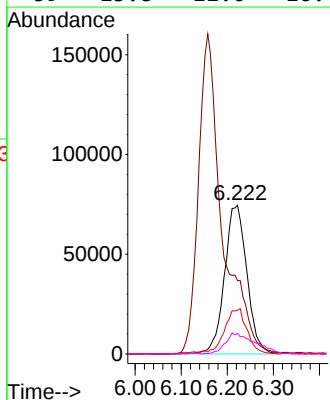
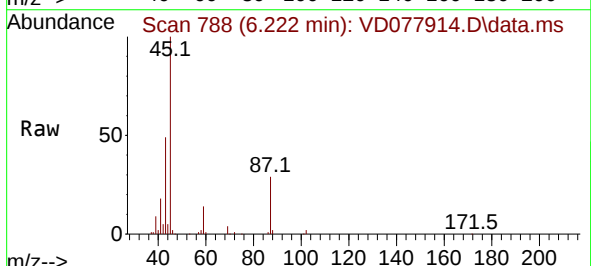
Manual Integrations
APPROVED

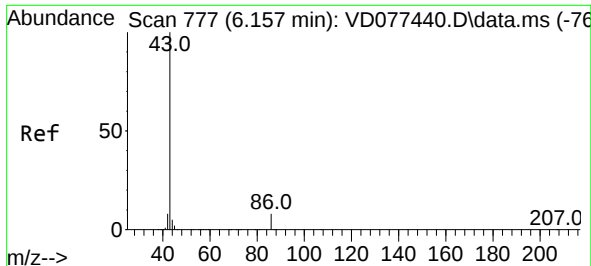
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
Diisopropyl ether
Concen: 60.248 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

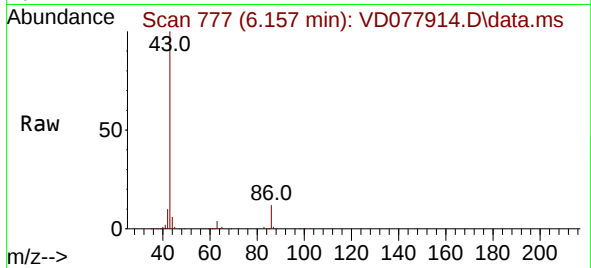
Tgt Ion: 45 Resp: 250826
Ion Ratio Lower Upper
45 100
43 48.7 40.0 60.0
87 29.4 28.2 42.4
59 13.8 11.0 16.4





#23
 Vinyl Acetate
 Concen: 283.139 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

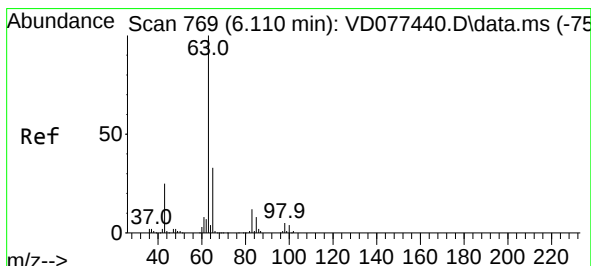
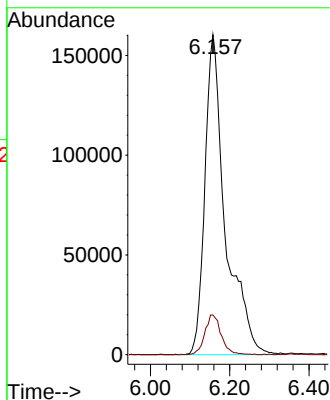
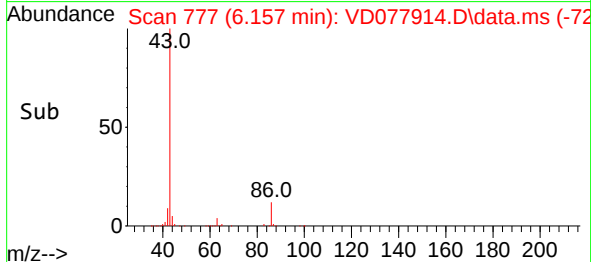
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



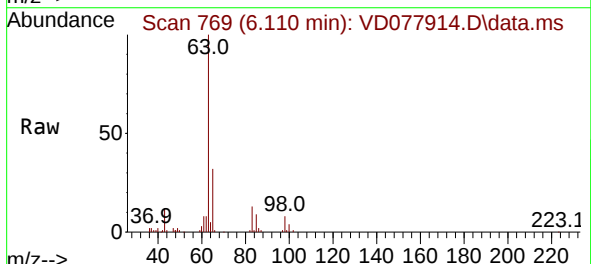
Tgt Ion: 43 Resp: 575640
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7

Manual Integrations
 APPROVED

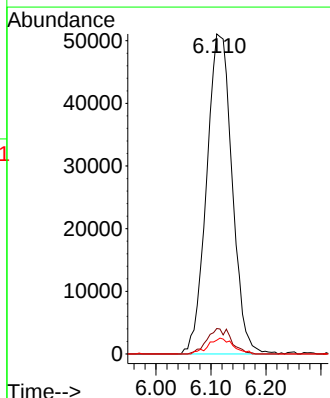
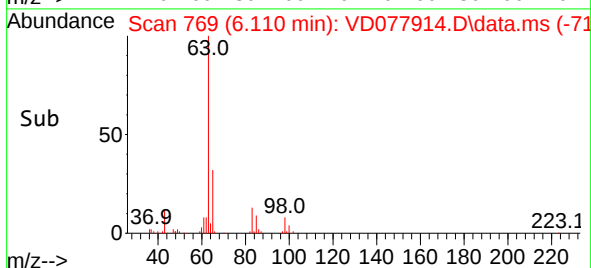
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

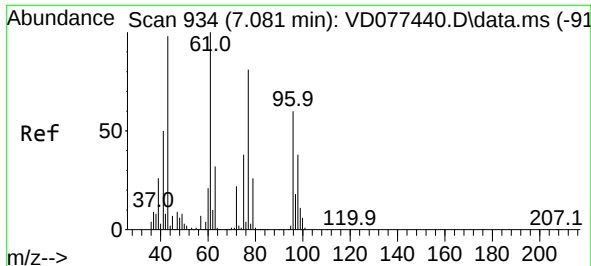


#24
 1,1-Dichloroethane
 Concen: 58.459 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53



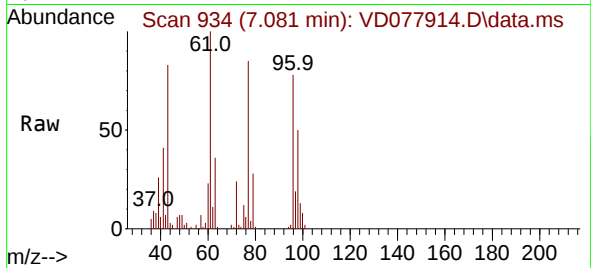
Tgt Ion: 63 Resp: 164815
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 4.3 2.5 7.5





#25
2-Butanone
Concen: 276.379 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

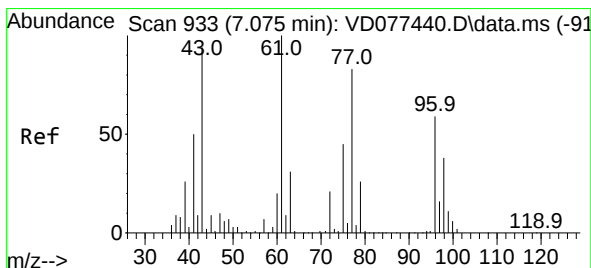
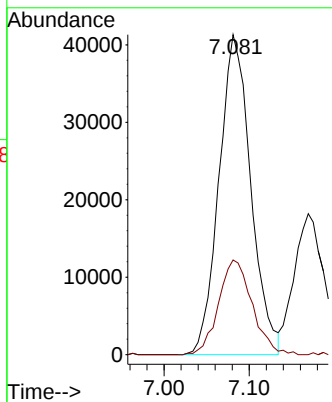
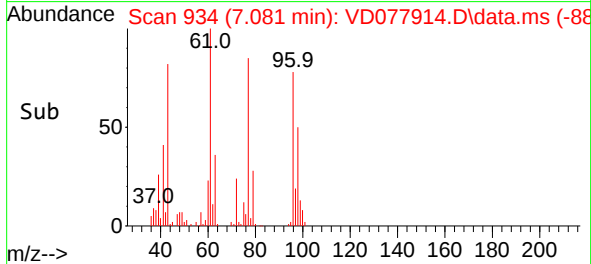
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 107262
Ion Ratio Lower Upper
43 100
72 29.6 30.7 46.1

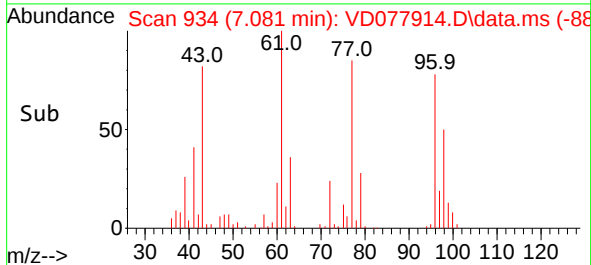
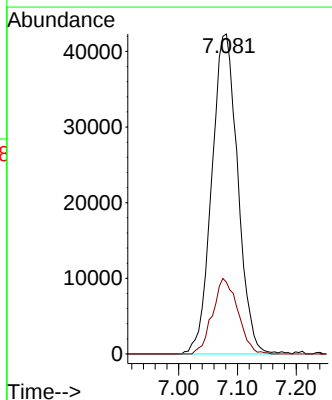
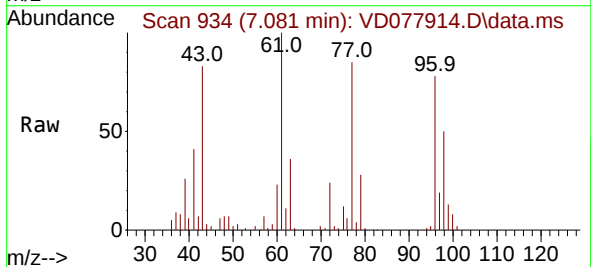
Manual Integrations
APPROVED

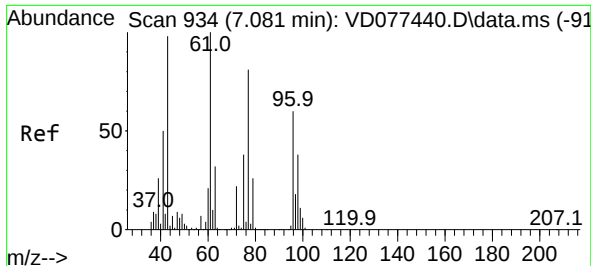
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#26
2,2-Dichloropropane
Concen: 54.810 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

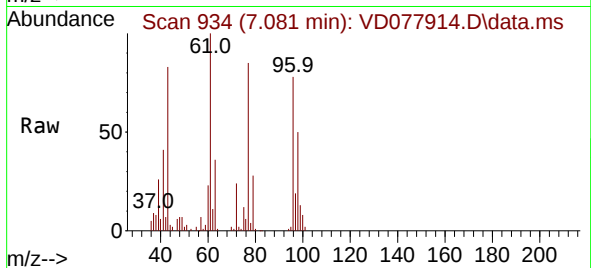
Tgt Ion: 77 Resp: 129743
Ion Ratio Lower Upper
77 100
97 23.0 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 61.748 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

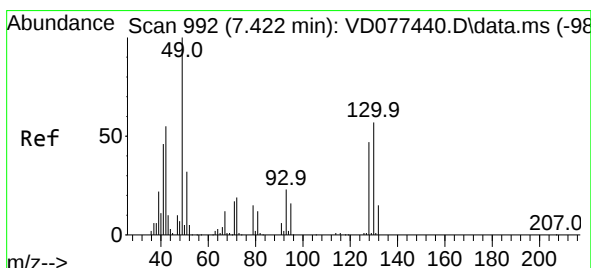
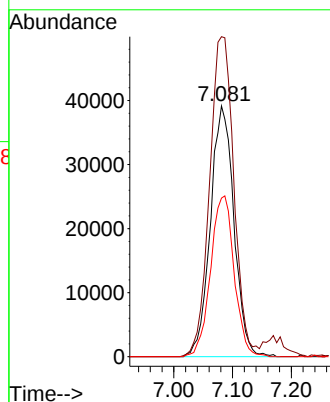
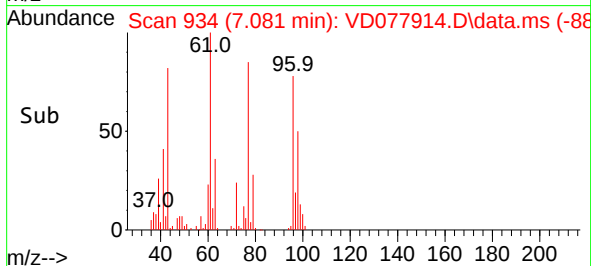
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10901
Ion Ratio Lower Upper
96 100
61 131.9 0.0 239.2
98 64.2 0.0 128.6

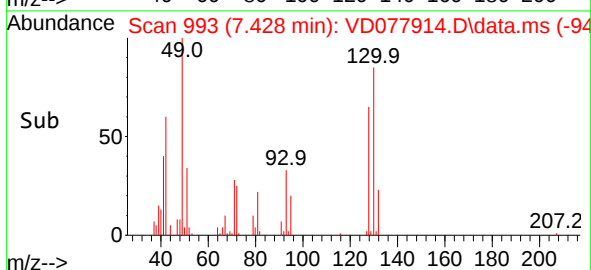
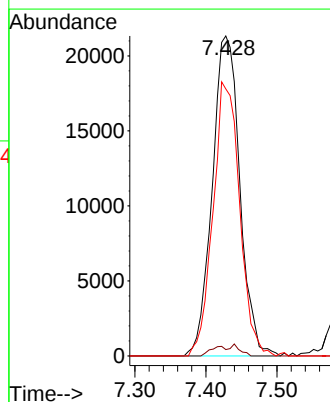
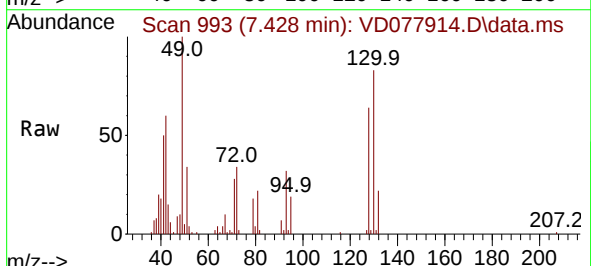
Manual Integrations
APPROVED

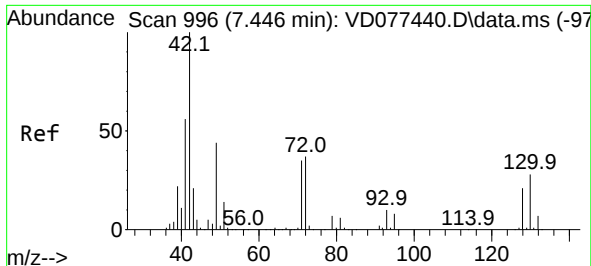
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#28
Bromochloromethane
Concen: 50.452 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 49 Resp: 57477
Ion Ratio Lower Upper
49 100
129 1.7 0.0 6.0
130 82.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 298.397 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

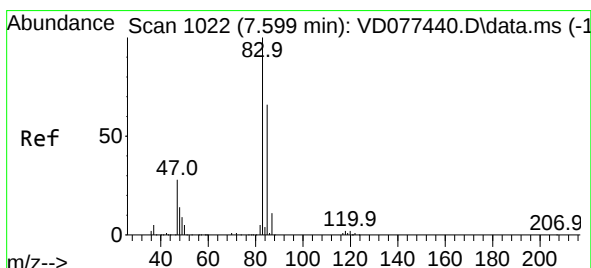
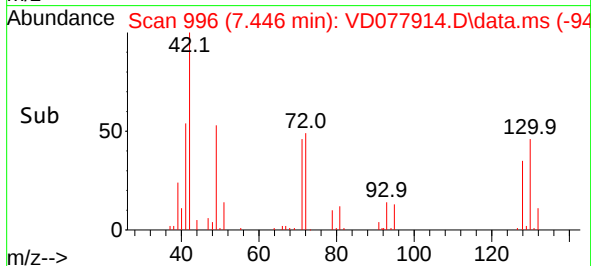
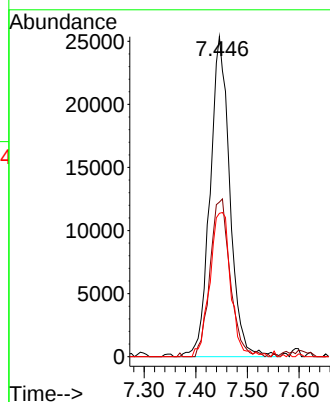
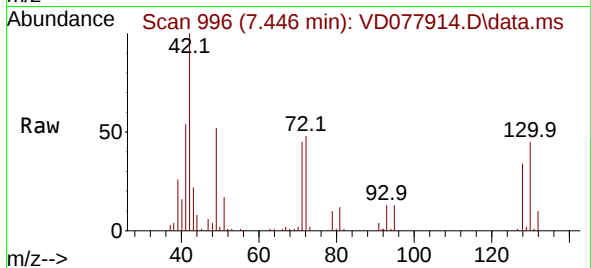
VSTDCCC050

Tgt Ion:	42	Resp:	67474
Ion	Ratio	Lower	Upper
42	100		
72	49.8	46.5	69.7
71	47.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 60.768 ug/l

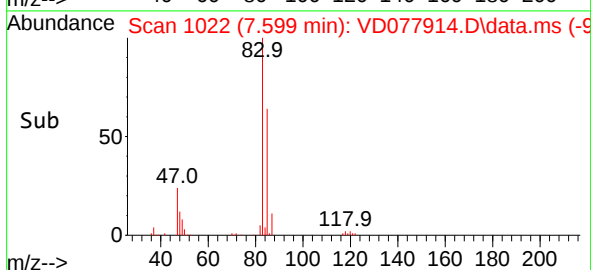
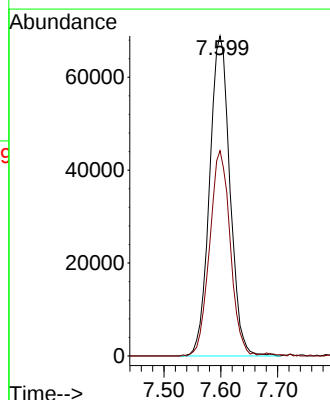
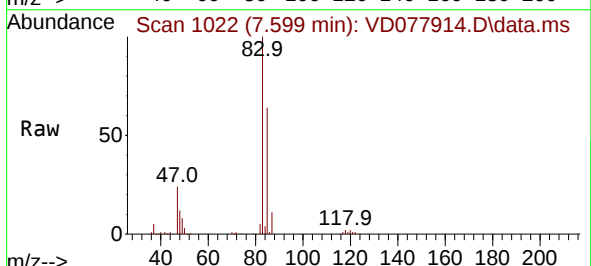
RT: 7.599 min Scan# 1022

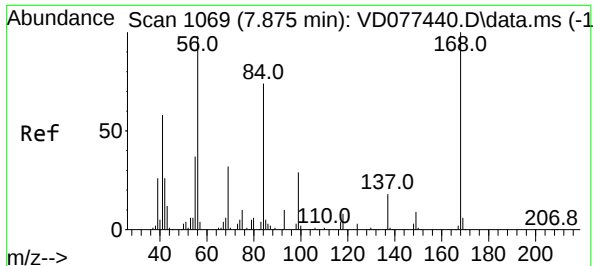
Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

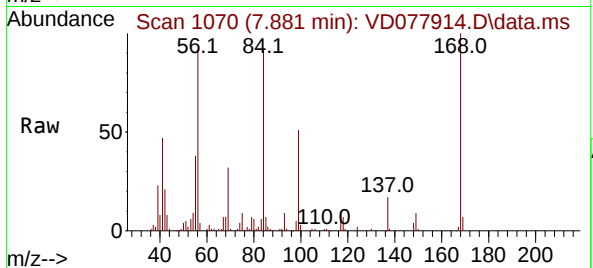
Tgt Ion:	83	Resp:	171467
Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.4	80.2





#31
Cyclohexane
Concen: 48.675 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

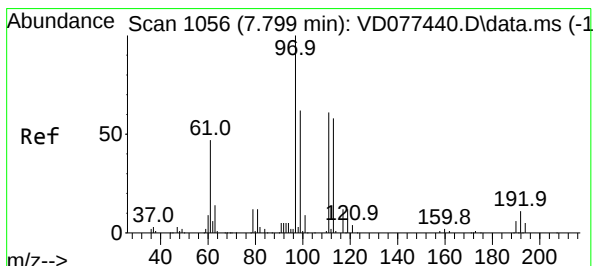
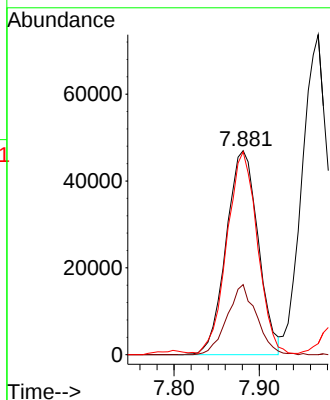
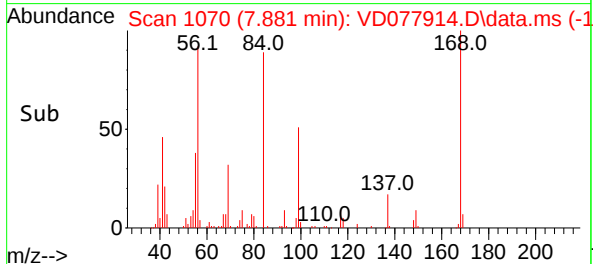
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



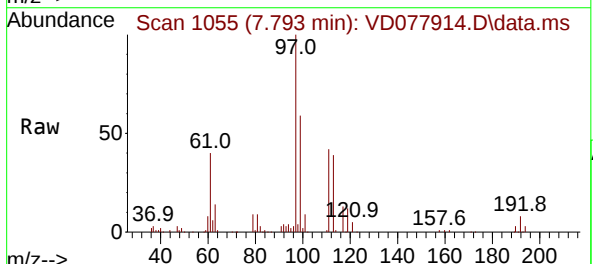
Tgt Ion: 56 Resp: 122940
Ion Ratio Lower Upper
56 100
69 34.4 28.6 43.0
84 97.8 84.8 127.2

Manual Integrations
APPROVED

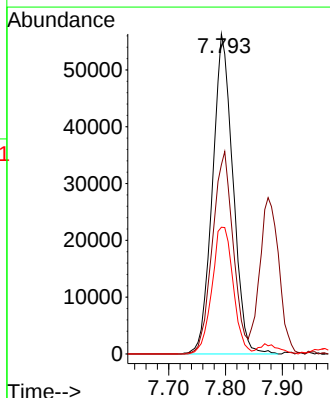
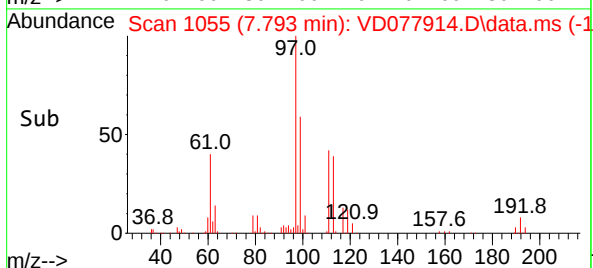
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

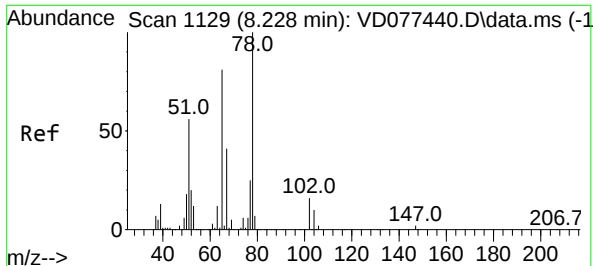


#32
1,1,1-Trichloroethane
Concen: 56.721 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



Tgt Ion: 97 Resp: 141091
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 41.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.508 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 81662

Ion Ratio Lower Upper

65 100

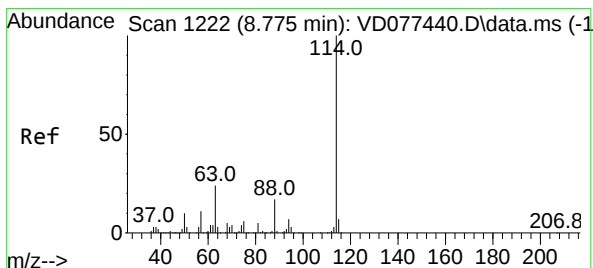
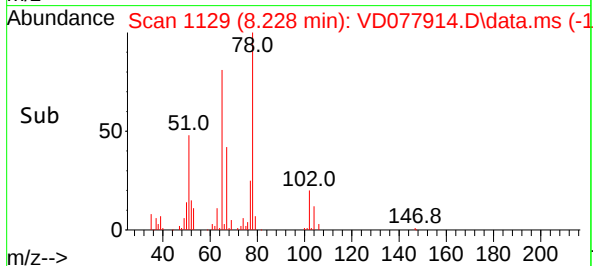
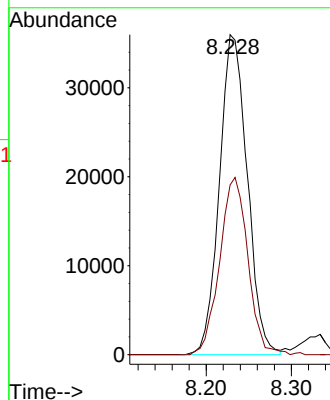
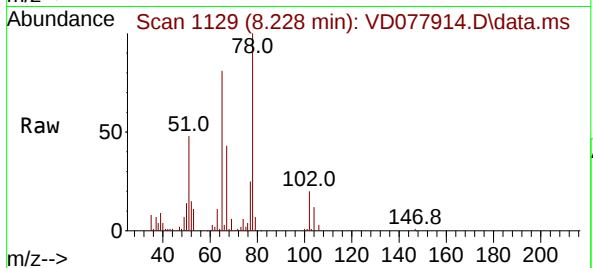
67 56.3 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

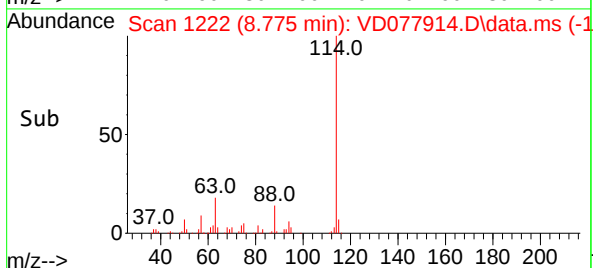
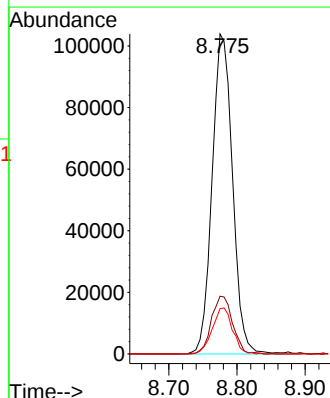
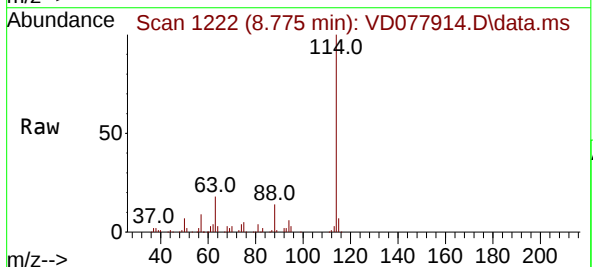
Tgt Ion:114 Resp: 216187

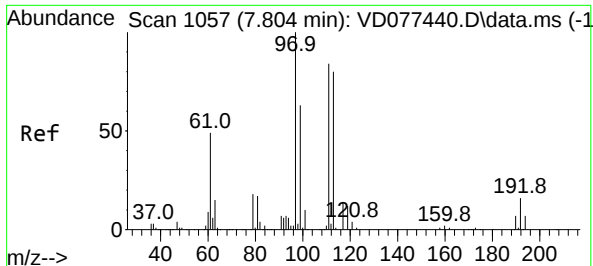
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 14.1 0.0 26.2





#35

Dibromofluoromethane

Concen: 57.083 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

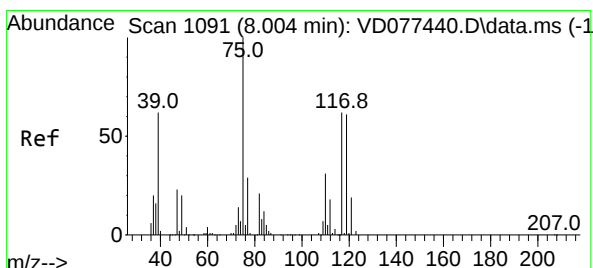
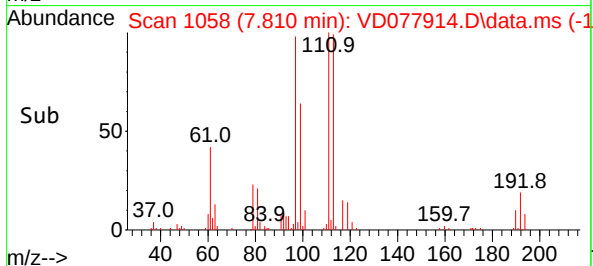
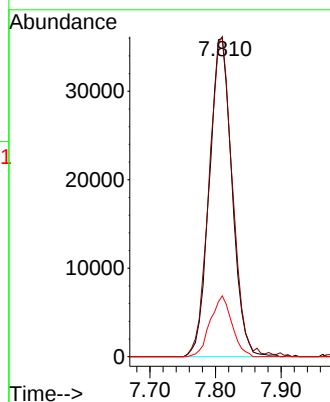
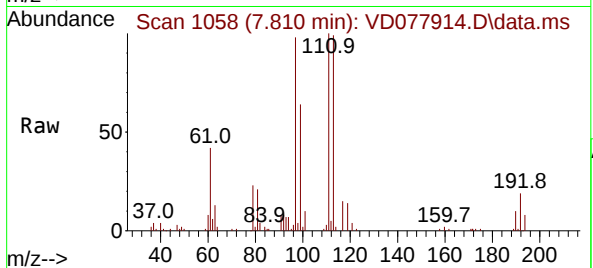
Tgt Ion:113 Resp: 8644

Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.7	127.1
192	18.3	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#36

1,1-Dichloropropene

Concen: 51.511 ug/l

RT: 8.010 min Scan# 1092

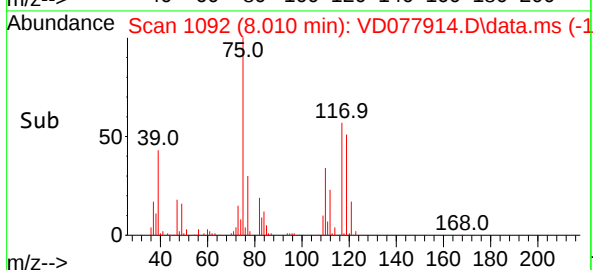
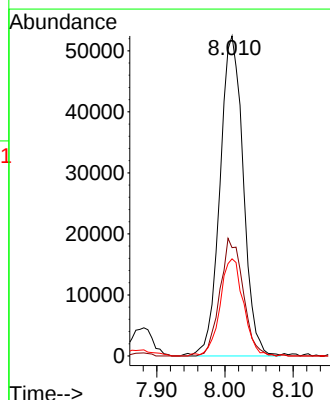
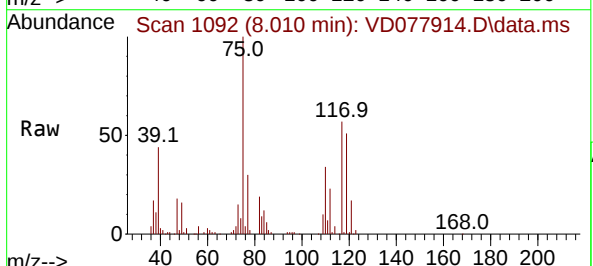
Delta R.T. 0.006 min

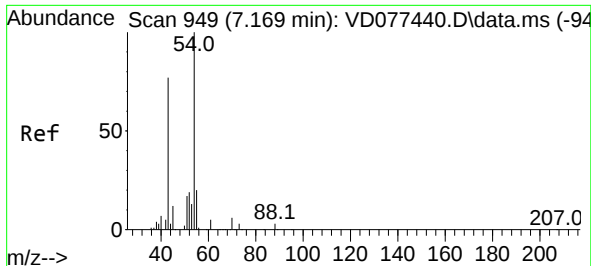
Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Tgt Ion: 75 Resp: 124772

Ion	Ratio	Lower	Upper
75	100		
110	36.5	19.9	59.6
77	30.5	24.7	37.1





#37

Ethyl Acetate

Concen: 48.069 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077914.D

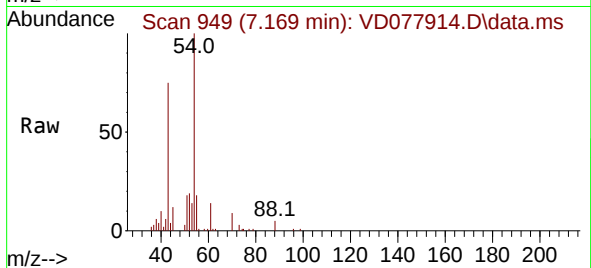
Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

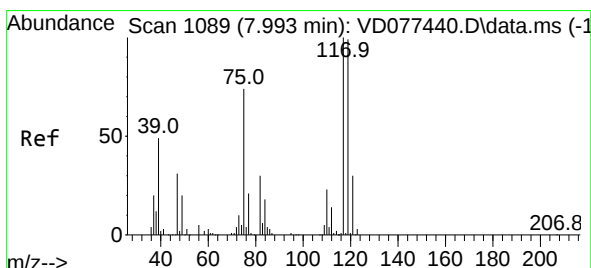
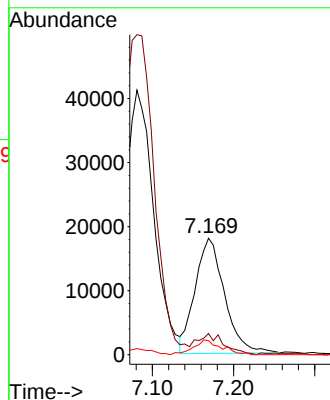
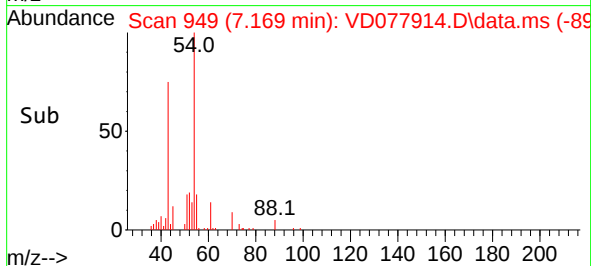


Tgt Ion:	43	Resp:	45400
Ion	Ratio	Lower	Upper
43	100		
61	16.4	14.9	22.3
70	12.1	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#38

Carbon Tetrachloride

Concen: 51.103 ug/l

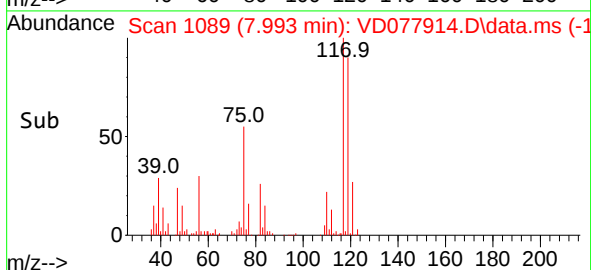
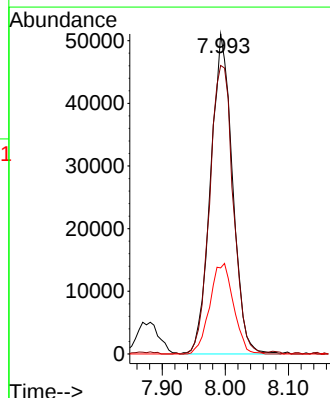
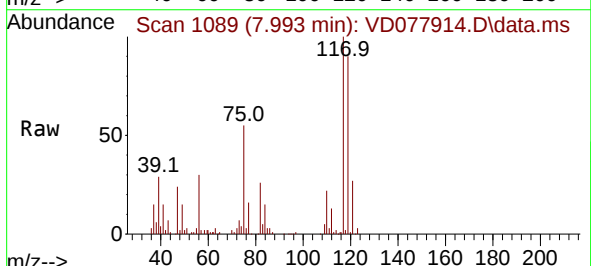
RT: 7.993 min Scan# 1089

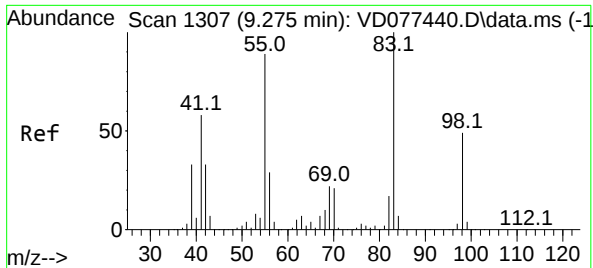
Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Tgt Ion:	117	Resp:	123404
Ion	Ratio	Lower	Upper
117	100		
119	90.1	78.0	117.0
121	26.9	24.2	36.2





#39
Methylcyclohexane
Concen: 49.215 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

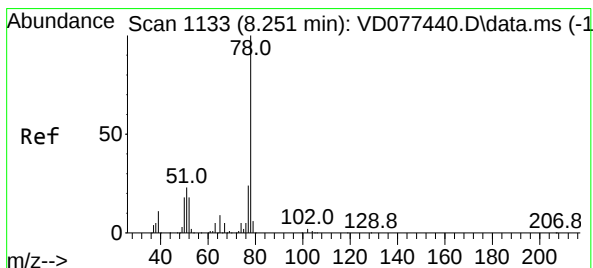
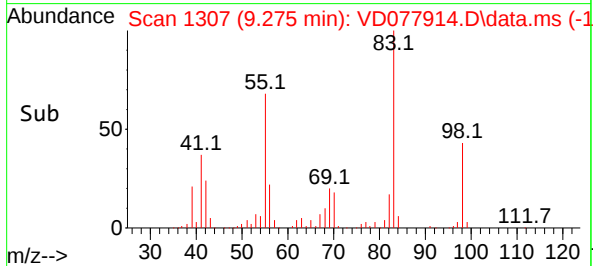
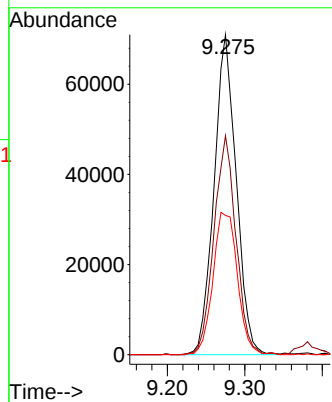
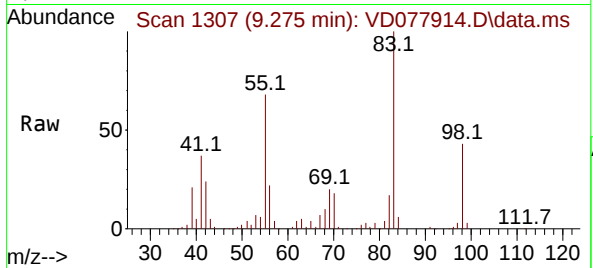
VSTDCCC050

Tgt Ion: 83 Resp: 14132
Ion Ratio Lower Upper
83 100
55 68.4 49.4 74.0
98 43.5 38.4 57.6

Manual Integrations

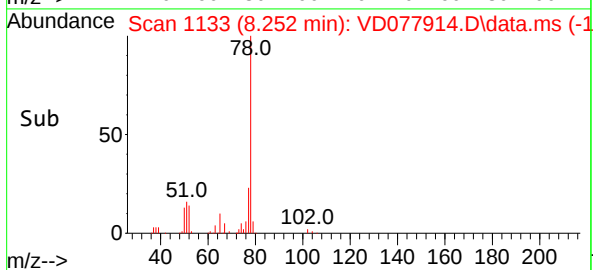
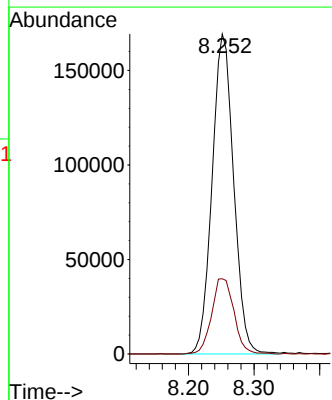
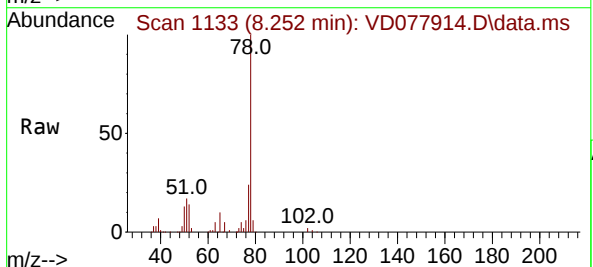
APPROVED

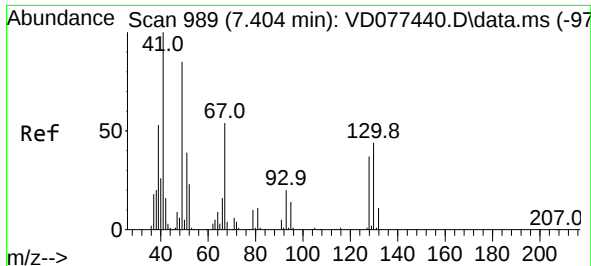
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#40
Benzene
Concen: 56.171 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

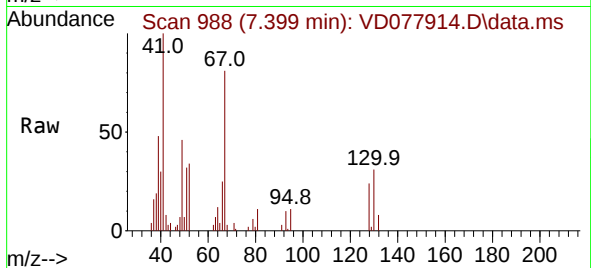
Tgt Ion: 78 Resp: 386162
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 50.050 ug/l m
RT: 7.399 min Scan# 988
Delta R.T. -0.005 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

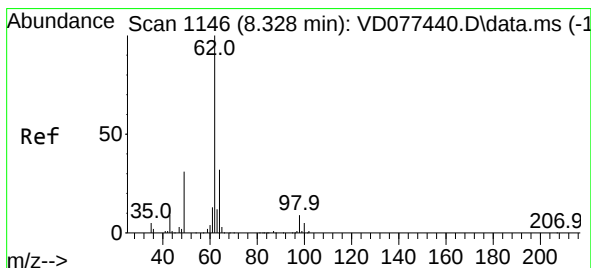
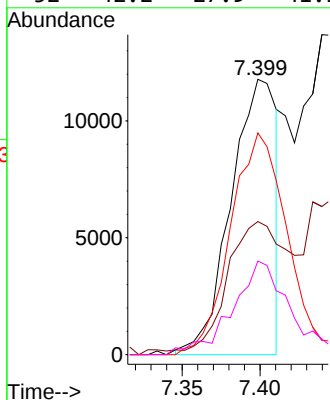
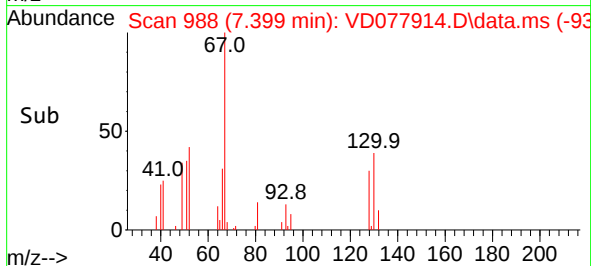
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 24020
Ion Ratio Lower Upper
41 100
39 61.1 34.0 51.0
67 100.8 77.0 115.4
52 42.2 27.9 41.9#

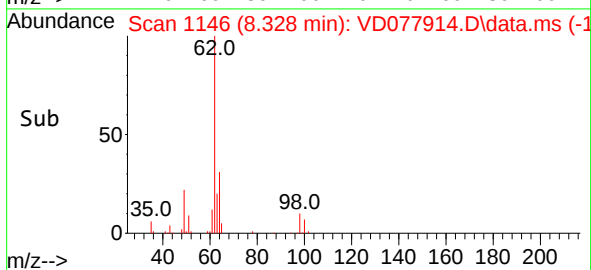
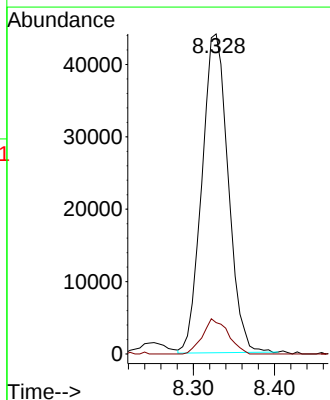
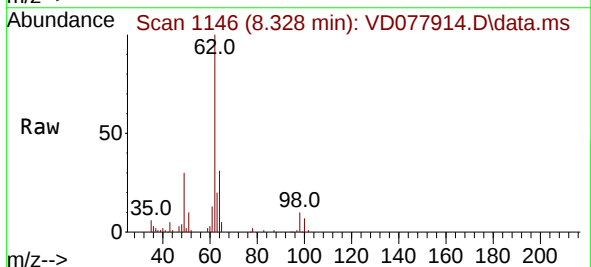
Manual Integrations
APPROVED

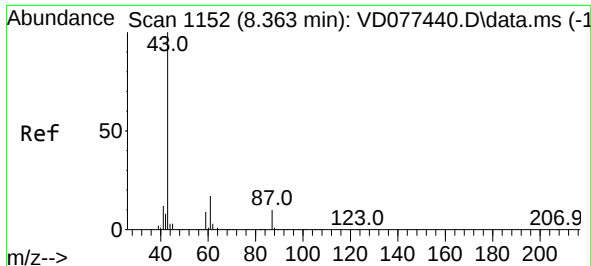
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
1,2-Dichloroethane
Concen: 55.586 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

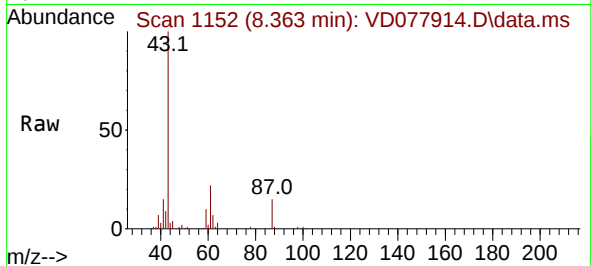
Tgt Ion: 62 Resp: 99057
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 55.841 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

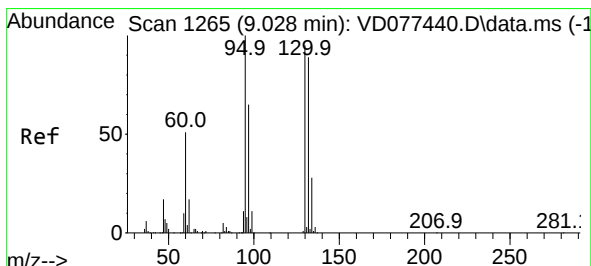
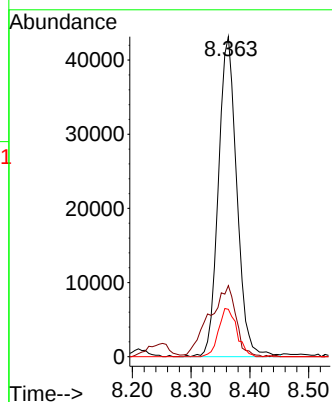
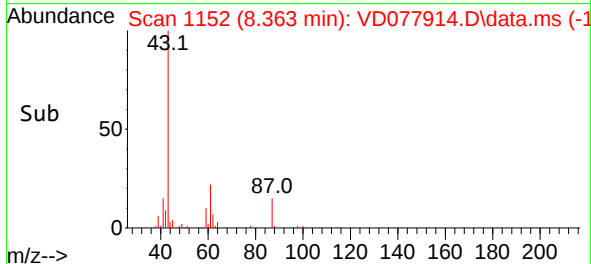
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



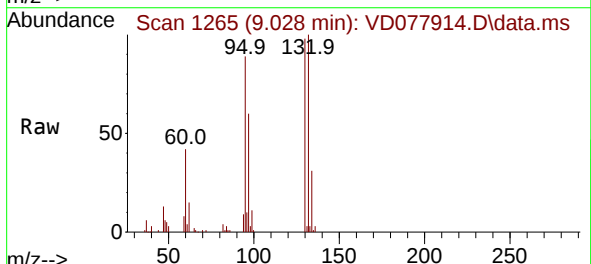
Tgt Ion: 43 Resp: 9375
Ion Ratio Lower Upper
43 100
61 32.2 31.4 47.0
87 14.9 14.9 22.3

Manual Integrations
APPROVED

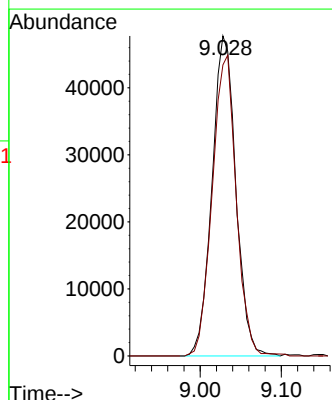
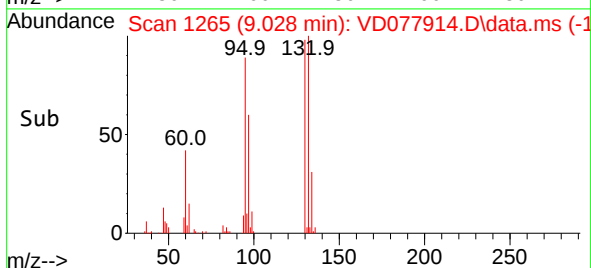
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

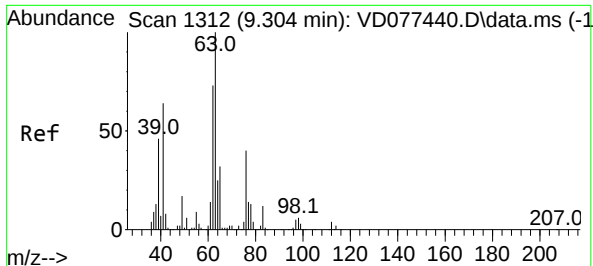


#44
Trichloroethene
Concen: 54.346 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



Tgt Ion:130 Resp: 97365
Ion Ratio Lower Upper
130 100
95 90.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 59.228 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 98984

Ion Ratio Lower Upper

63 100

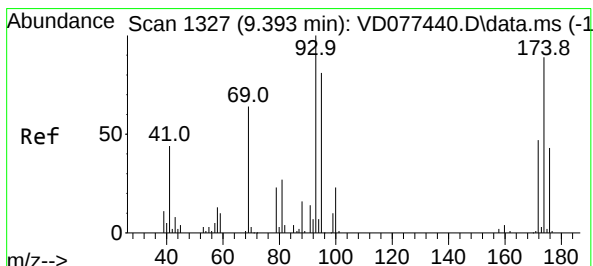
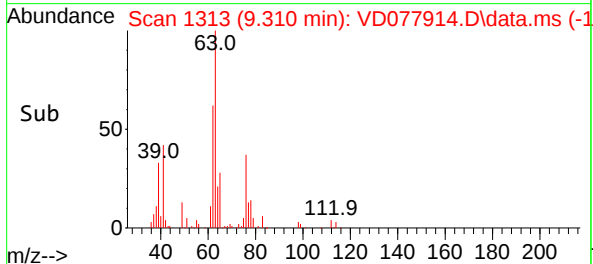
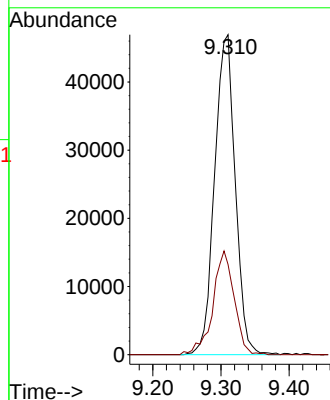
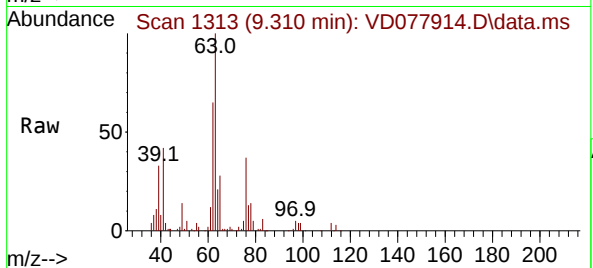
65 28.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#46

Dibromomethane

Concen: 59.740 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

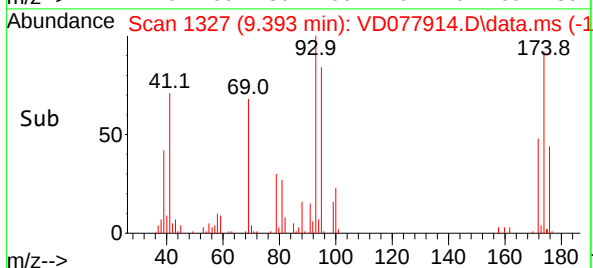
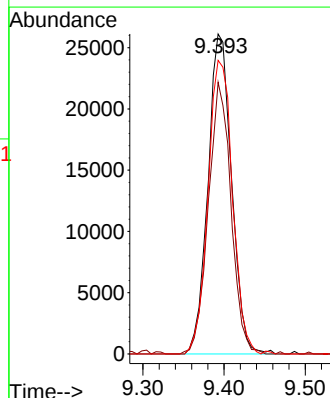
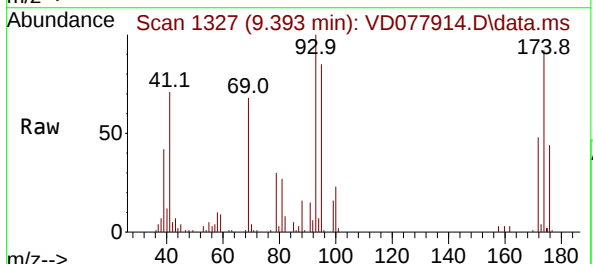
Tgt Ion: 93 Resp: 52827

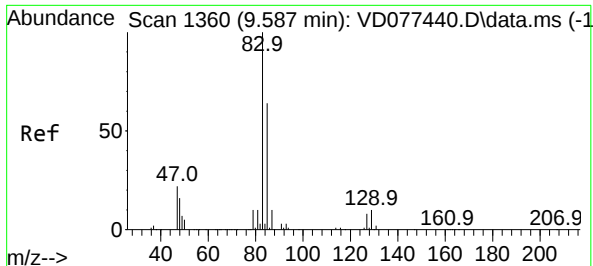
Ion Ratio Lower Upper

93 100

95 81.6 67.7 101.5

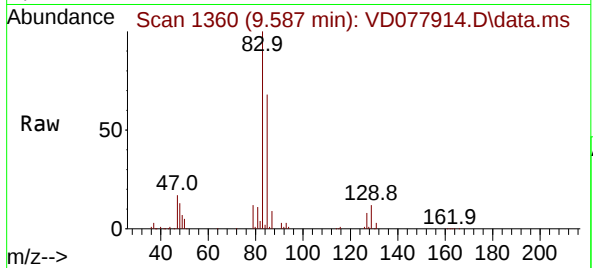
174 95.0 85.4 128.2





#47
Bromodichloromethane
Concen: 57.974 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

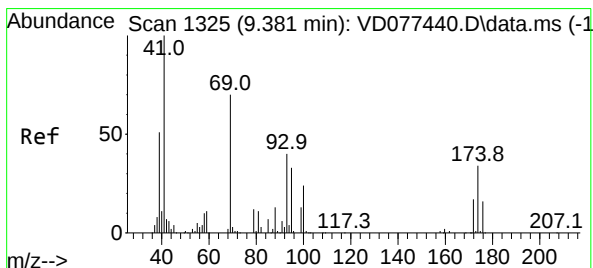
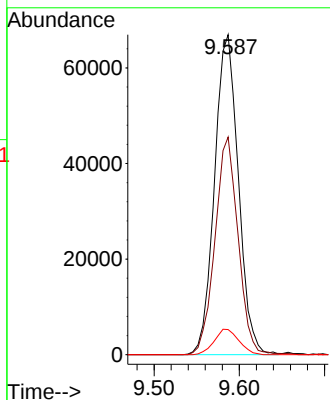
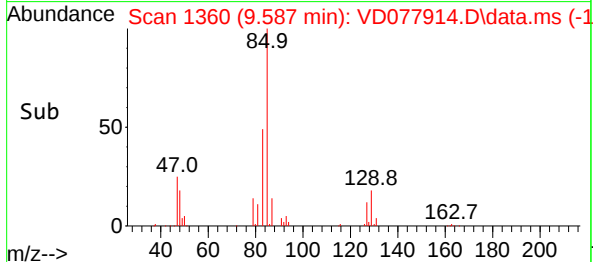
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



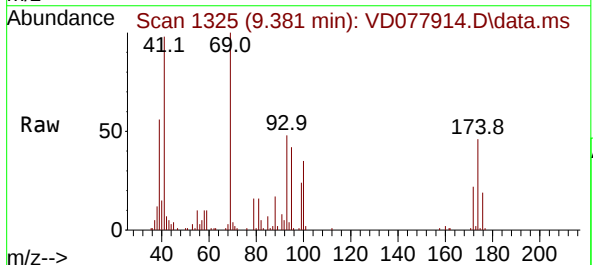
Tgt Ion: 83 Resp: 129939
Ion Ratio Lower Upper
83 100
85 68.0 50.2 75.4
127 7.9 6.3 9.5

Manual Integrations
APPROVED

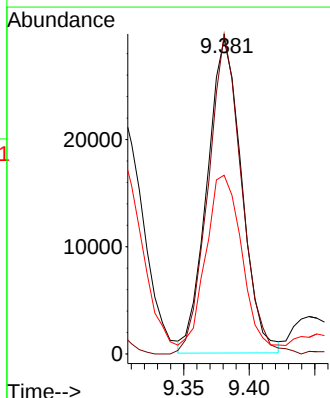
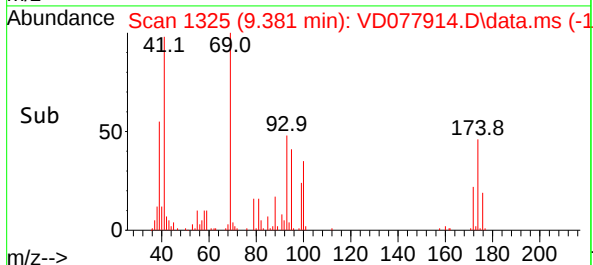
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

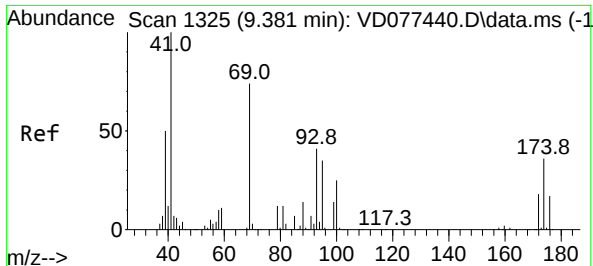


#48
Methyl methacrylate
Concen: 56.474 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



Tgt Ion: 41 Resp: 53898
Ion Ratio Lower Upper
41 100
69 97.8 102.2 153.2#
39 55.2 41.4 62.2





#49

1,4-Dioxane

Concen: 1174.977 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 1031

Ion Ratio Lower Upper

88 100

43 37.1 19.0 28.6

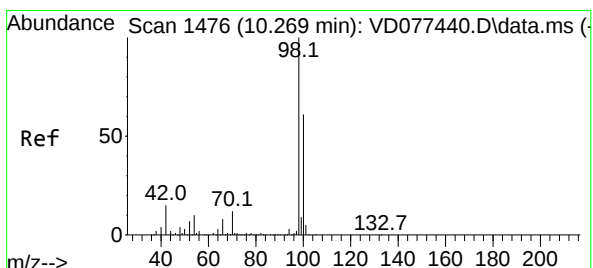
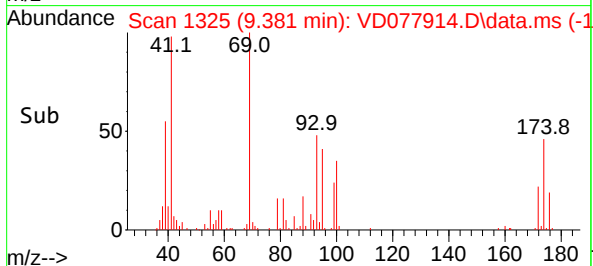
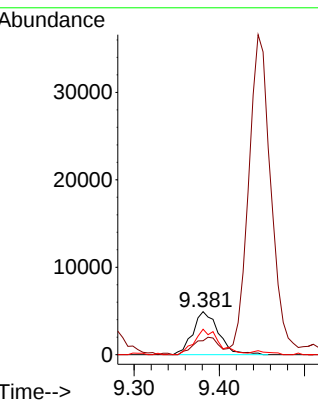
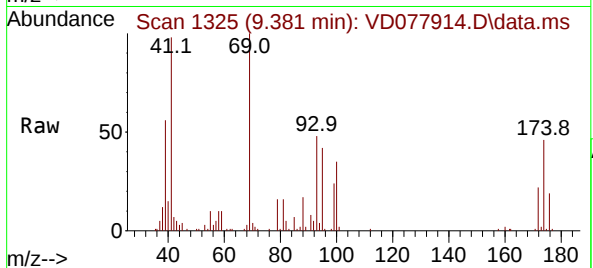
58 57.2 43.5 65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#50

Toluene-d8

Concen: 56.699 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077914.D

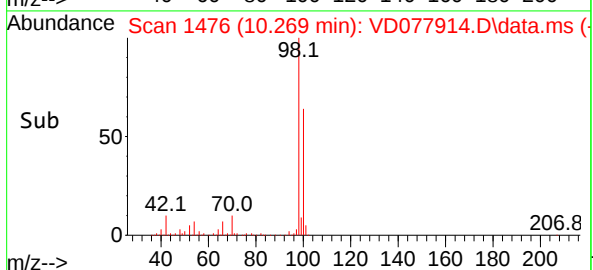
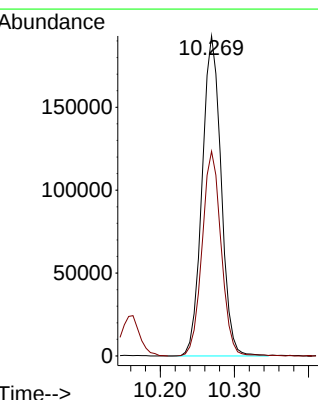
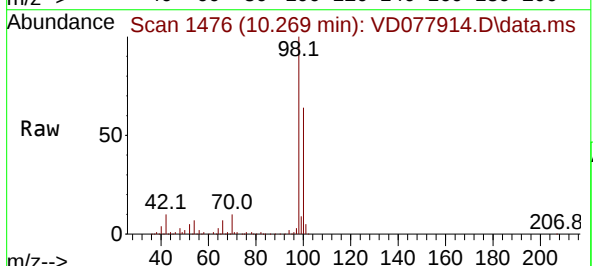
Acq: 15 Dec 2023 20:53

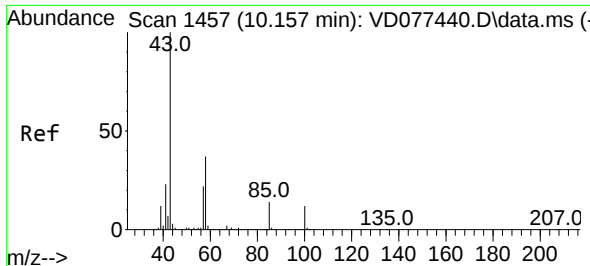
Tgt Ion: 98 Resp: 343884

Ion Ratio Lower Upper

98 100

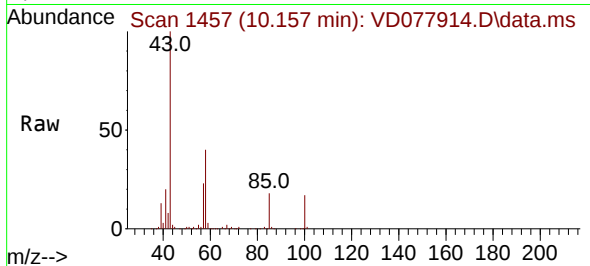
100 63.9 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 282.769 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

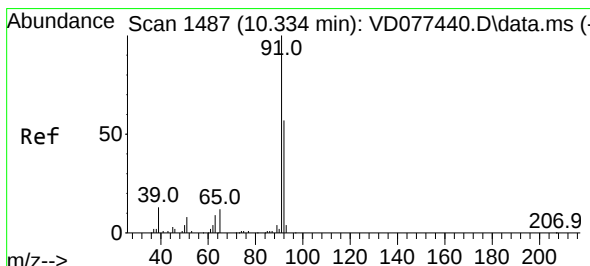
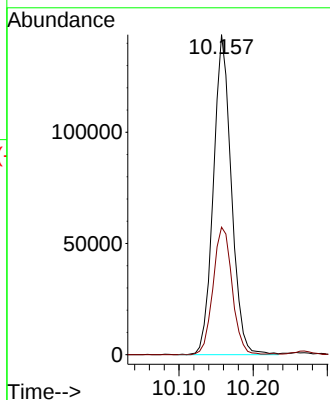
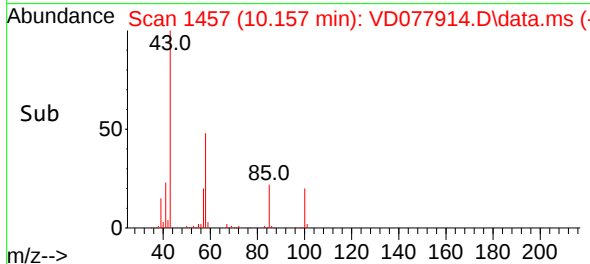
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



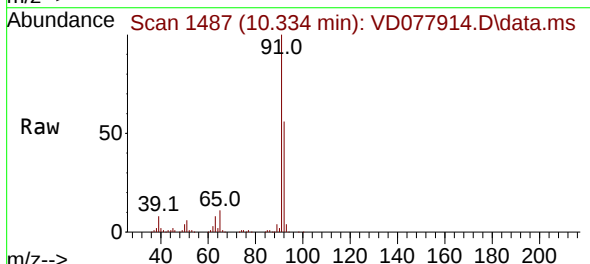
Tgt Ion: 43 Resp: 242294
Ion Ratio Lower Upper
43 100
58 42.2 38.9 58.3

Manual Integrations
APPROVED

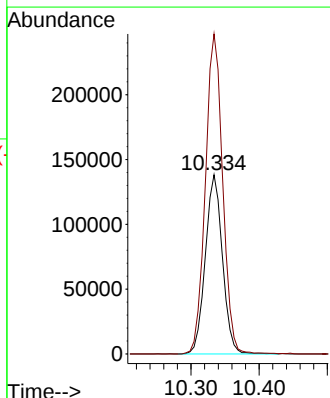
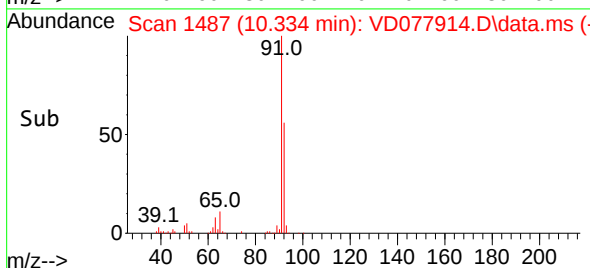
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

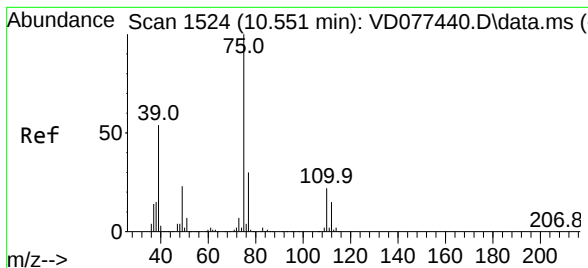


#52
Toluene
Concen: 56.666 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



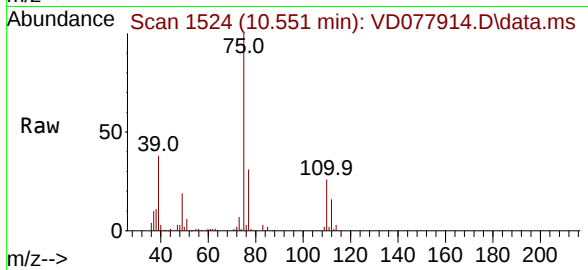
Tgt Ion: 92 Resp: 241650
Ion Ratio Lower Upper
92 100
91 180.4 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 58.300 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

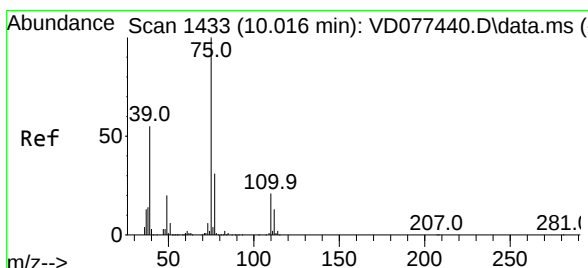
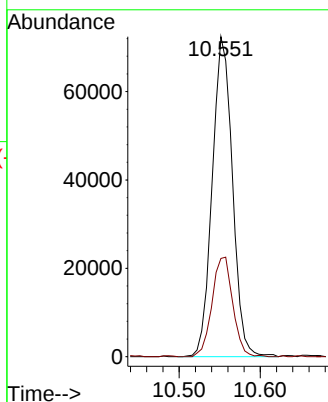
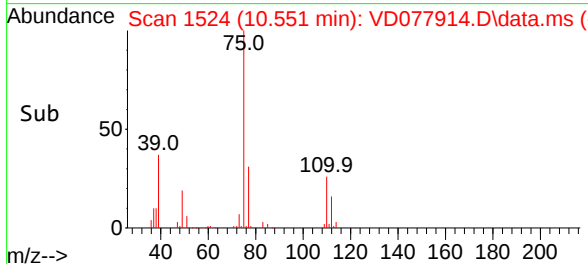
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



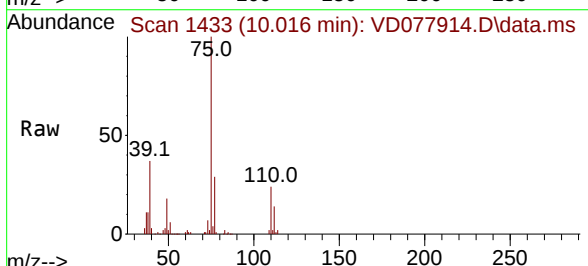
Tgt Ion: 75 Resp: 12548
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9

Manual Integrations
APPROVED

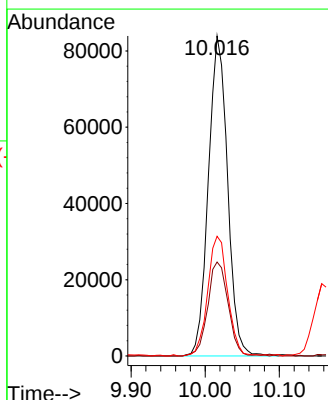
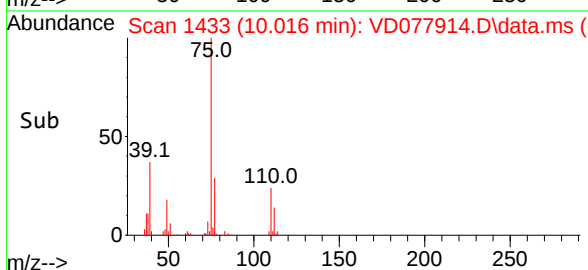
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

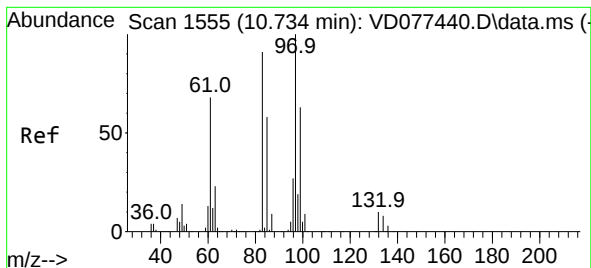


#54
cis-1,3-Dichloropropene
Concen: 58.058 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



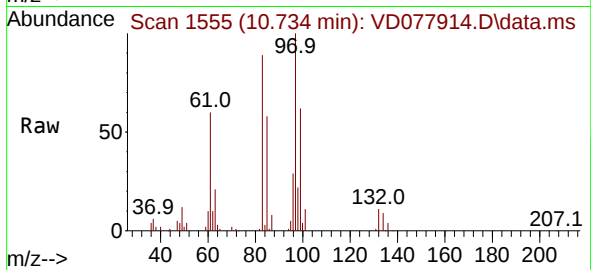
Tgt Ion: 75 Resp: 151084
Ion Ratio Lower Upper
75 100
77 29.3 25.5 38.3
39 37.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 60.044 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

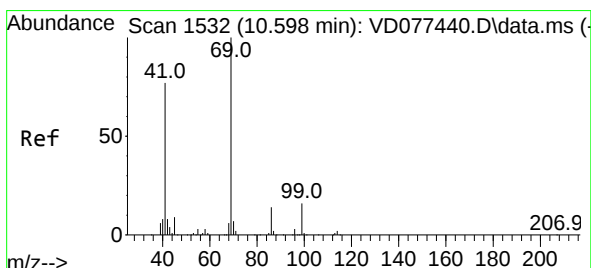
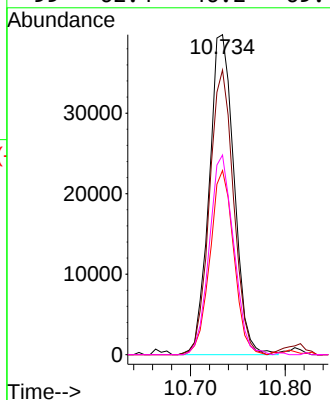
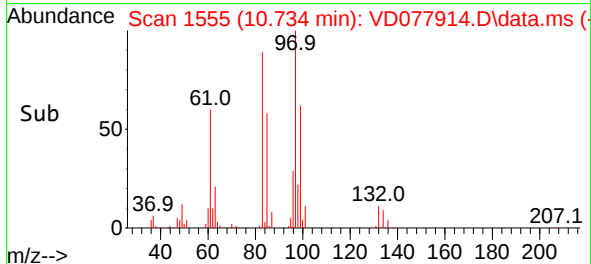
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



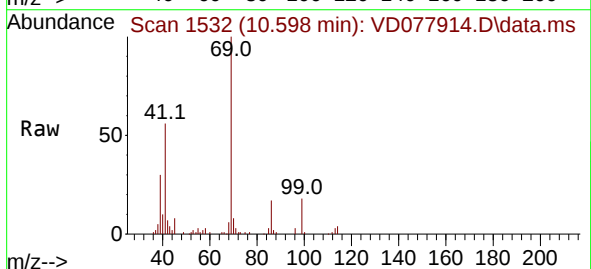
Tgt Ion:	97	Resp:	7262
Ion	Ratio	Lower	Upper
97	100		
83	89.0	65.8	98.6
85	57.6	45.7	68.5
99	62.4	46.2	69.4

Manual Integrations
APPROVED

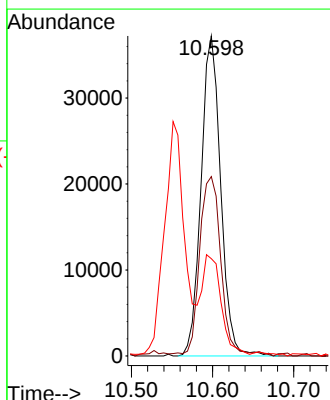
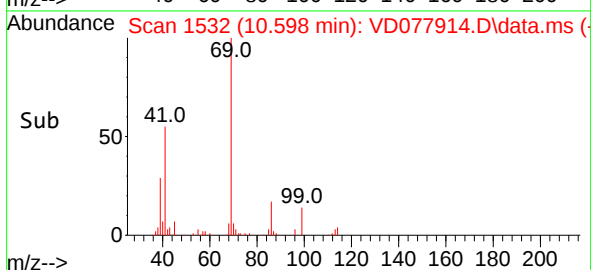
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

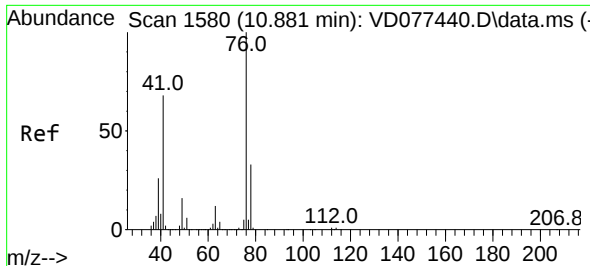


#56
Ethyl methacrylate
Concen: 58.654 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



Tgt Ion:	69	Resp:	62540
Ion	Ratio	Lower	Upper
69	100		
41	61.1	39.1	58.7#
39	29.6	20.0	30.0





#57

1,3-Dichloropropane

Concen: 59.448 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 123940

Ion Ratio Lower Upper

76 100

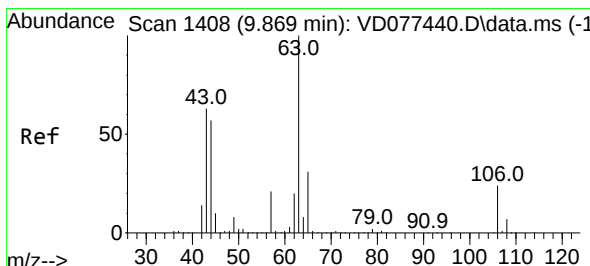
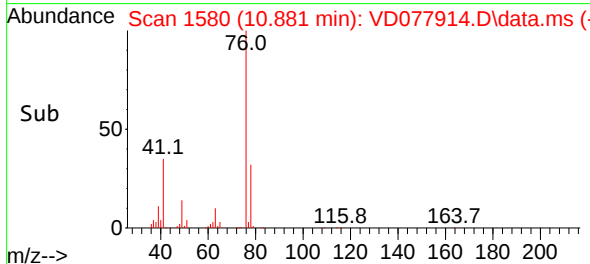
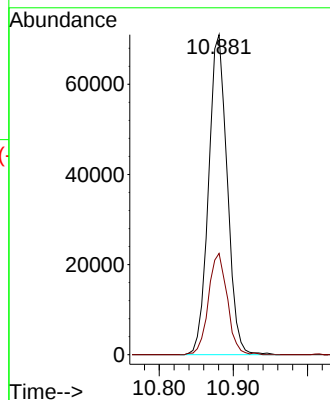
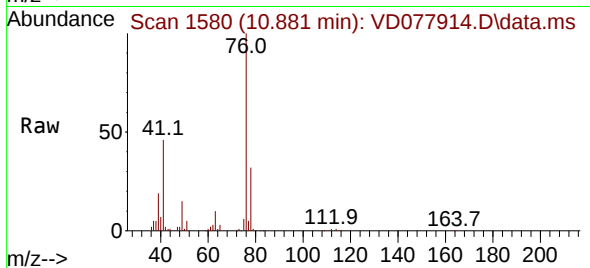
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 245.143 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077914.D

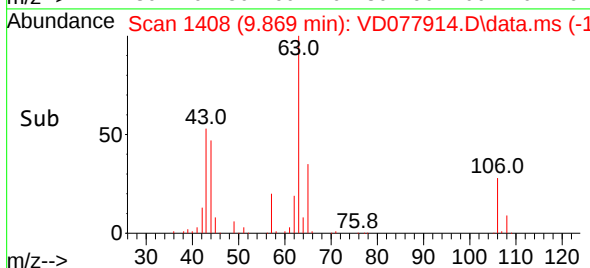
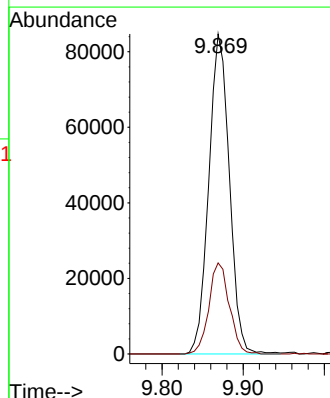
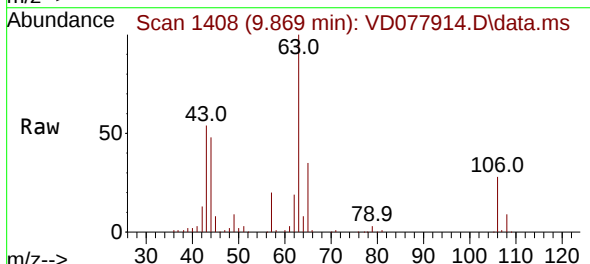
Acq: 15 Dec 2023 20:53

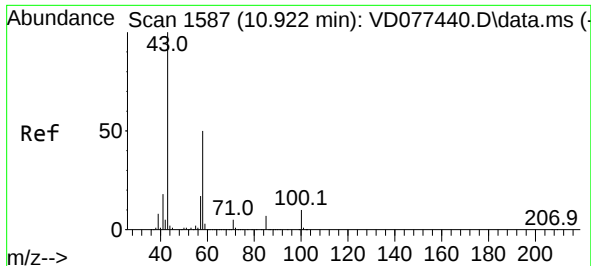
Tgt Ion: 63 Resp: 149062

Ion Ratio Lower Upper

63 100

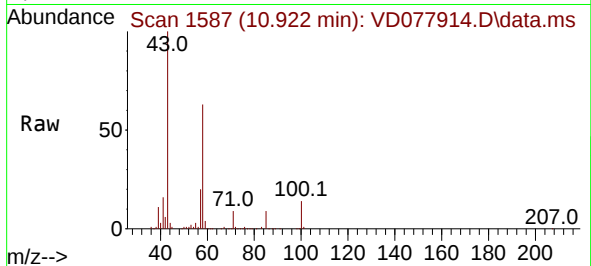
106 28.2 25.3 37.9





#59
2-Hexanone
Concen: 240.576 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

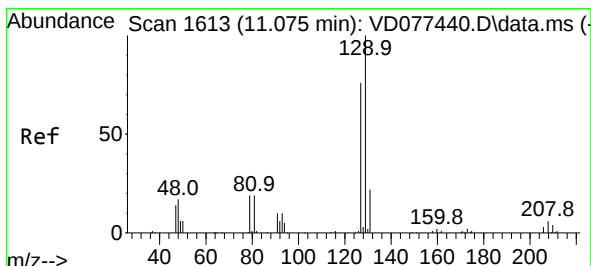
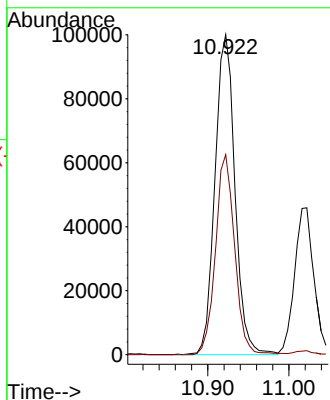
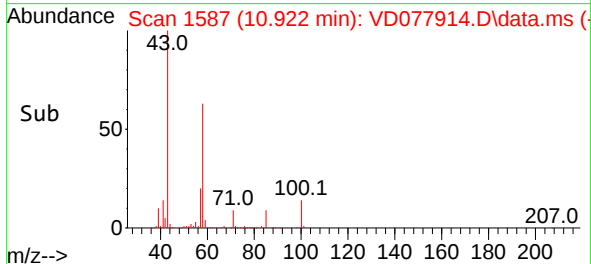
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 171024
Ion Ratio Lower Upper
43 100
58 60.0 34.1 102.2

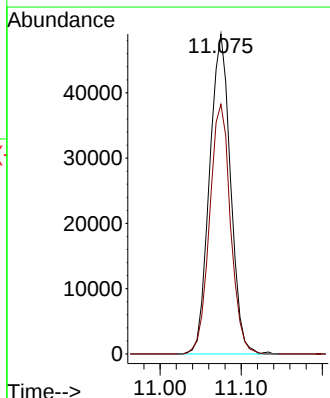
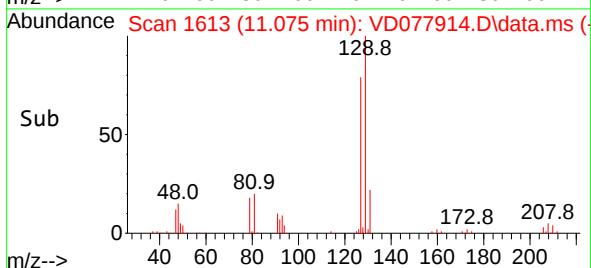
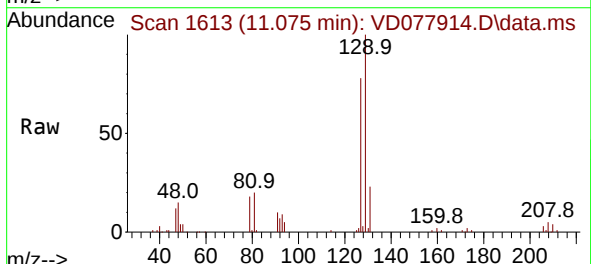
Manual Integrations
APPROVED

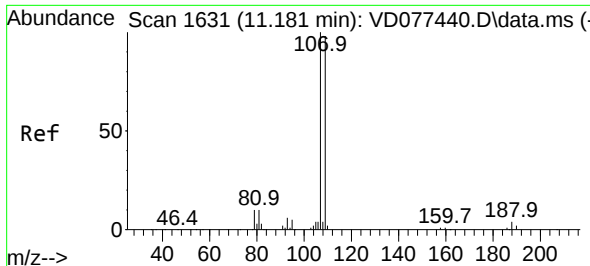
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 60.330 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

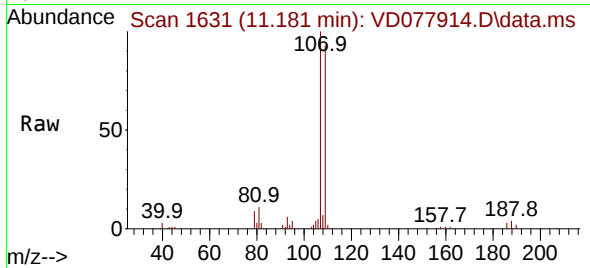
Tgt Ion:129 Resp: 87857
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5





#61
1,2-Dibromoethane
Concen: 58.606 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

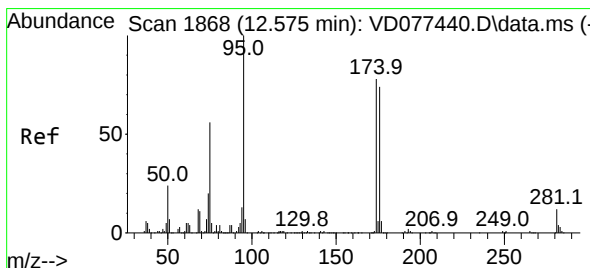
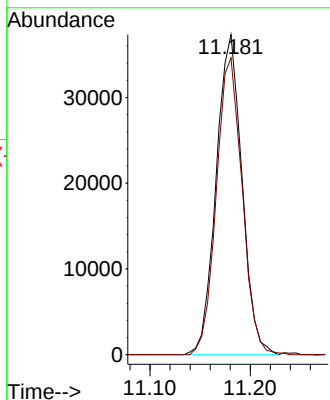
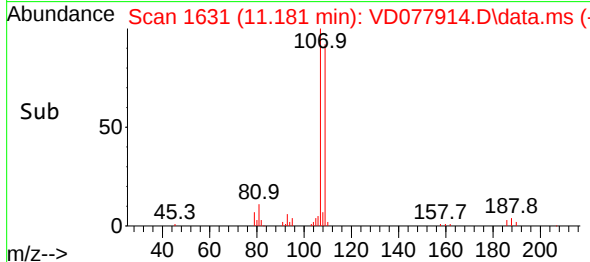
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



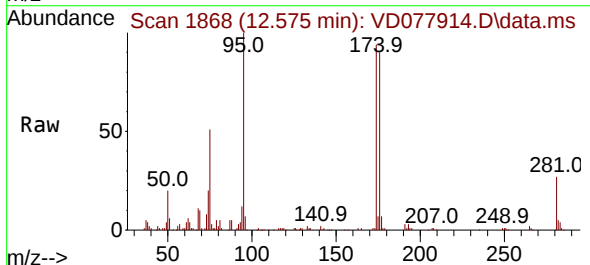
Tgt Ion:107 Resp: 66728
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4

Manual Integrations
APPROVED

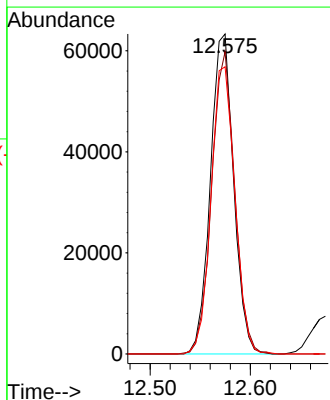
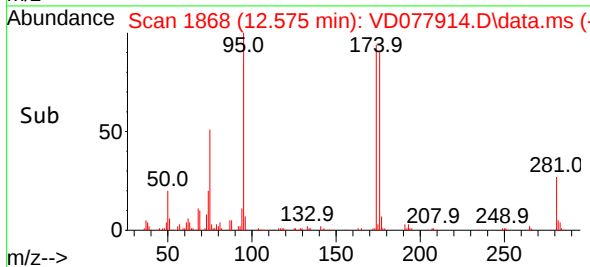
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

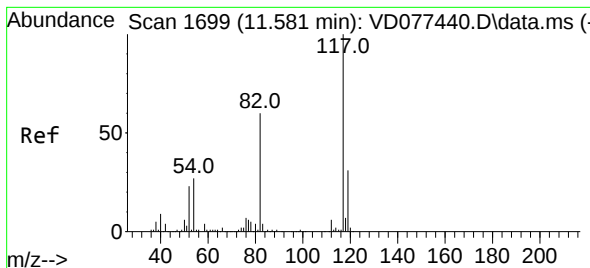


#62
4-Bromofluorobenzene
Concen: 56.266 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



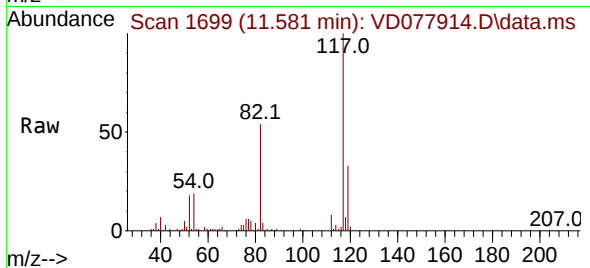
Tgt Ion: 95 Resp: 102026
Ion Ratio Lower Upper
95 100
174 93.3 0.0 201.8
176 92.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

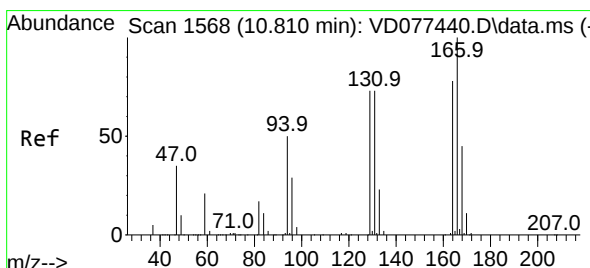
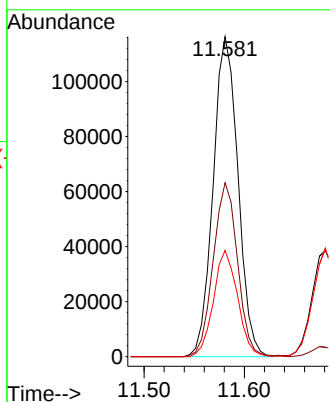
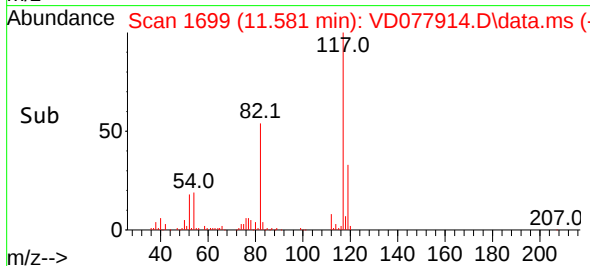
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



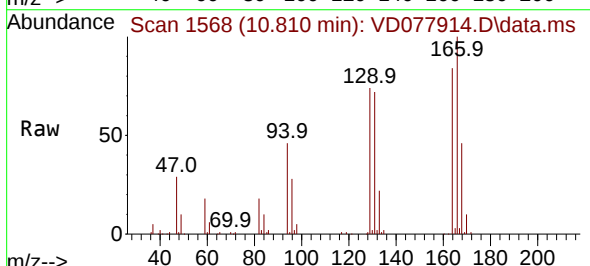
Tgt Ion:117 Resp: 199760
Ion Ratio Lower Upper
117 100
82 54.4 38.3 57.5
119 33.2 25.0 37.4

Manual Integrations
APPROVED

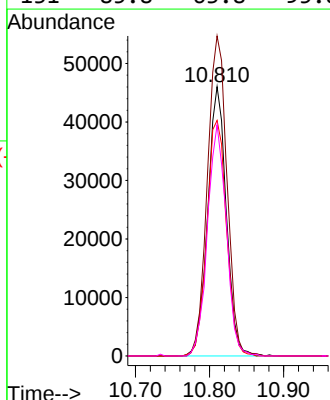
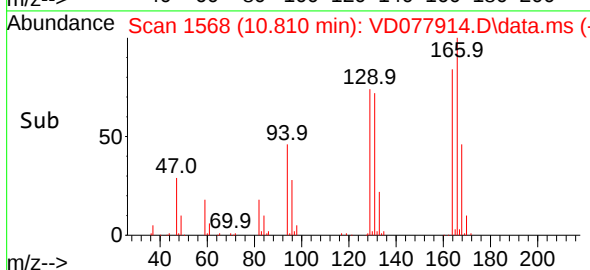
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

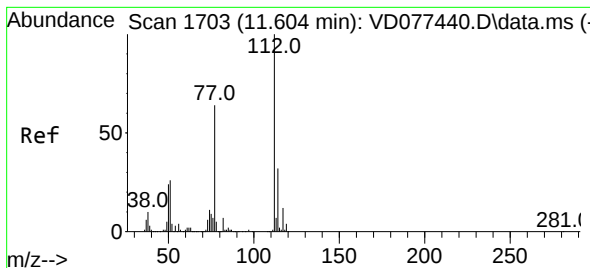


#64
Tetrachloroethene
Concen: 54.723 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



Tgt Ion:164 Resp: 80347
Ion Ratio Lower Upper
164 100
166 118.8 99.2 148.8
129 87.4 68.4 102.6
131 85.8 63.8 95.8





#65

Chlorobenzene

Concen: 54.649 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 256530

Ion Ratio Lower Upper

112 100

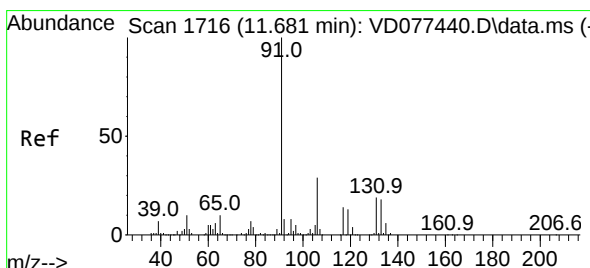
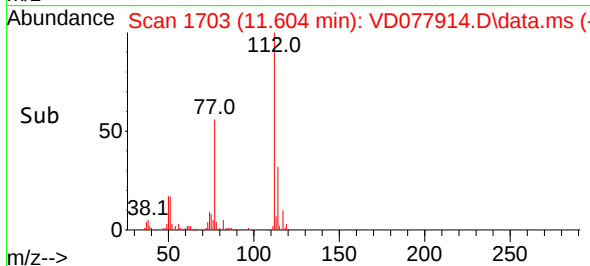
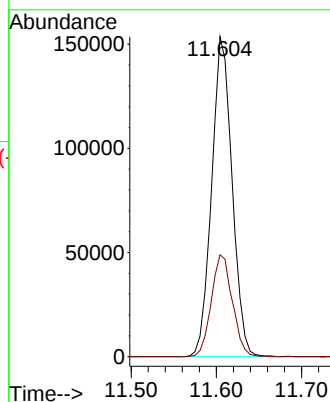
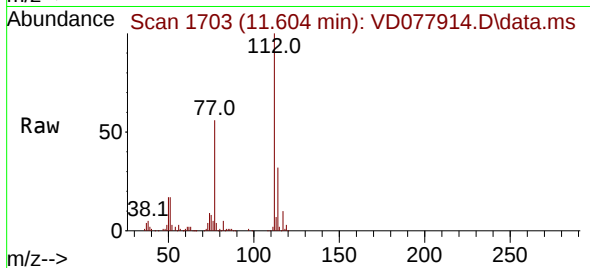
114 31.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 59.199 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

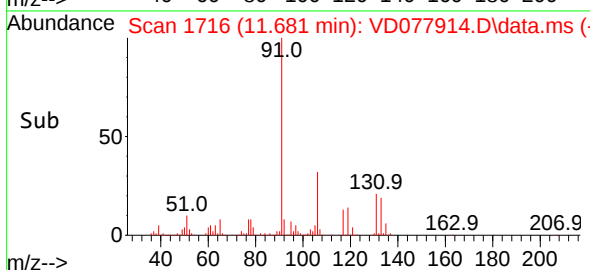
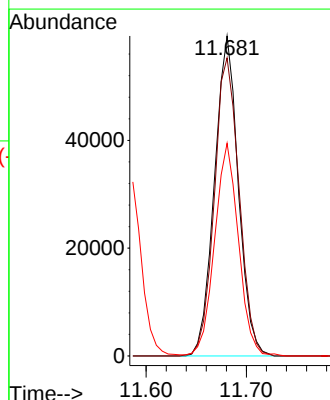
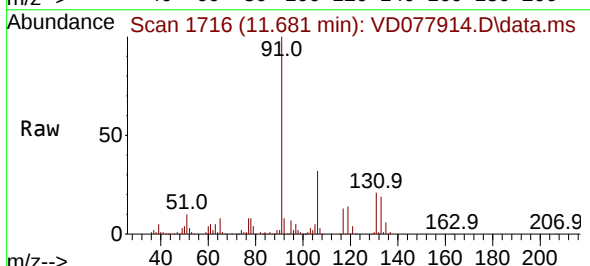
Tgt Ion:131 Resp: 98341

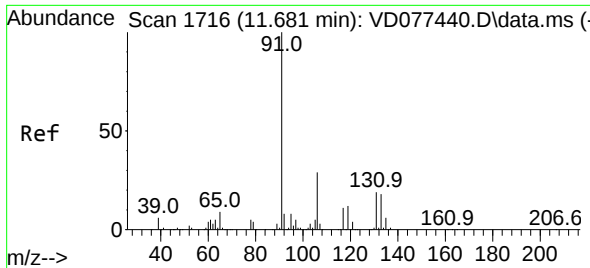
Ion Ratio Lower Upper

131 100

133 96.5 48.5 145.5

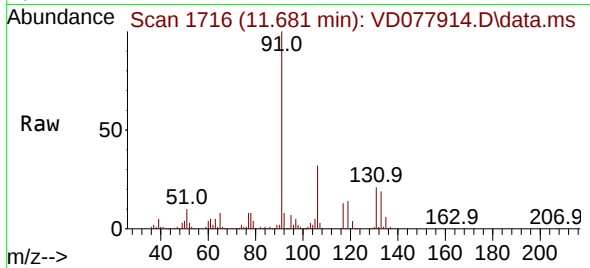
119 66.3 35.6 106.9





#67
Ethyl Benzene
Concen: 56.824 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

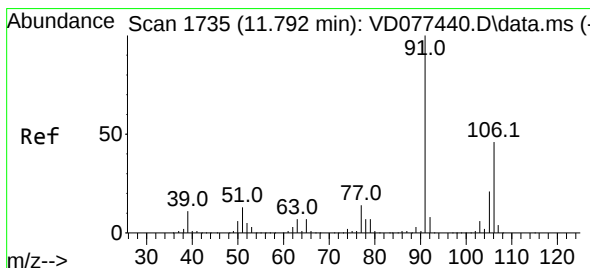
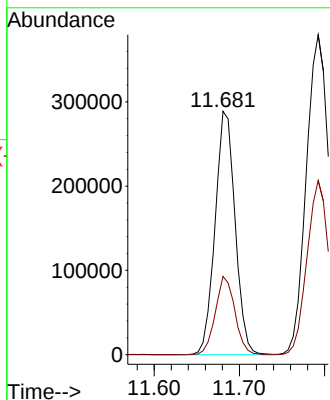
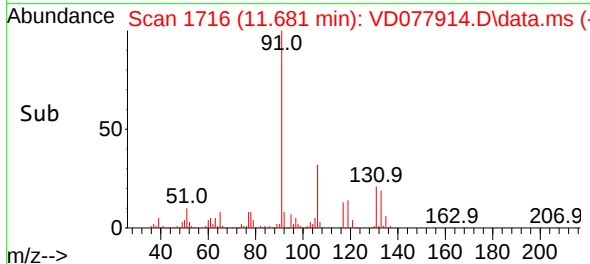
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 472600
Ion Ratio Lower Upper
91 100
106 32.1 26.5 39.7

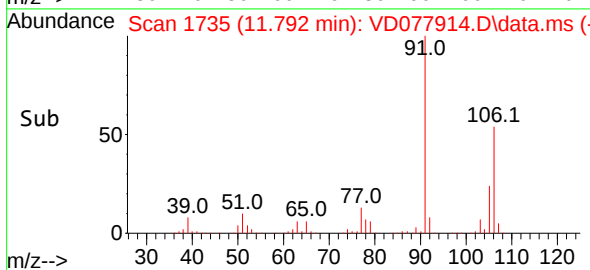
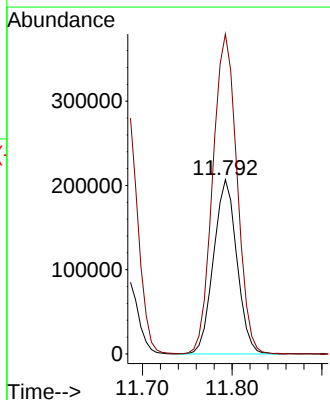
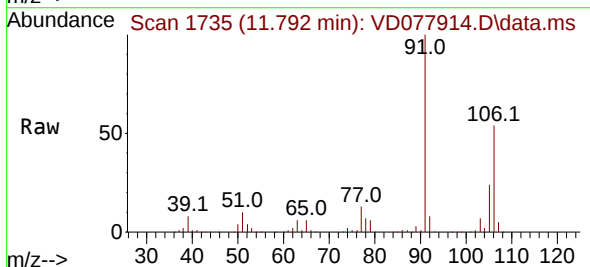
Manual Integrations
APPROVED

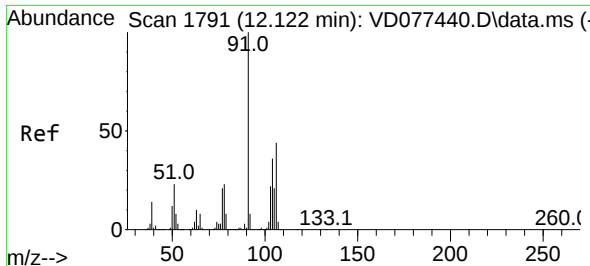
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#68
m/p-Xylenes
Concen: 117.354 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

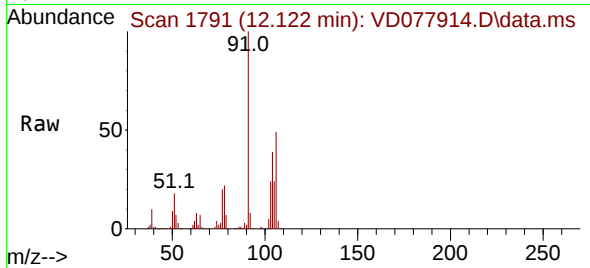
Tgt Ion:106 Resp: 373332
Ion Ratio Lower Upper
106 100
91 190.9 147.0 220.6





#69
o-Xylene
Concen: 58.775 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

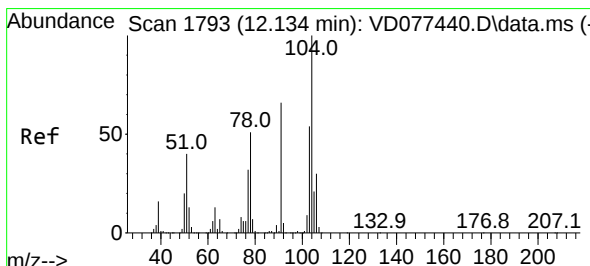
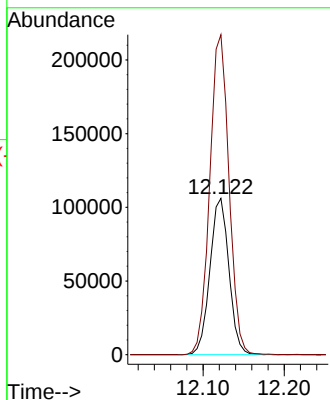
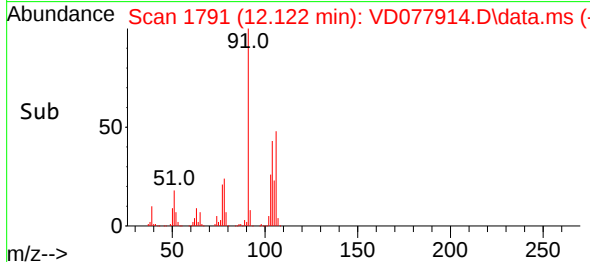
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



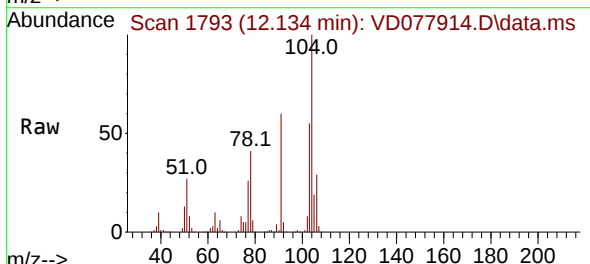
Tgt Ion:106 Resp: 17232
Ion Ratio Lower Upper
106 100
91 207.4 97.9 293.6

Manual Integrations
APPROVED

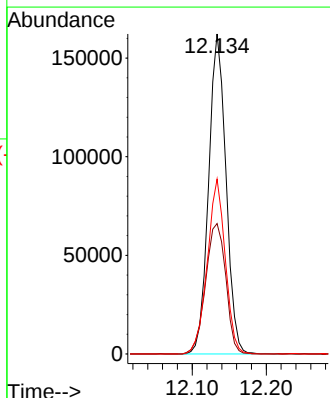
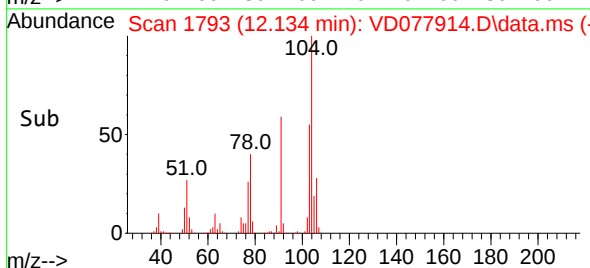
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

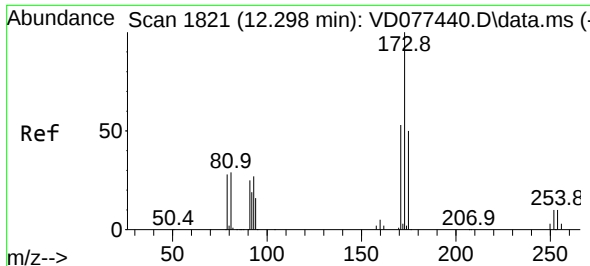


#70
Styrene
Concen: 60.581 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



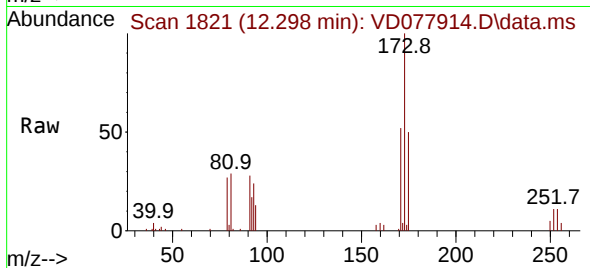
Tgt Ion:104 Resp: 264107
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 56.6 43.6 65.4





#71
Bromoform
Concen: 59.118 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

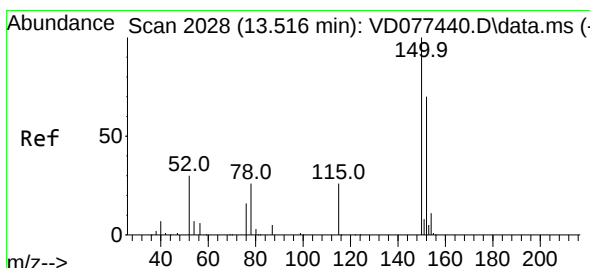
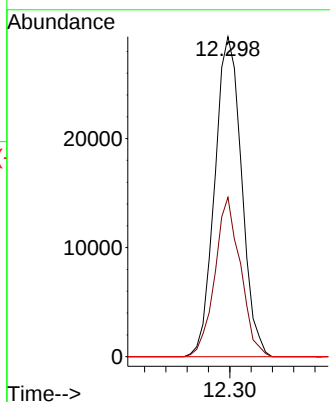
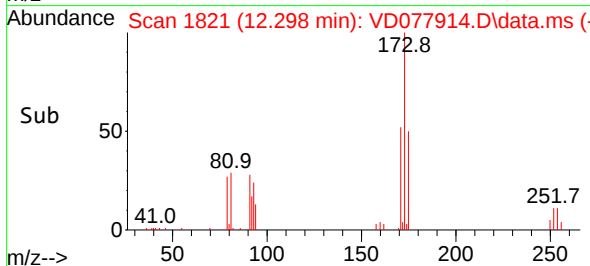
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 5131
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.8
254 0.0 0.0 0.0

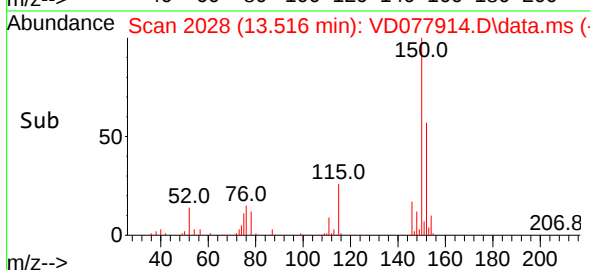
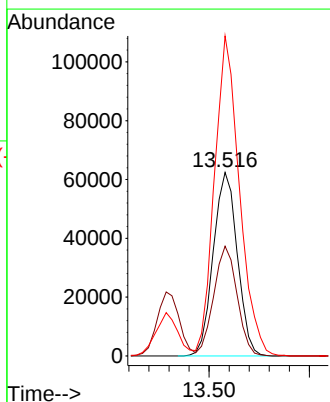
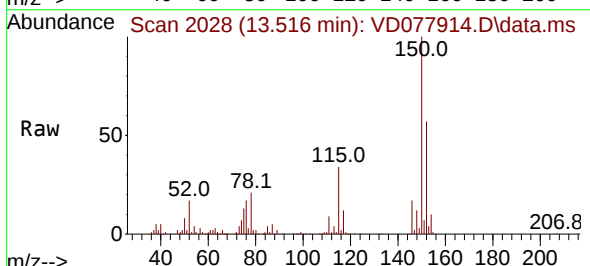
Manual Integrations
APPROVED

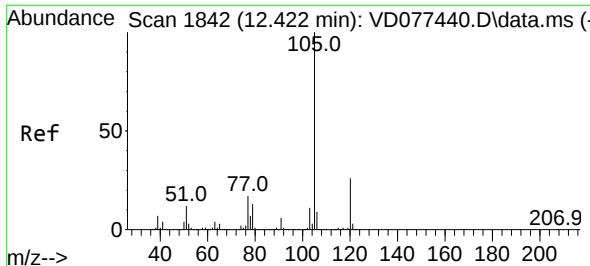
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

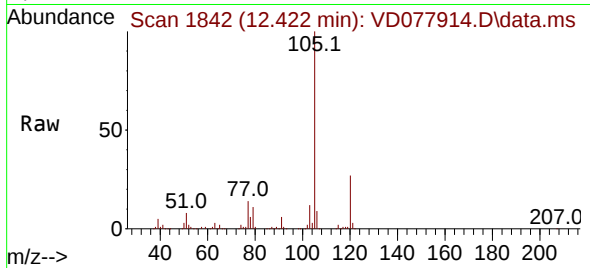
Tgt Ion:152 Resp: 103853
Ion Ratio Lower Upper
152 100
115 58.0 27.1 81.3
150 180.9 0.0 353.6





#73
Isopropylbenzene
Concen: 56.506 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

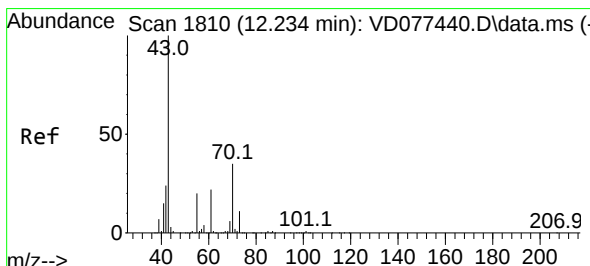
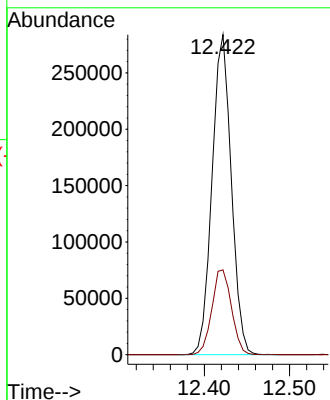
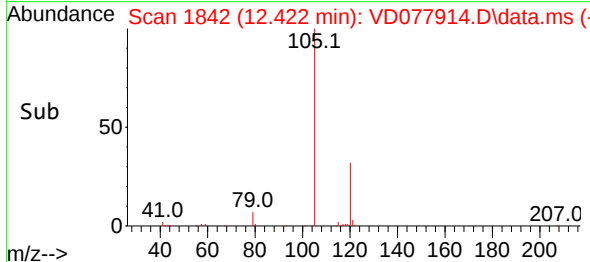
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 444764
Ion Ratio Lower Upper
105 100
120 27.0 14.3 42.9

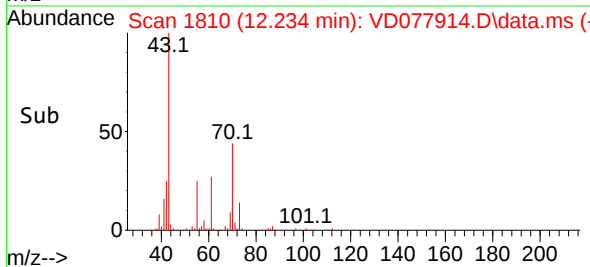
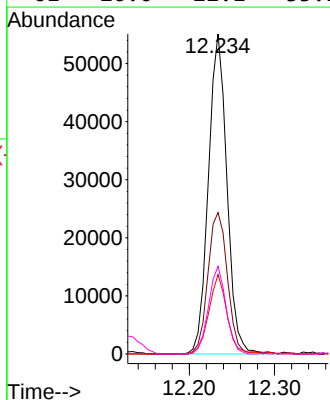
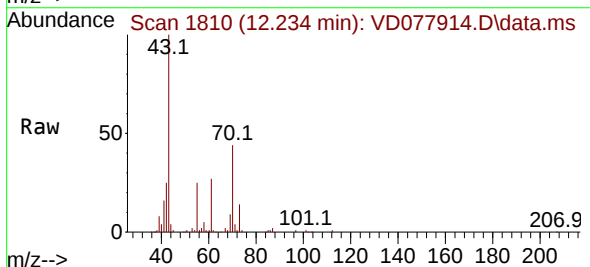
Manual Integrations
APPROVED

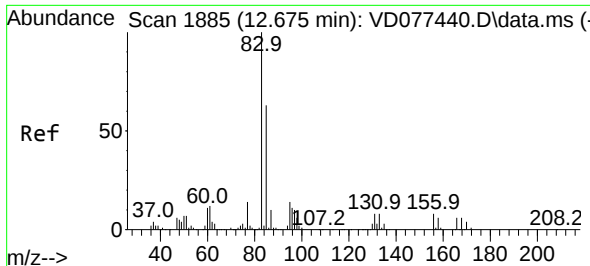
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#74
N-ethyl acetate
Concen: 53.824 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

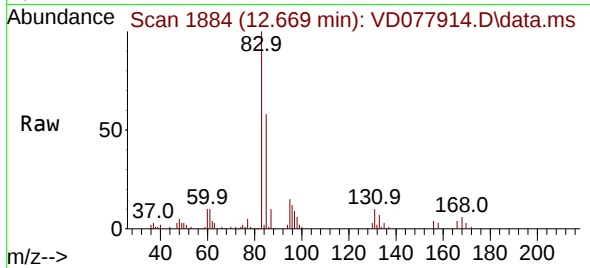
Tgt Ion: 43 Resp: 83278
Ion Ratio Lower Upper
43 100
70 46.8 45.0 67.4
55 24.0 23.8 35.6
61 26.0 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 59.461 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

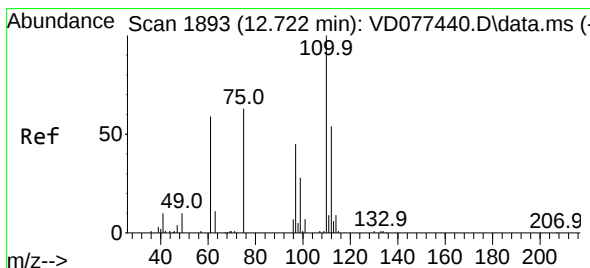
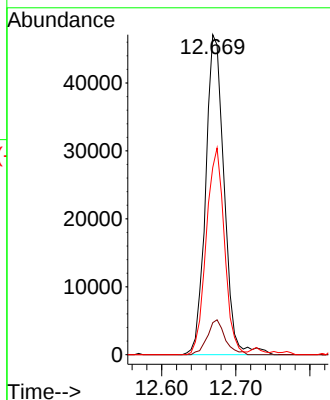
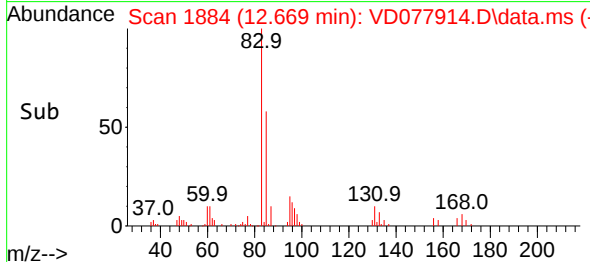
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 81600
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 63.4 32.6 97.8

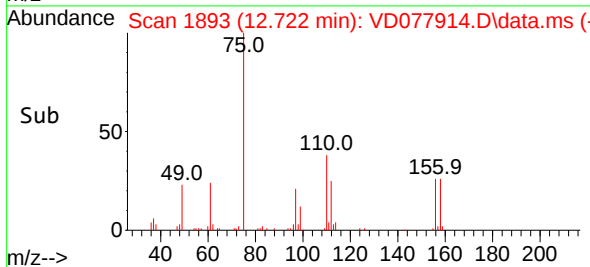
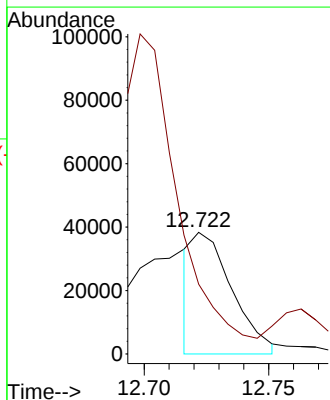
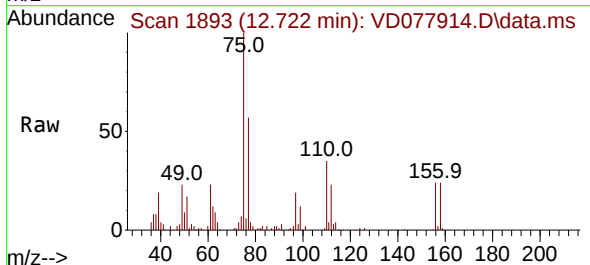
Manual Integrations
APPROVED

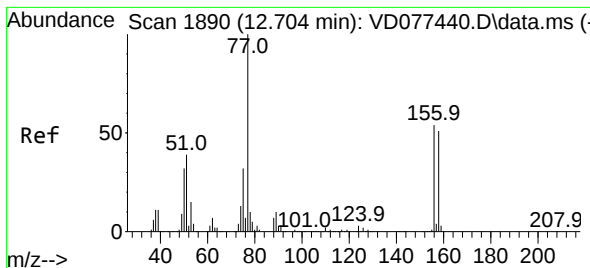
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#76
1,2,3-Trichloropropane
Concen: 46.915 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 75 Resp: 42316
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 58.777 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

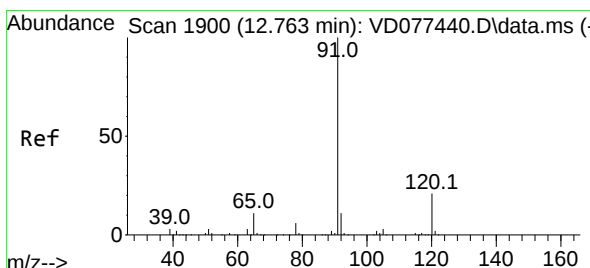
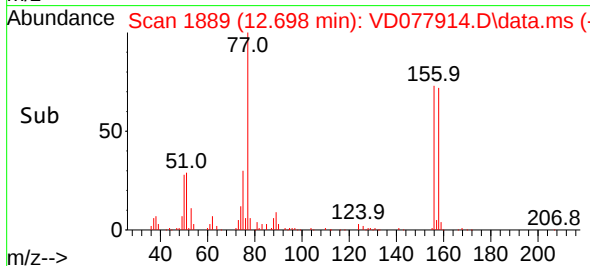
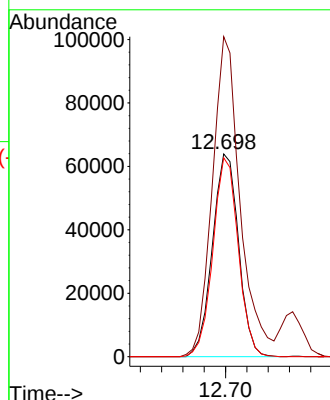
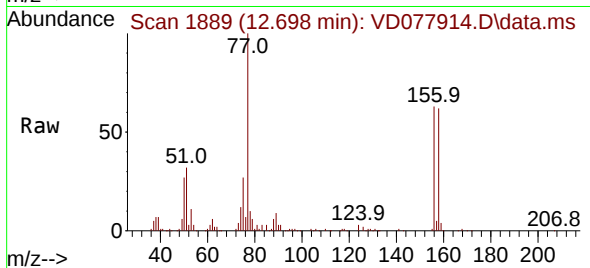
VSTDCCC050

Tgt Ion:	156	Resp:	108819
Ion Ratio	Lower	Upper	
156	100		
77	167.9	76.8	230.4
158	95.1	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#78

n-propylbenzene

Concen: 55.857 ug/l

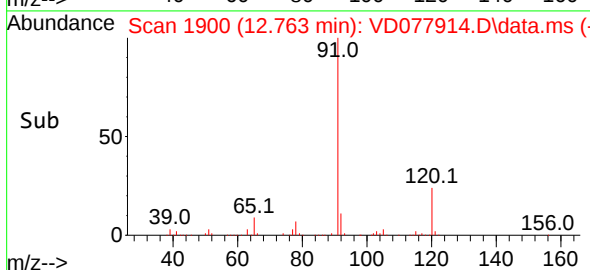
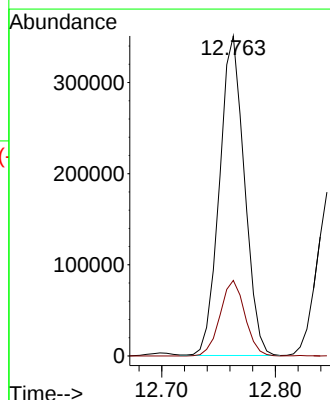
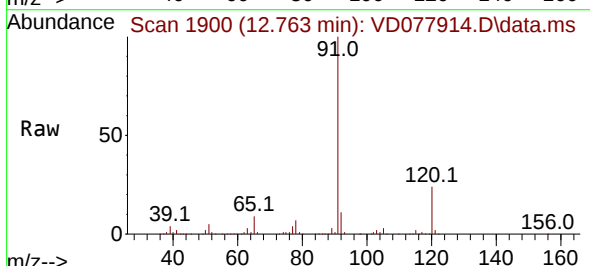
RT: 12.763 min Scan# 1900

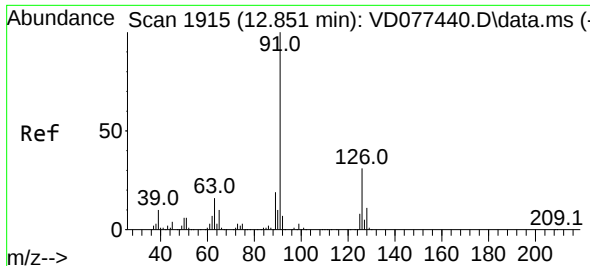
Delta R.T. 0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Tgt Ion:	91	Resp:	535741
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.4	37.2





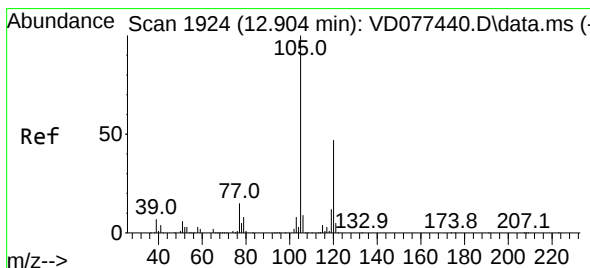
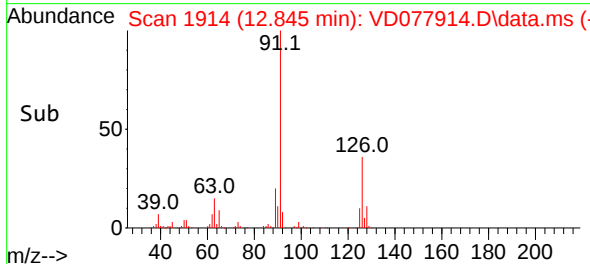
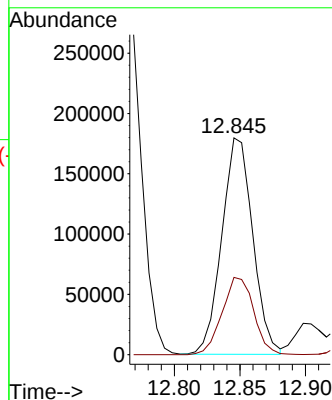
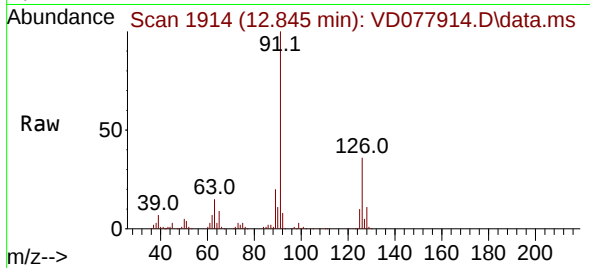
#79
2-Chlorotoluene
Concen: 57.466 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 295378
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1

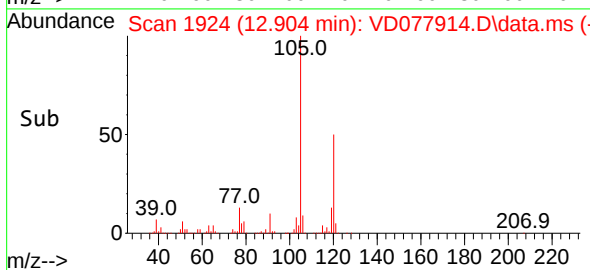
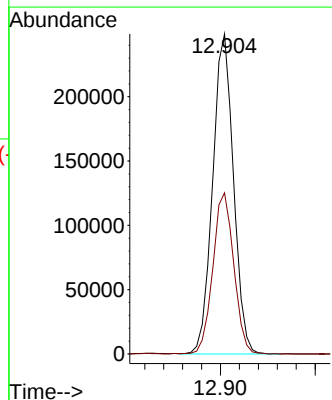
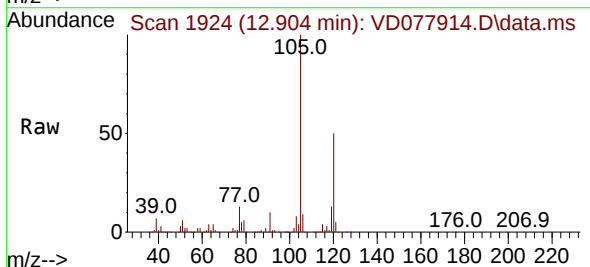
Manual Integrations
APPROVED

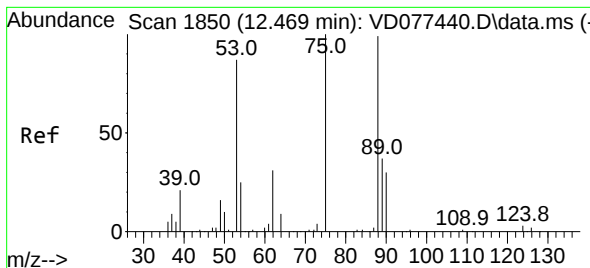
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.854 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion:105 Resp: 379801
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2





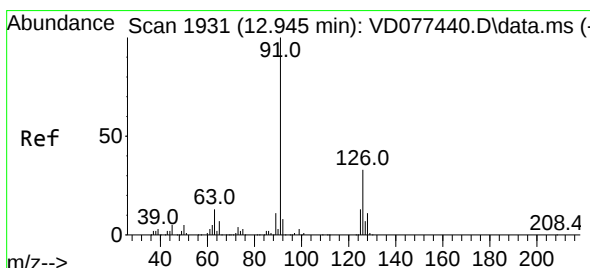
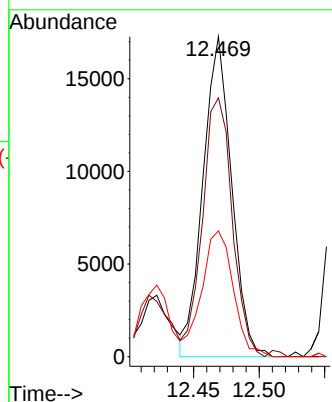
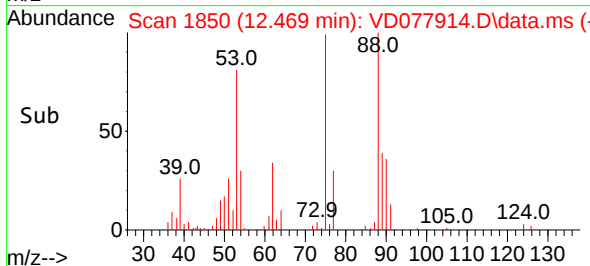
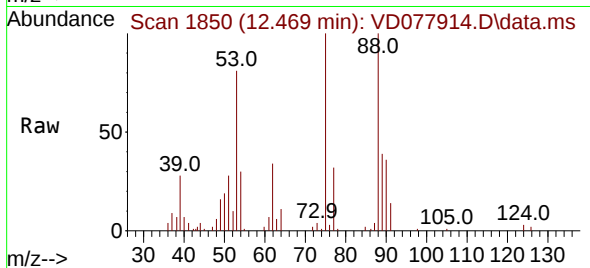
#81
trans-1,4-Dichloro-2-butene
Concen: 58.897 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 26220
Ion Ratio Lower Upper
75 100
53 84.1 63.0 94.4
89 43.5 37.9 56.9

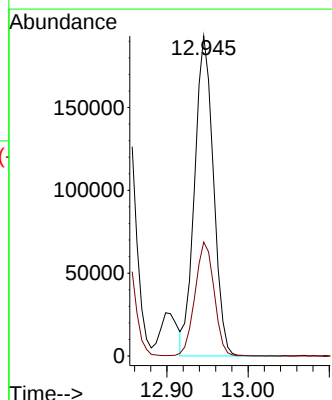
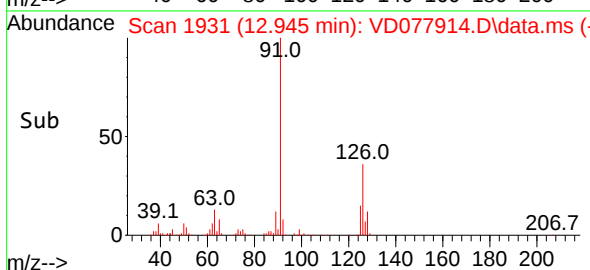
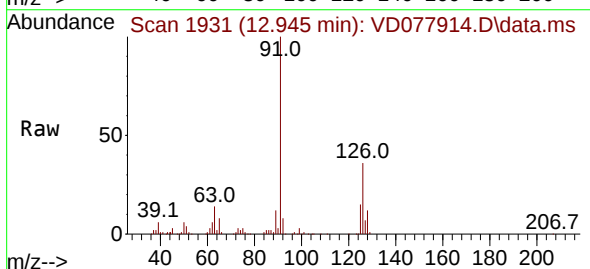
Manual Integrations
APPROVED

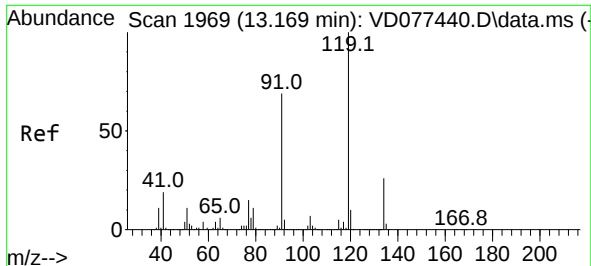
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#82
4-Chlorotoluene
Concen: 57.950 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 91 Resp: 311393
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





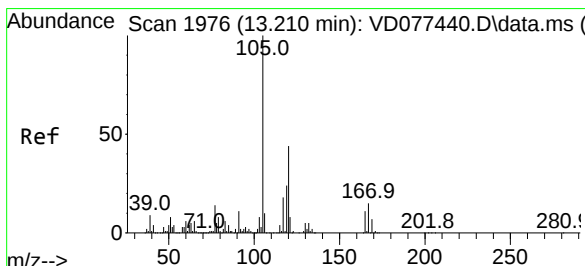
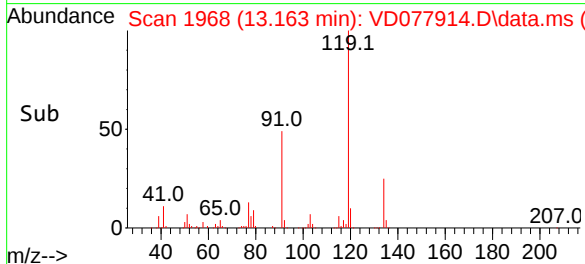
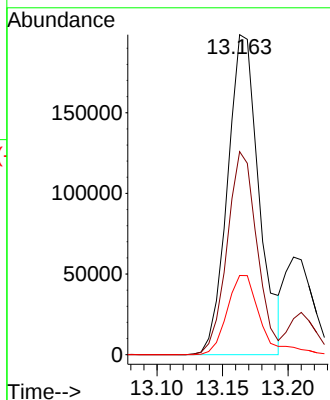
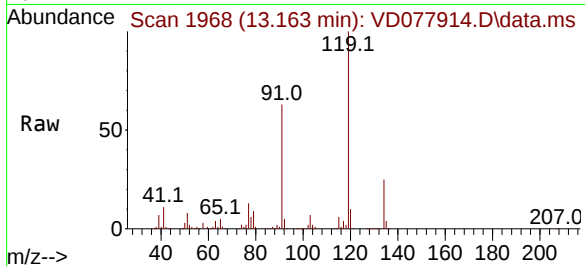
#83
tert-Butylbenzene
Concen: 59.921 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 332097
Ion Ratio Lower Upper
119 100
91 60.3 29.3 87.8
134 26.3 14.1 42.3

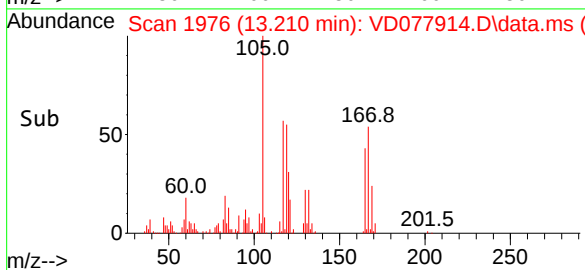
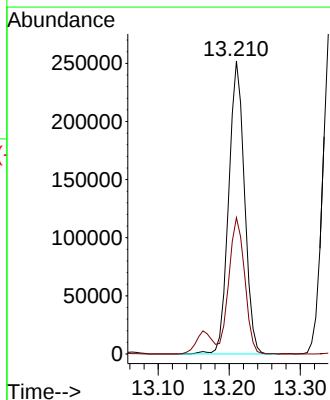
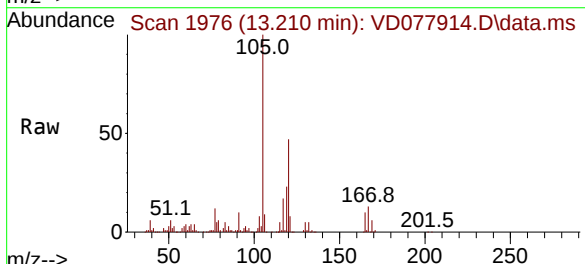
Manual Integrations
APPROVED

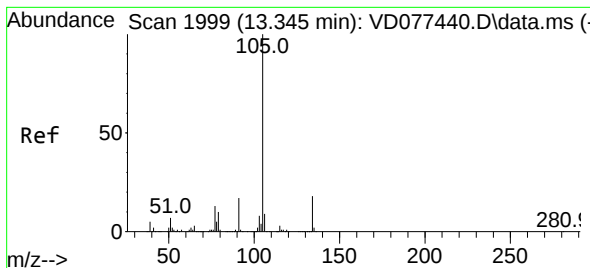
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 59.253 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

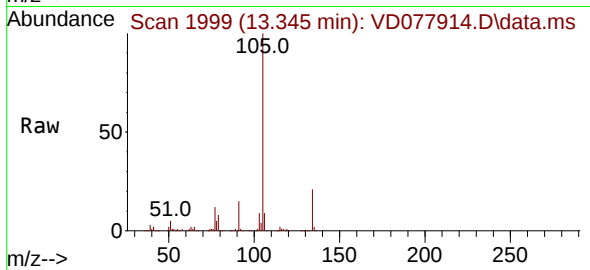
Tgt Ion:105 Resp: 389058
Ion Ratio Lower Upper
105 100
120 46.8 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 57.190 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

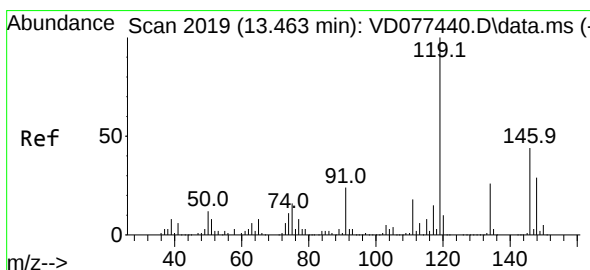
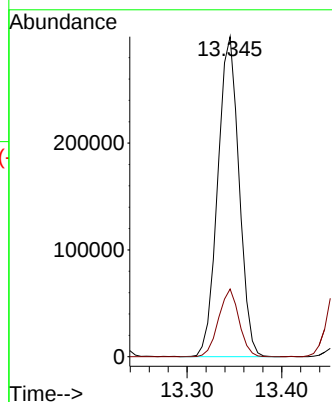
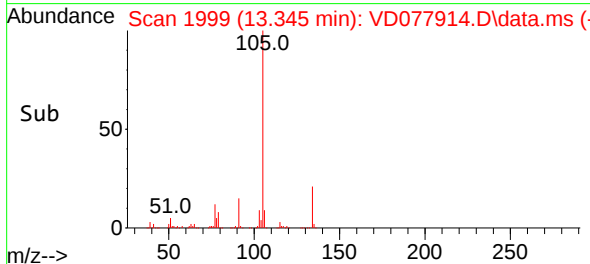
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



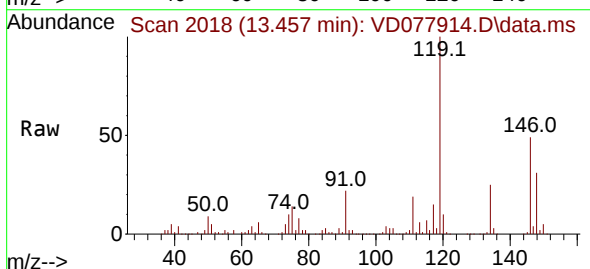
Tgt Ion:105 Resp: 468515
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9

Manual Integrations
 APPROVED

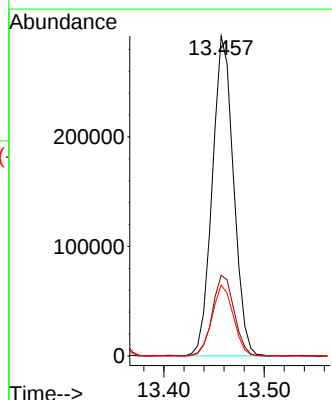
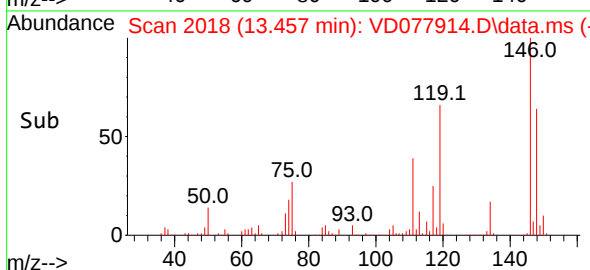
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

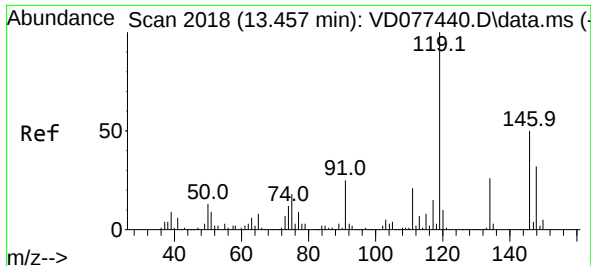


#86
 p-Isopropyltoluene
 Concen: 58.578 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53



Tgt Ion:119 Resp: 429654
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 58.922 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 22308

Ion Ratio Lower Upper

146 100

111 38.0 17.9 53.8

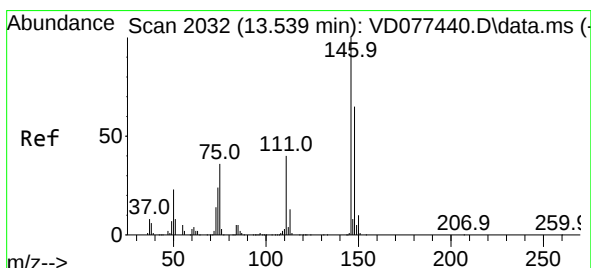
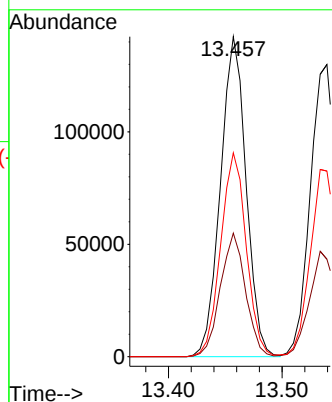
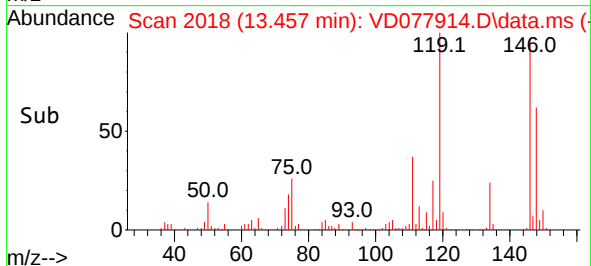
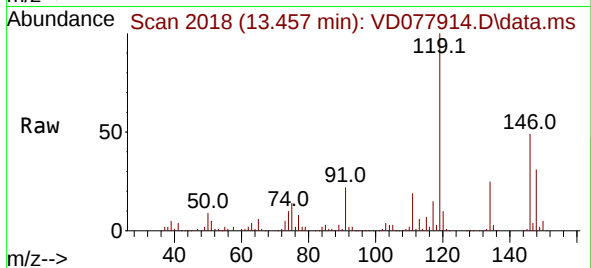
148 63.5 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#88

1,4-Dichlorobenzene

Concen: 56.938 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

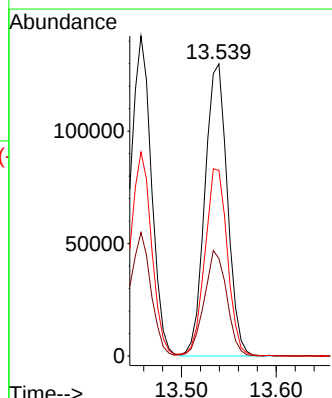
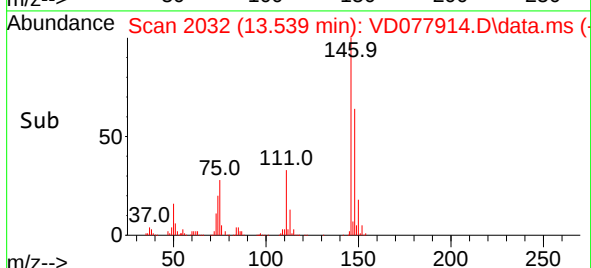
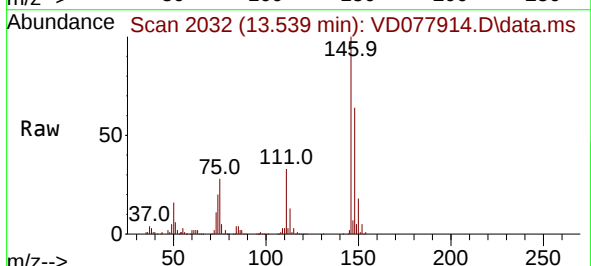
Tgt Ion:146 Resp: 214327

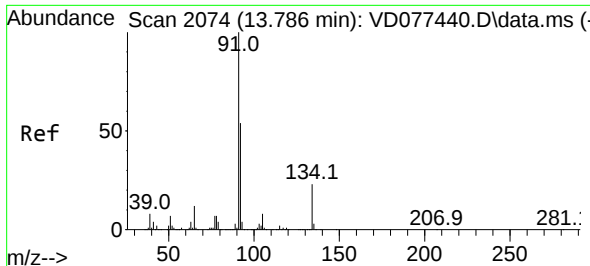
Ion Ratio Lower Upper

146 100

111 36.1 17.4 52.3

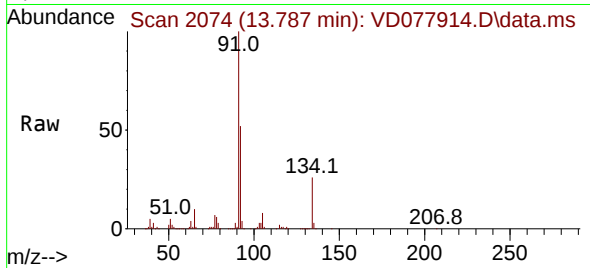
148 64.0 31.7 95.1





#89
n-Butylbenzene
Concen: 55.923 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

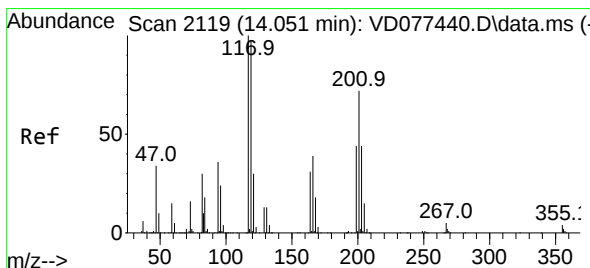
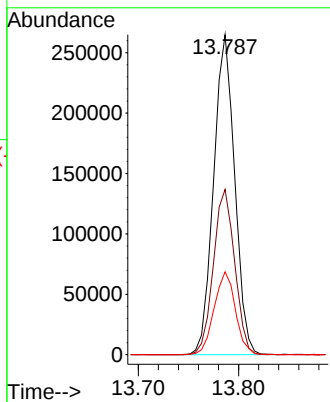
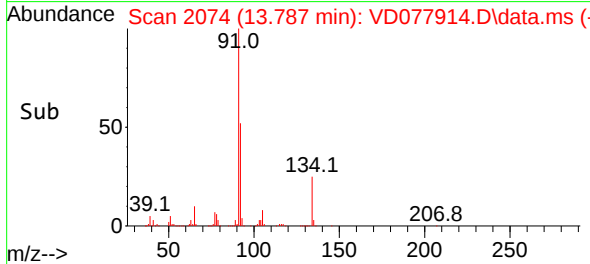
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 38596
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 26.1 13.8 41.3

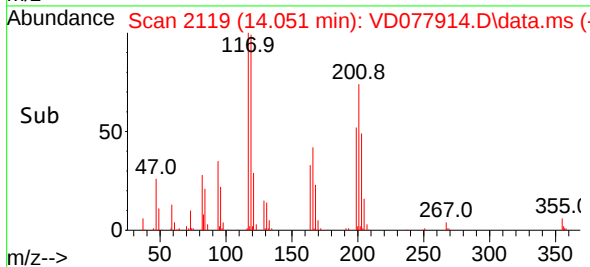
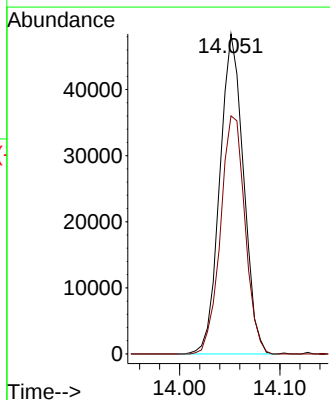
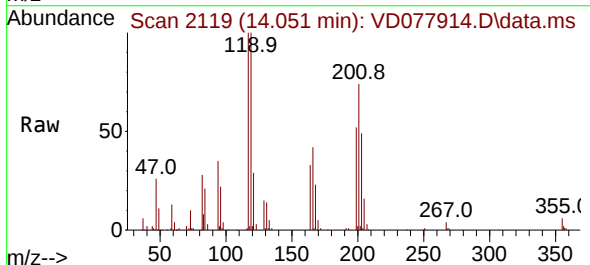
Manual Integrations
APPROVED

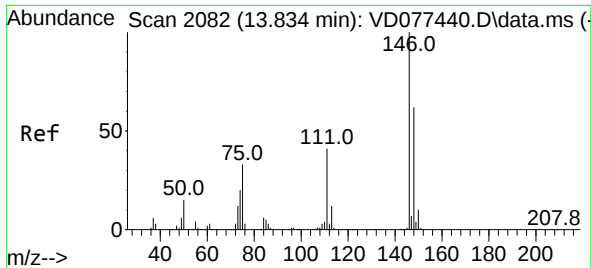
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90
Hexachloroethane
Concen: 58.938 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion:117 Resp: 79502
Ion Ratio Lower Upper
117 100
201 76.8 38.5 115.5





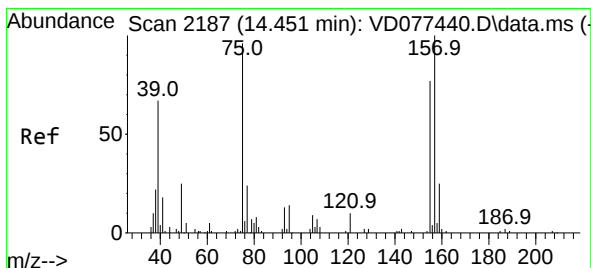
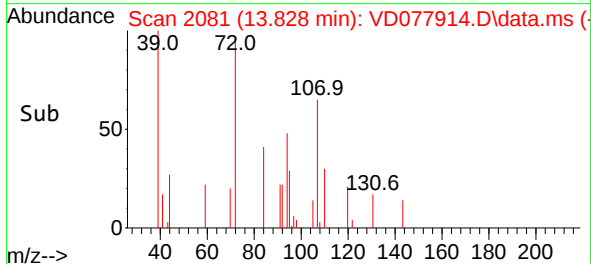
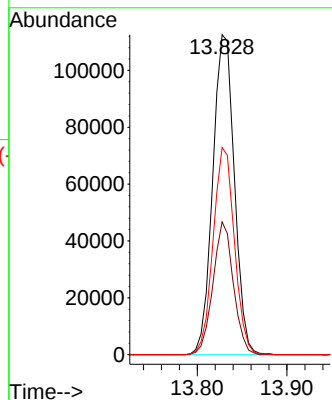
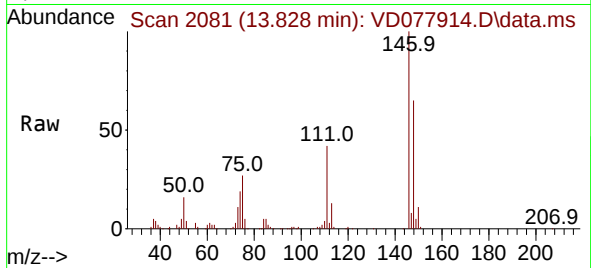
#91
1,2-Dichlorobenzene
Concen: 58.560 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 18856
Ion Ratio Lower Upper
146 100
111 39.1 18.3 54.8
148 63.8 31.6 94.7

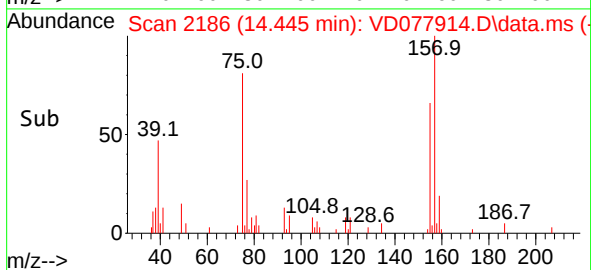
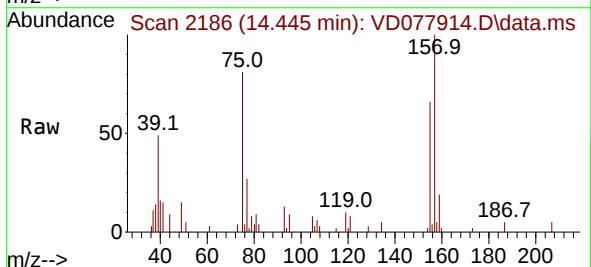
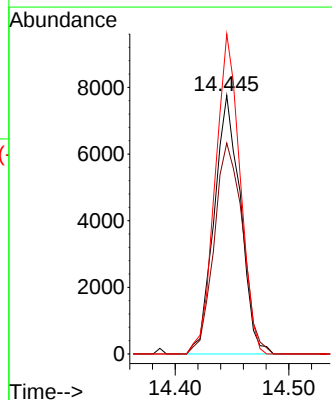
Manual Integrations
APPROVED

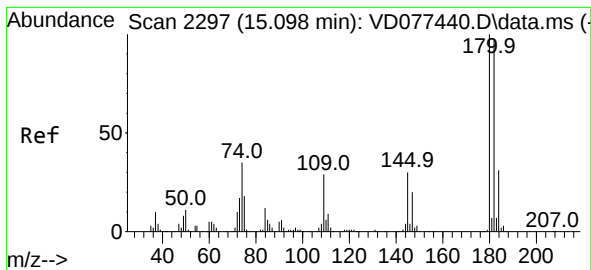
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 62.871 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 75 Resp: 12449
Ion Ratio Lower Upper
75 100
155 88.6 47.9 143.8
157 117.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 53.192 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077914.D

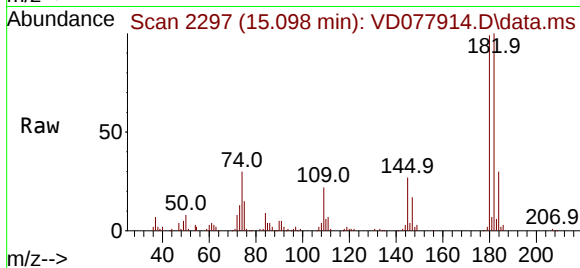
Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

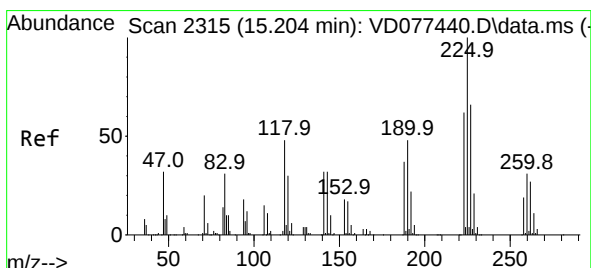
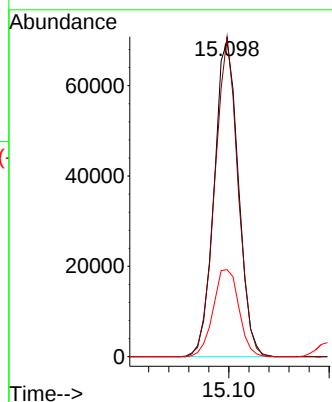
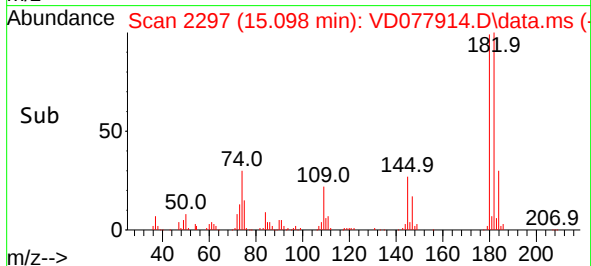


Tgt Ion:	180	Resp:	11699
Ion Ratio	Lower	Upper	
180	100		
182	97.2	48.5	145.6
145	29.4	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 54.070 ug/l

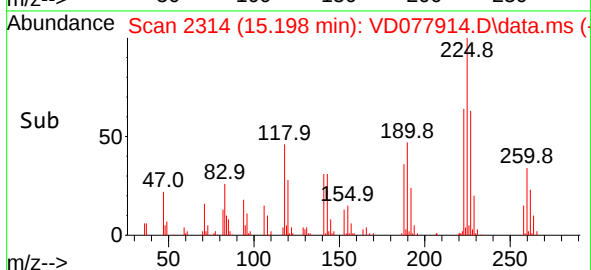
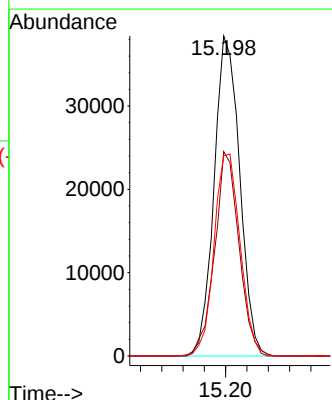
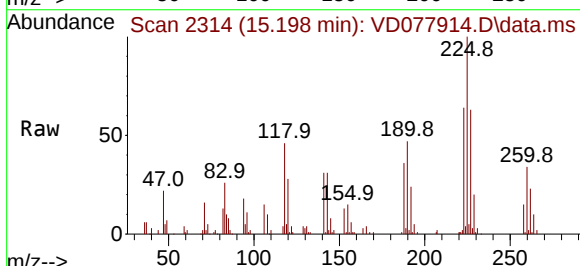
RT: 15.198 min Scan# 2314

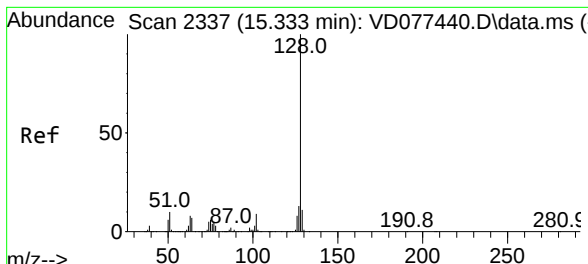
Delta R.T. -0.006 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

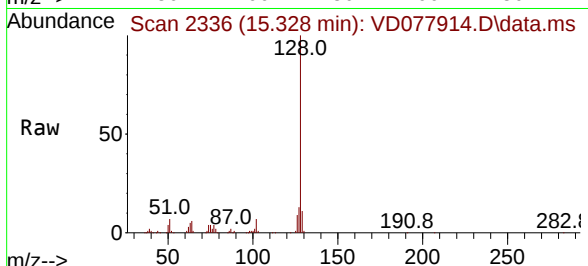
Tgt Ion:	225	Resp:	64129
Ion Ratio	Lower	Upper	
225	100		
223	60.7	31.6	94.8
227	64.3	31.7	95.1





#95
Naphthalene
Concen: 60.951 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.005 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

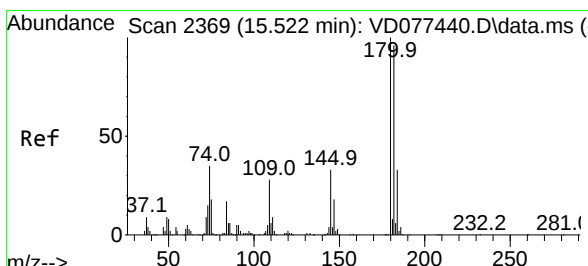
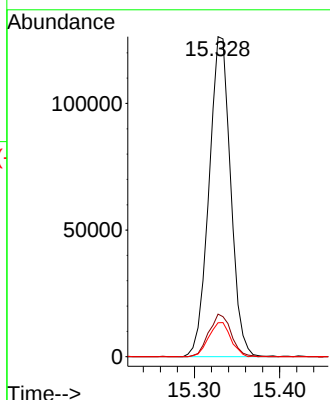
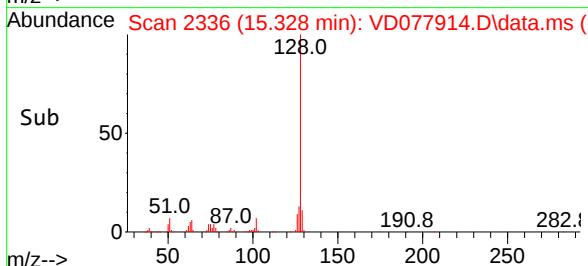
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



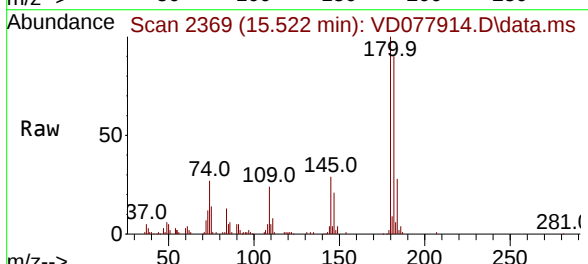
Tgt Ion:128 Resp: 222735
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 57.207 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



Tgt Ion:180 Resp: 103730
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 31.9 15.1 45.3

