

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078006.D
 Acq On : 20 Dec 2023 20:50
 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 21 05:29:33 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 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	107359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	175210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94519	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72283	57.138	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.280%			
35) Dibromofluoromethane	7.810	113	77122	59.566	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.140%			
50) Toluene-d8	10.269	98	295774	57.038	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.080%			
62) 4-Bromofluorobenzene	12.575	95	89383	57.653	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	55895	41.679	ug/l	99
3) Chloromethane	2.152	50	87634	47.940	ug/l	96
4) Vinyl Chloride	2.287	62	126798	51.095	ug/l	98
5) Bromomethane	2.699	94	101284	72.736	ug/l	97
6) Chloroethane	2.840	64	94785	56.023	ug/l	99
7) Trichlorofluoromethane	3.181	101	107911	47.214	ug/l	99
8) Diethyl Ether	3.599	74	33231	51.779	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.981	101	66314	50.717	ug/l	97
10) Methyl Iodide	4.164	142	73851	62.497	ug/l	90
11) Tert butyl alcohol	5.058	59	16155	265.897	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	63027	48.839	ug/l #	81
13) Acrolein	3.793	56	21331	159.399	ug/l	95
14) Allyl chloride	4.564	41	84456	47.584	ug/l	91
15) Acrylonitrile	5.258	53	72425	263.570	ug/l	97
16) Acetone	4.017	43	66881	243.845	ug/l #	82
17) Carbon Disulfide	4.275	76	183010	41.918	ug/l	97
18) Methyl Acetate	4.564	43	58159	58.374	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	152164	55.575	ug/l	98
20) Methylene Chloride	4.805	84	83267	56.177	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	76175	52.114	ug/l	89
22) Diisopropyl ether	6.222	45	194291	52.384	ug/l	96
23) Vinyl Acetate	6.158	43	438121m	241.889	ug/l	
24) 1,1-Dichloroethane	6.116	63	132416	52.719	ug/l	98
25) 2-Butanone	7.087	43	88588	255.051	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	106148	50.334	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	90050	57.254	ug/l	95
28) Bromochloromethane	7.428	49	49831	49.097	ug/l	84
29) Tetrahydrofuran	7.446	42	52277	259.503	ug/l	91
30) Chloroform	7.599	83	142674	56.756	ug/l	96
31) Cyclohexane	7.881	56	94373	41.941	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	117439	52.994	ug/l	98
36) 1,1-Dichloropropene	8.010	75	100564	48.558	ug/l	96
37) Ethyl Acetate	7.169	43	34838	43.142	ug/l	99
38) Carbon Tetrachloride	7.993	117	101687	49.252	ug/l	96
39) Methylcyclohexane	9.275	83	113548	46.249	ug/l	90
40) Benzene	8.252	78	307917	52.385	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	22618	55.107	ug/l	93
42) 1,2-Dichloroethane	8.328	62	83391	54.731	ug/l	95
43) Isopropyl Acetate	8.363	43	71443	49.769	ug/l	93
44) Trichloroethene	9.028	130	79714	52.040	ug/l	85
45) 1,2-Dichloropropane	9.310	63	77429	54.188	ug/l	94
46) Dibromomethane	9.393	93	43232	57.181	ug/l	93
47) Bromodichloromethane	9.587	83	107811	56.259	ug/l	97
48) Methyl methacrylate	9.381	41	40727	49.911	ug/l	82
49) 1,4-Dioxane	9.387	88	7858	1046.704	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	189402	258.529	ug/l	93
52) Toluene	10.334	92	200098	54.880	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	100905	54.832	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	119896	53.887	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	59209	57.253	ug/l	96
56) Ethyl methacrylate	10.599	69	51157	56.115	ug/l	91
57) 1,3-Dichloropropane	10.881	76	100506	56.381	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	116015	223.153	ug/l	96
59) 2-Hexanone	10.922	43	135014	222.132	ug/l	92
60) Dibromochloromethane	11.075	129	72887	58.539	ug/l	94
61) 1,2-Dibromoethane	11.181	107	56253	57.785	ug/l	99
64) Tetrachloroethene	10.810	164	65219	50.645	ug/l	96
65) Chlorobenzene	11.604	112	213206	51.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	80107	54.981	ug/l	96
67) Ethyl Benzene	11.687	91	380408	52.150	ug/l	99
68) m/p-Xylenes	11.793	106	297917	106.773	ug/l	91
69) o-Xylene	12.122	106	138504	53.861	ug/l	94
70) Styrene	12.134	104	213800	55.915	ug/l	96
71) Bromoform	12.298	173	42155	55.374	ug/l #	98
73) Isopropylbenzene	12.422	105	364027	50.815	ug/l	97
74) N-amyl acetate	12.234	43	64387	45.724	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	67737	54.229	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	45804m	55.797	ug/l	
77) Bromobenzene	12.698	156	90283	53.581	ug/l	94
78) n-propylbenzene	12.763	91	444071	50.872	ug/l	97
79) 2-Chlorotoluene	12.851	91	241292	51.579	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	308625	51.655	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	21449	52.938	ug/l	94
82) 4-Chlorotoluene	12.945	91	260158	53.196	ug/l	96
83) tert-Butylbenzene	13.169	119	269244	53.378	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	317358	53.106	ug/l	99
85) sec-Butylbenzene	13.345	105	392708	52.670	ug/l	97
86) p-Isopropyltoluene	13.463	119	357056	53.487	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	185316	53.780	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	179741	52.335	ug/l	99
89) n-Butylbenzene	13.787	91	329667	52.483	ug/l	98
90) Hexachloroethane	14.051	117	69796	56.852	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	155063	52.912	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9935	55.006	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	99212	49.563	ug/l	95
94) Hexachlorobutadiene	15.204	225	52829	48.942	ug/l	98
95) Naphthalene	15.334	128	182889	54.989	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	84961	51.483	ug/l	99

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

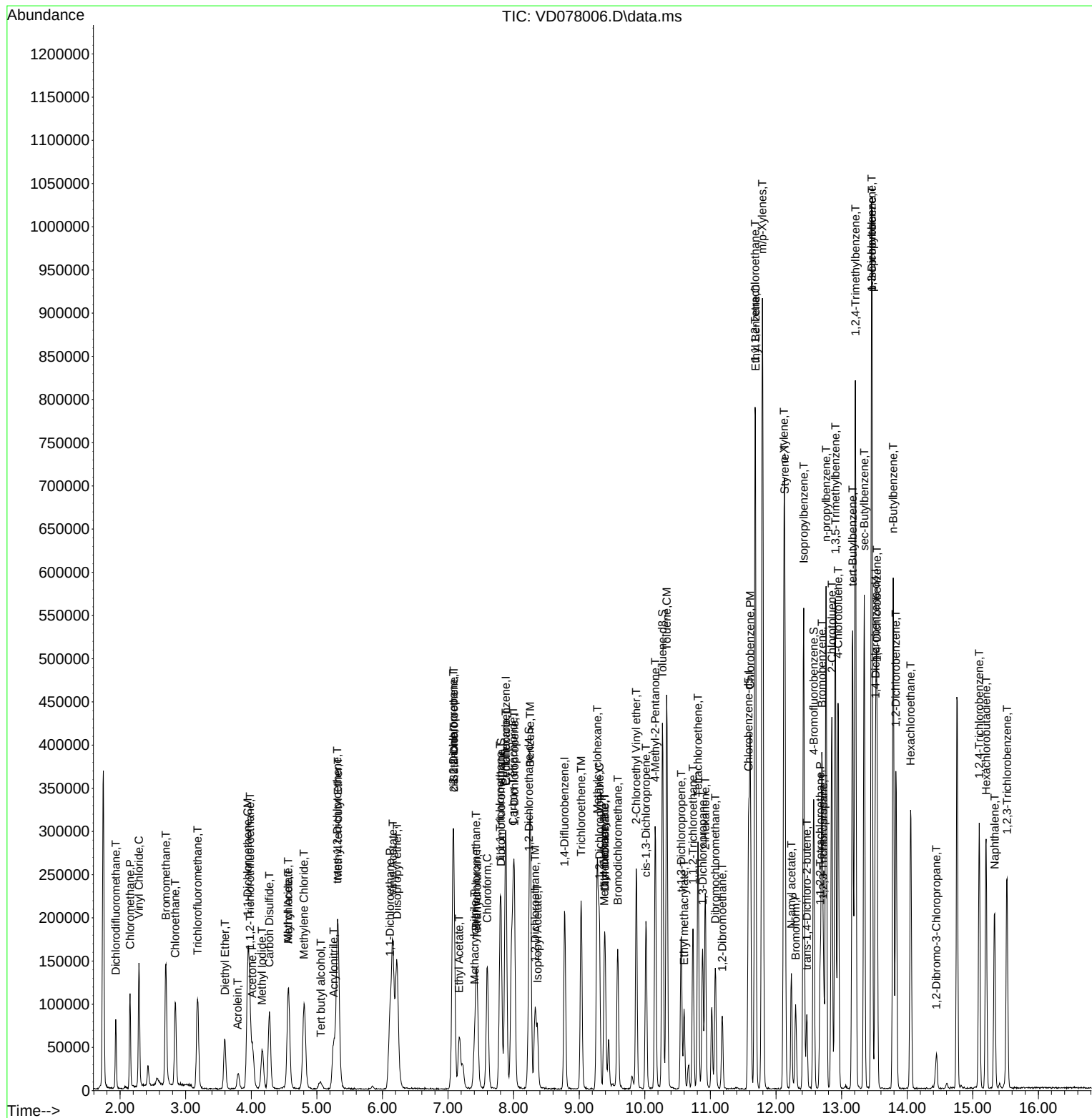
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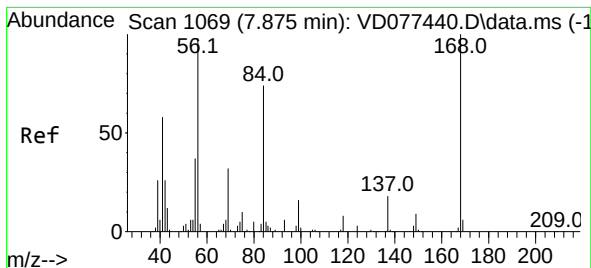
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 10735

Ion Ratio Lower Upper

168 100

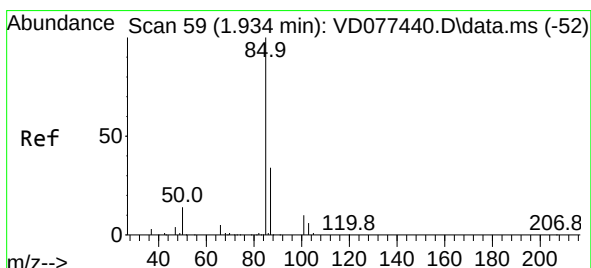
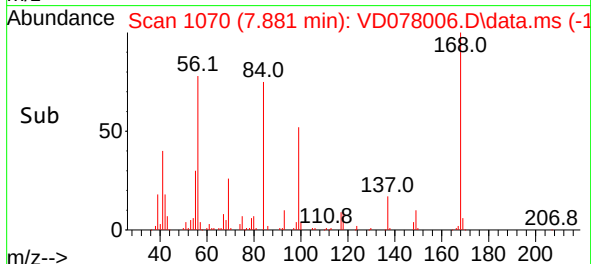
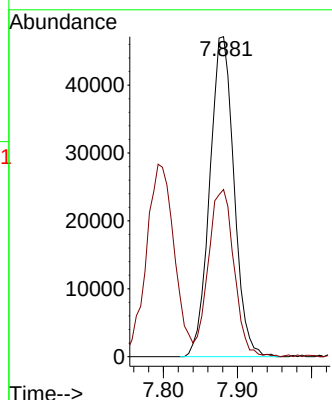
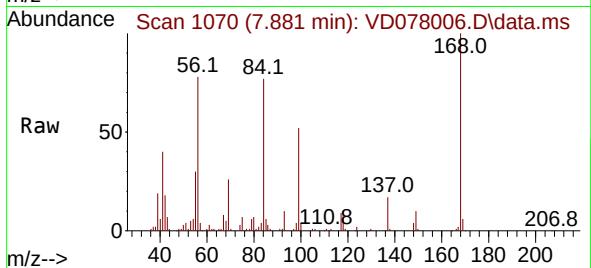
99 52.3 36.7 55.1

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/21/2023



#2

Dichlorodifluoromethane

Concen: 41.679 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078006.D

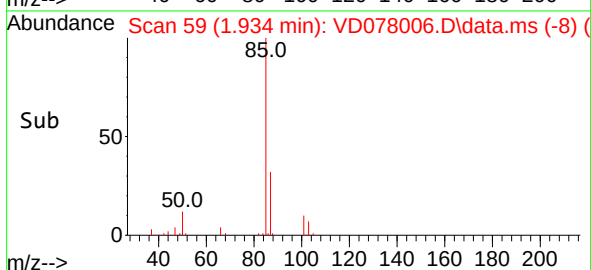
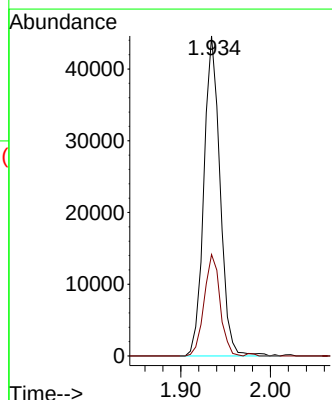
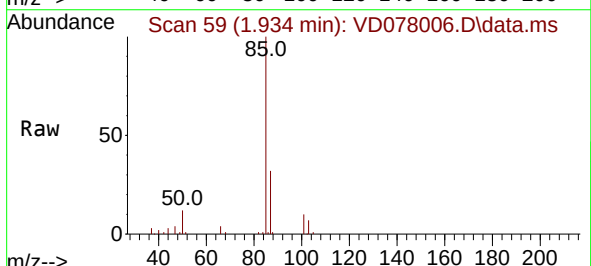
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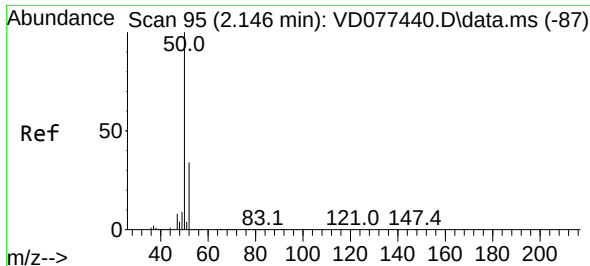
Tgt Ion: 85 Resp: 55895

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.0





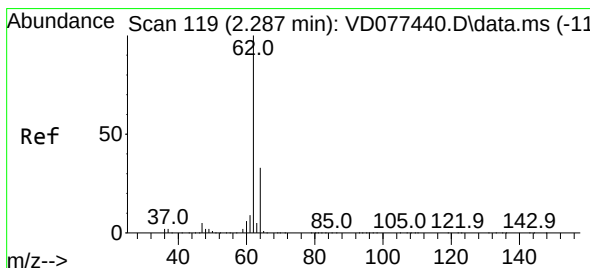
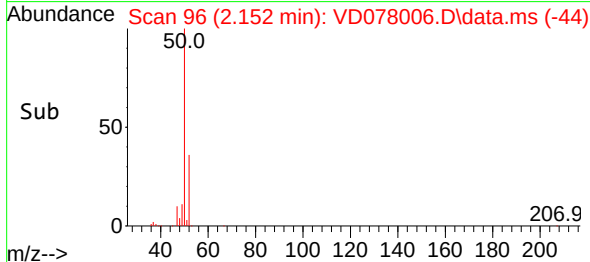
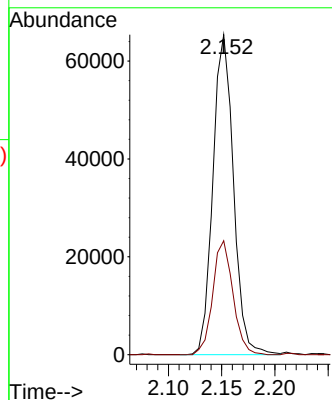
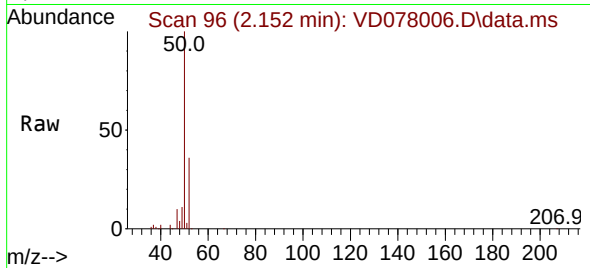
#3
Chloromethane
Concen: 47.940 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 87634
Ion Ratio Lower Upper
50 100
52 35.6 26.6 40.0

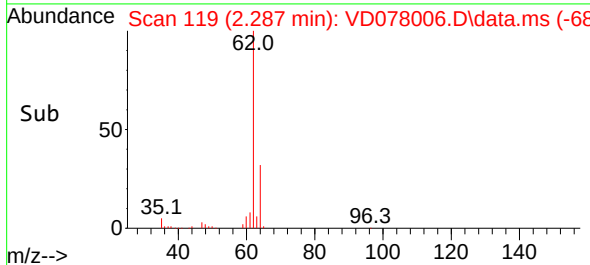
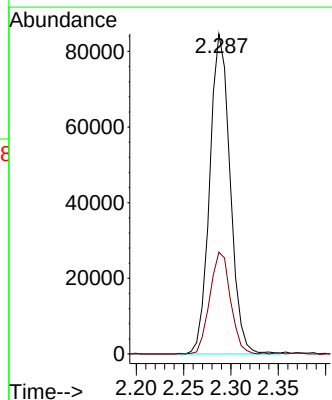
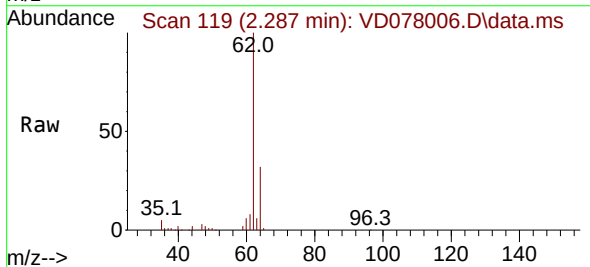
Manual Integrations
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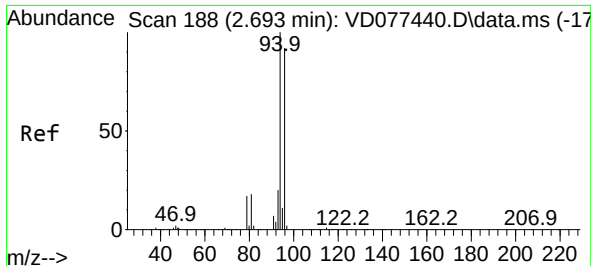
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#4
Vinyl Chloride
Concen: 51.095 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

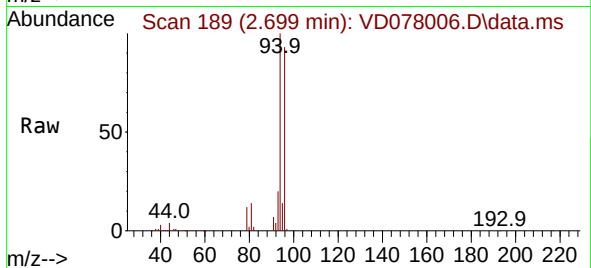
Tgt Ion: 62 Resp: 126798
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0





#5
Bromomethane
Concen: 72.736 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

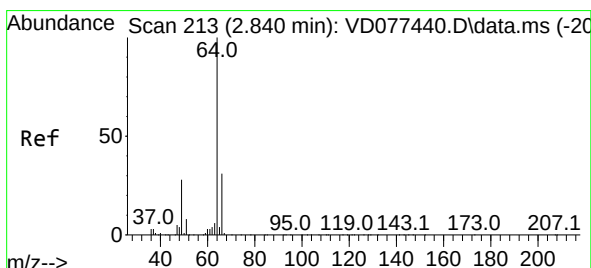
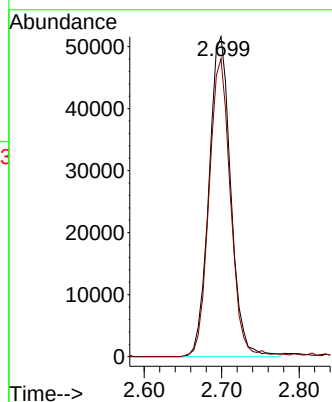
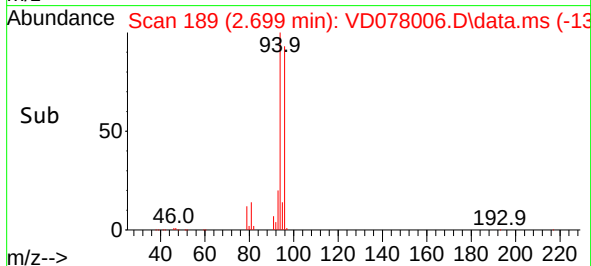
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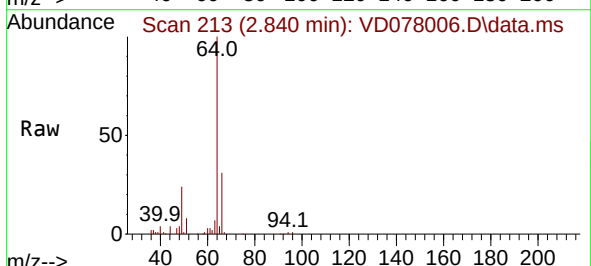
Tgt Ion: 94 Resp: 101284
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.8

Manual Integrations
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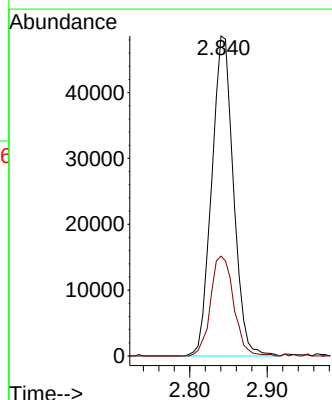
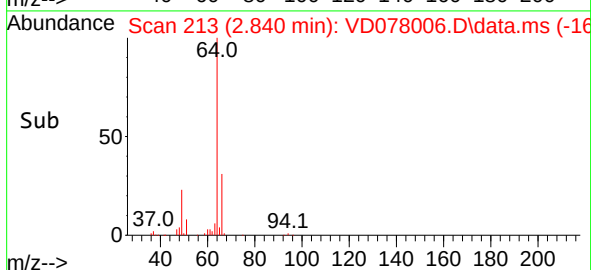
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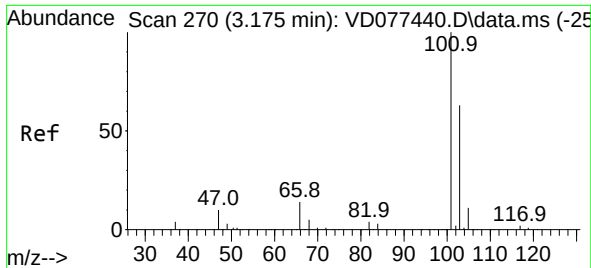


#6
Chloroethane
Concen: 56.023 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion: 64 Resp: 94785
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3





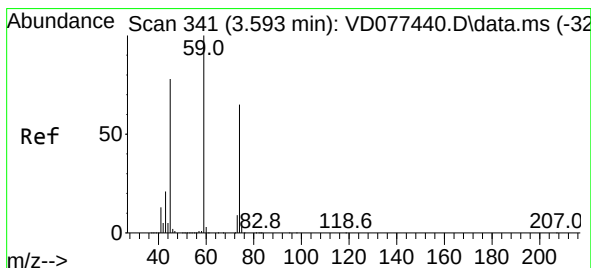
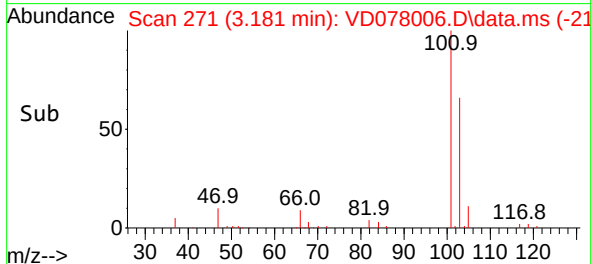
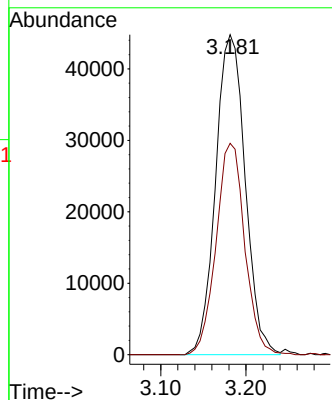
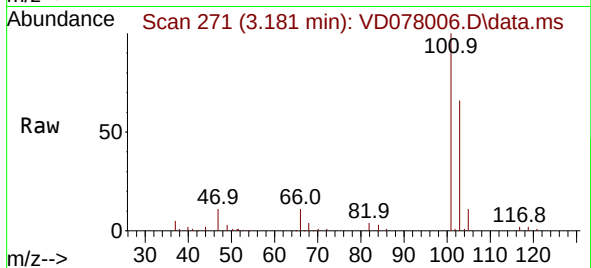
#7
 Trichlorofluoromethane
 Concen: 47.214 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 10791
 Ion Ratio Lower Upper
 101 100
 103 66.0 52.3 78.5

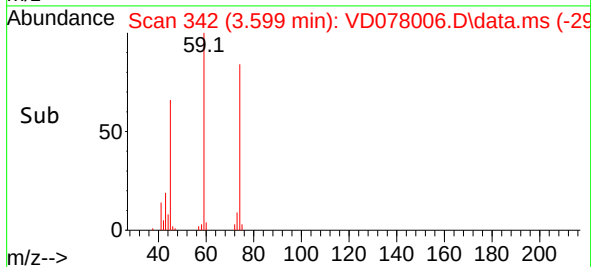
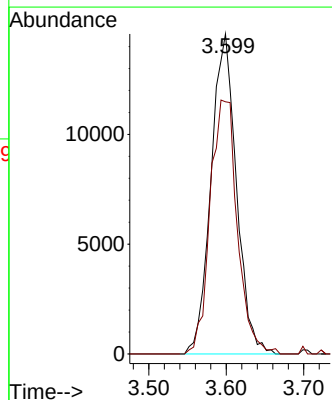
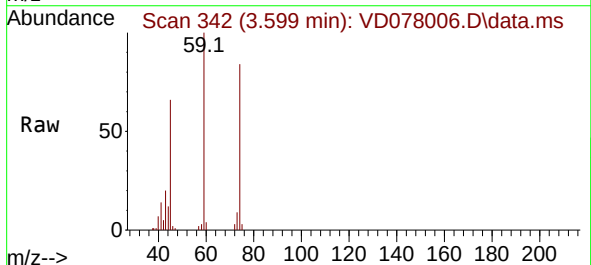
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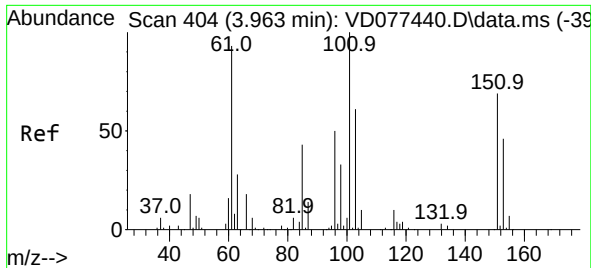
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023



#8
 Diethyl Ether
 Concen: 51.779 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

Tgt Ion: 74 Resp: 33231
 Ion Ratio Lower Upper
 74 100
 45 84.9 37.5 112.7





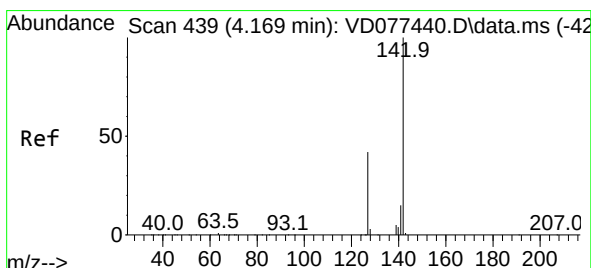
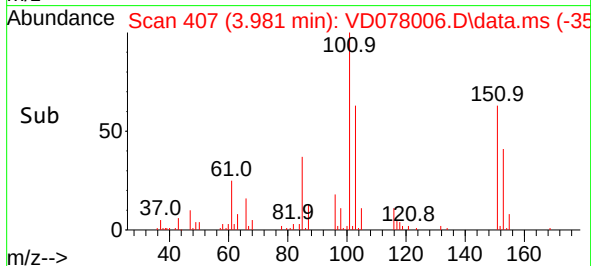
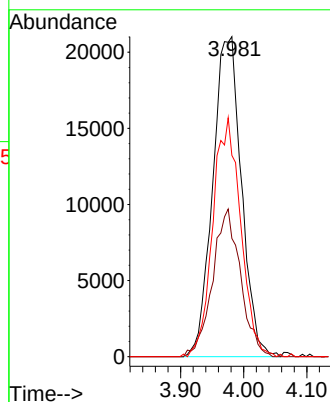
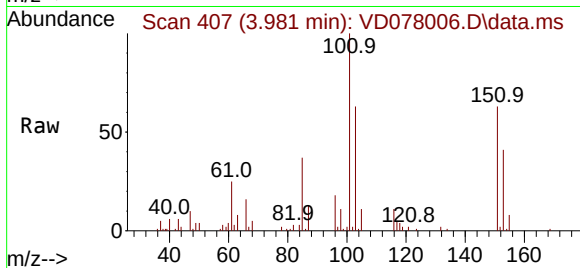
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.717 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 66314
Ion Ratio Lower Upper
101 100
85 44.9 33.8 50.6
151 72.5 59.8 89.6

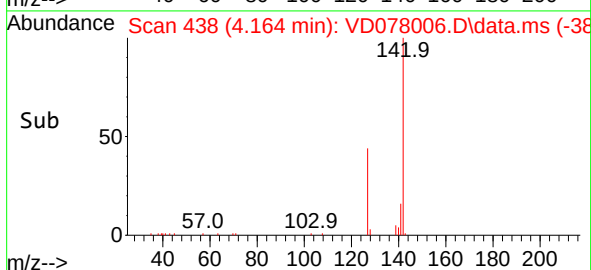
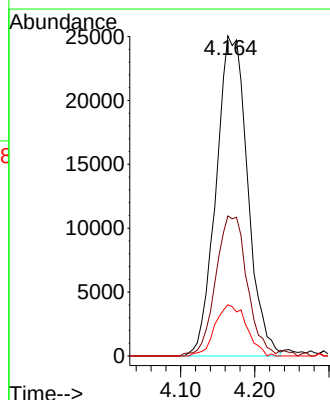
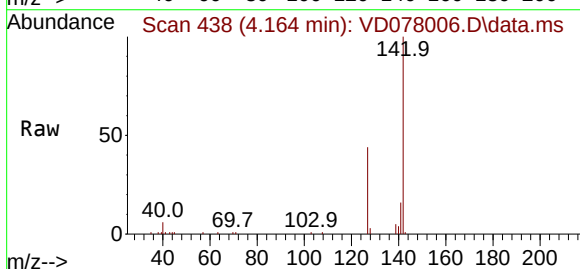
Manual Integrations
APPROVED

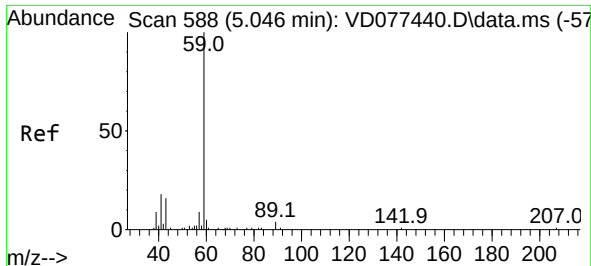
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#10
Methyl Iodide
Concen: 62.497 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

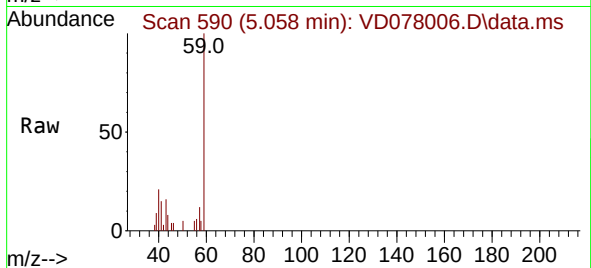
Tgt Ion:142 Resp: 73851
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 16.0 11.1 16.7





#11
Tert butyl alcohol
Concen: 265.897 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.012 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

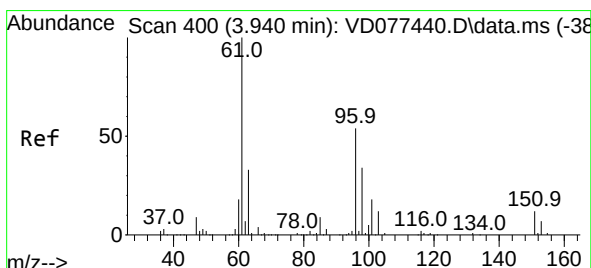
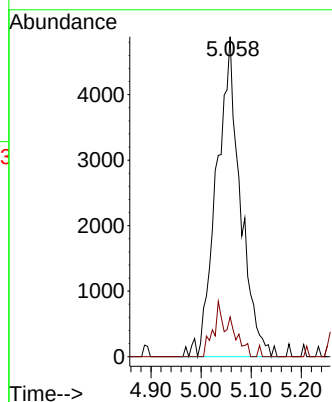
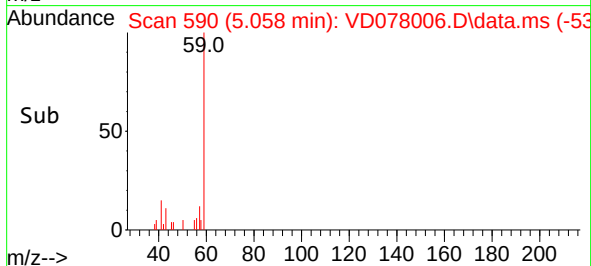
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



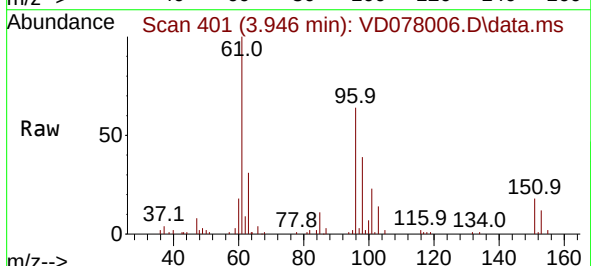
Tgt Ion: 59 Resp: 1615
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

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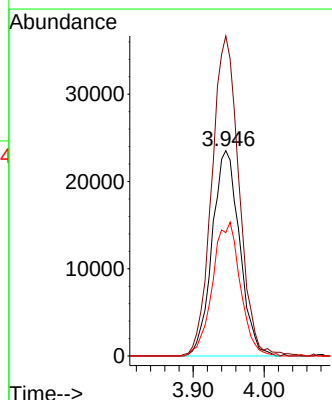
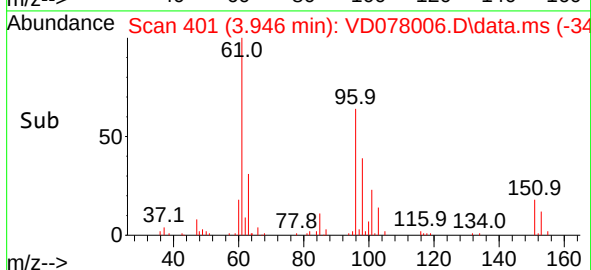
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

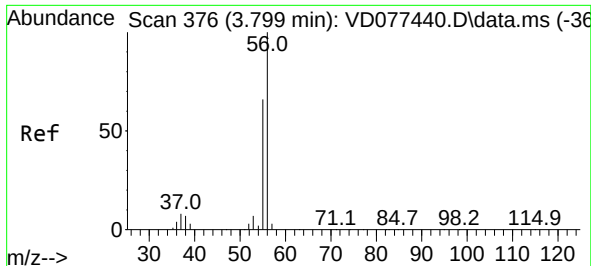


#12
1,1-Dichloroethene
Concen: 48.839 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



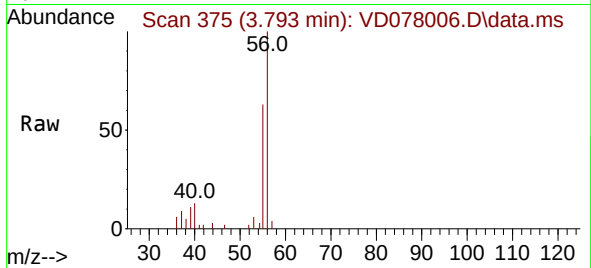
Tgt Ion: 96 Resp: 63027
Ion Ratio Lower Upper
96 100
61 155.9 100.6 150.8#
98 60.1 50.2 75.2





#13
Acrolein
Concen: 159.399 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

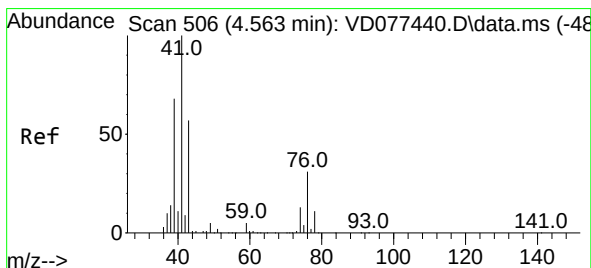
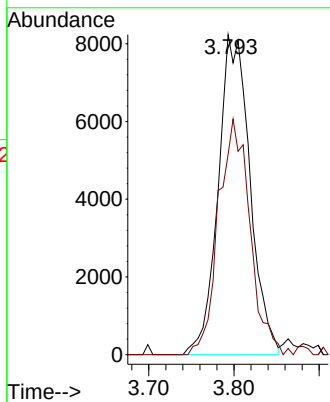
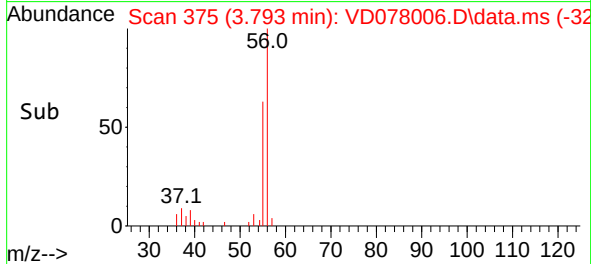
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 2133
Ion Ratio Lower Upper
56 100
55 73.1 55.1 82.7

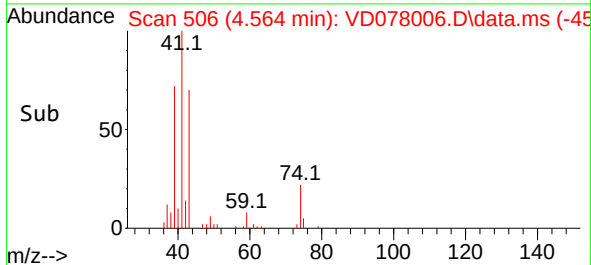
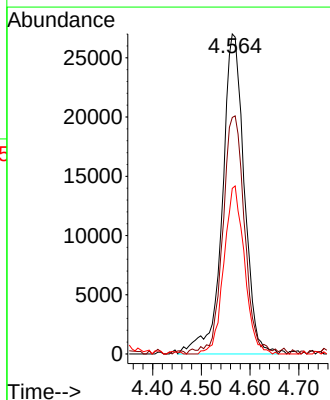
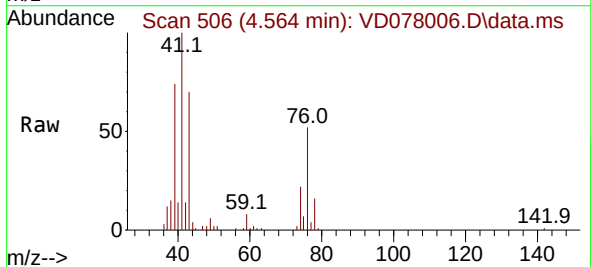
Manual Integrations
APPROVED

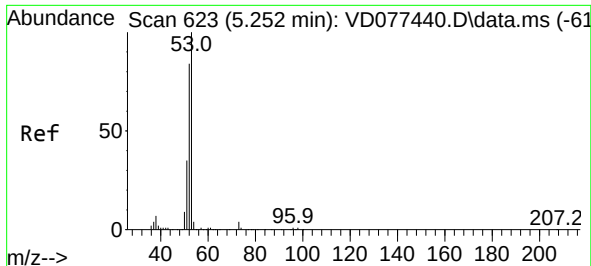
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#14
Allyl chloride
Concen: 47.584 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

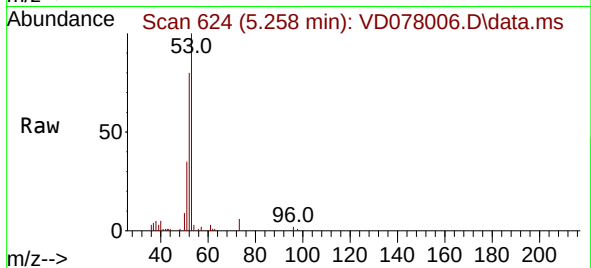
Tgt Ion: 41 Resp: 84456
Ion Ratio Lower Upper
41 100
39 73.9 53.8 80.6
76 49.3 45.8 68.8





#15
Acrylonitrile
Concen: 263.570 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

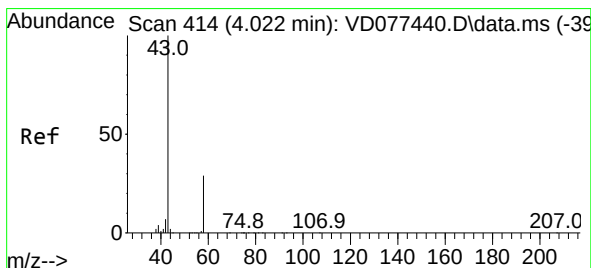
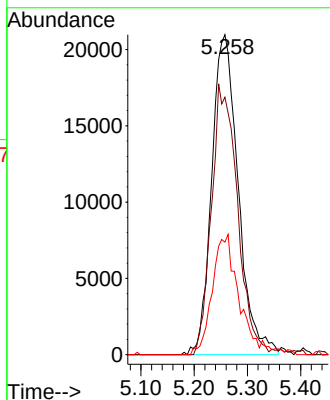
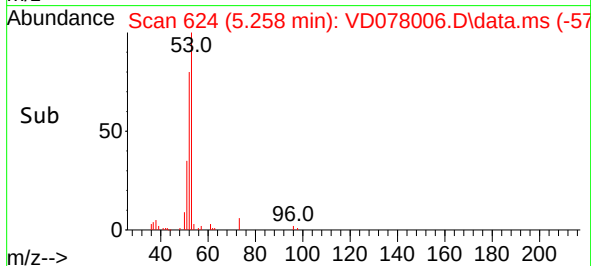
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 72425
Ion Ratio Lower Upper
53 100
52 82.9 65.0 97.4
51 38.3 28.3 42.5

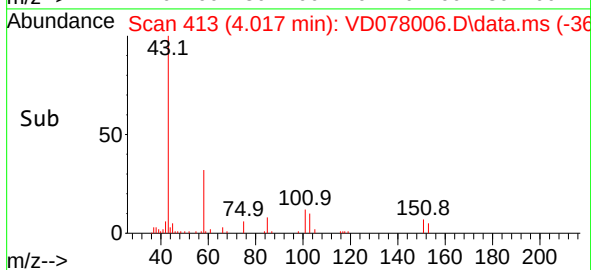
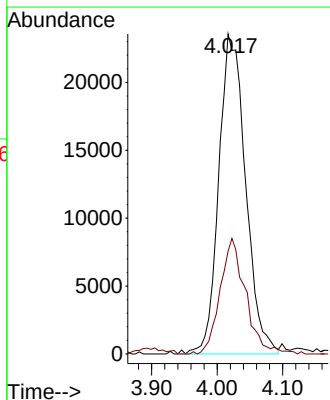
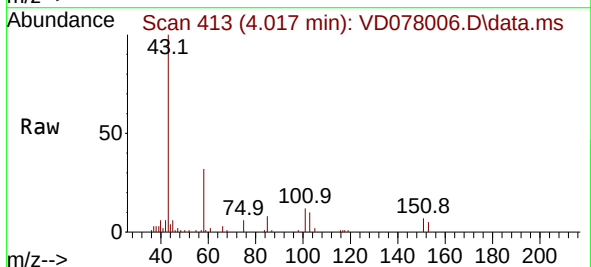
Manual Integrations
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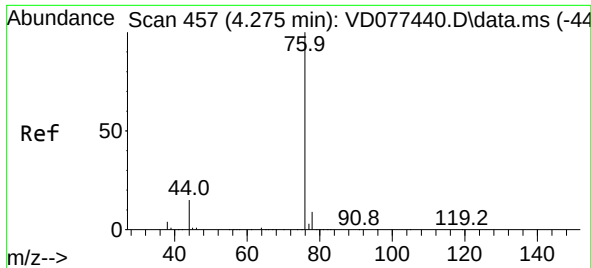
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#16
Acetone
Concen: 243.845 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

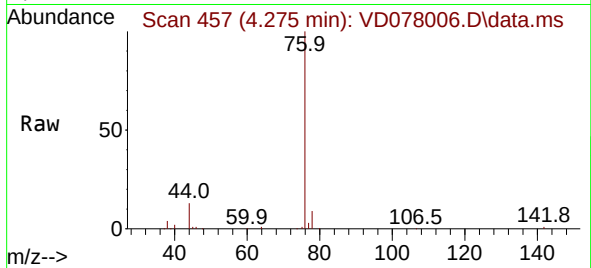
Tgt Ion: 43 Resp: 66881
Ion Ratio Lower Upper
43 100
58 32.1 34.7 52.1#





#17
Carbon Disulfide
Concen: 41.918 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

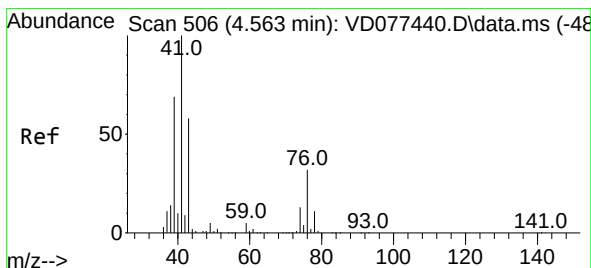
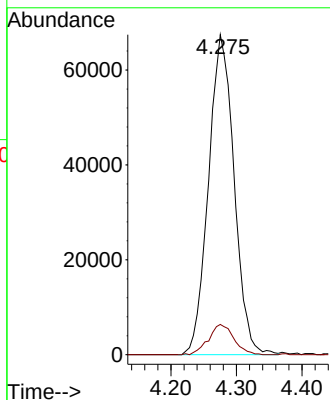
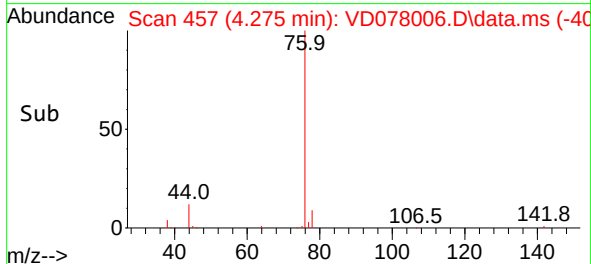
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 183010
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

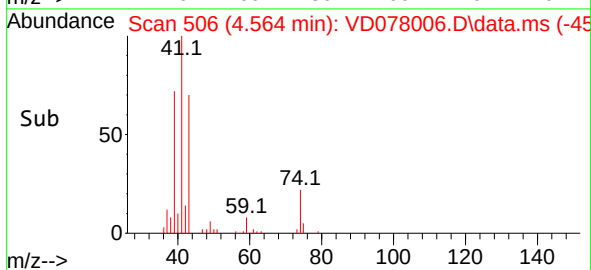
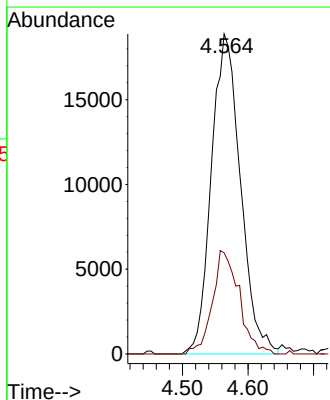
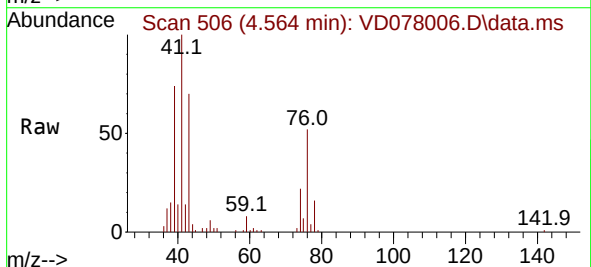
Manual Integrations
APPROVED

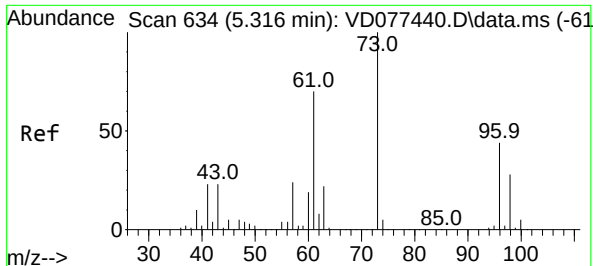
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#18
Methyl Acetate
Concen: 58.374 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 43 Resp: 58159
Ion Ratio Lower Upper
43 100
74 29.7 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 55.575 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 152164

Ion Ratio Lower Upper

73 100

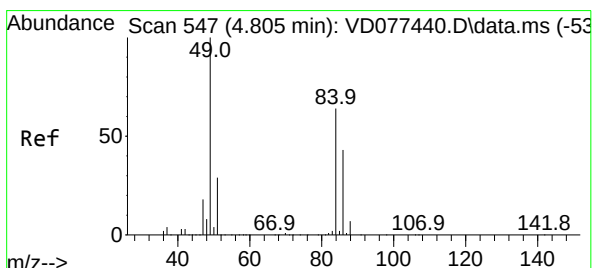
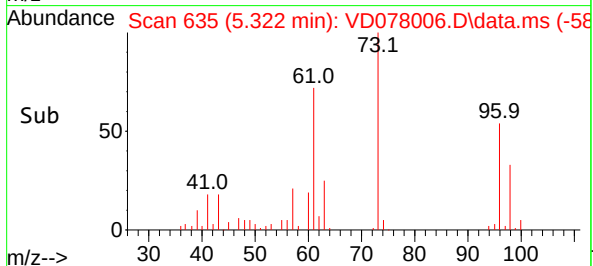
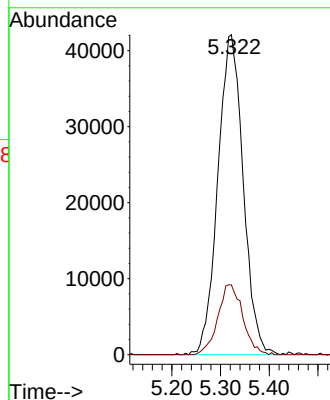
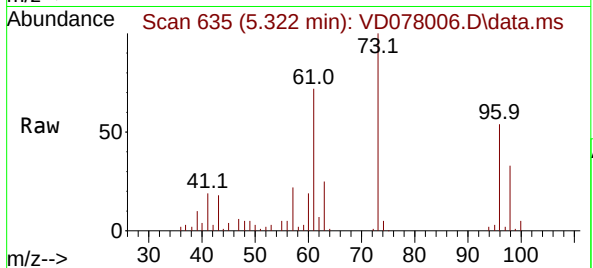
57 21.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#20

Methylene Chloride

Concen: 56.177 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Tgt Ion: 84 Resp: 83267

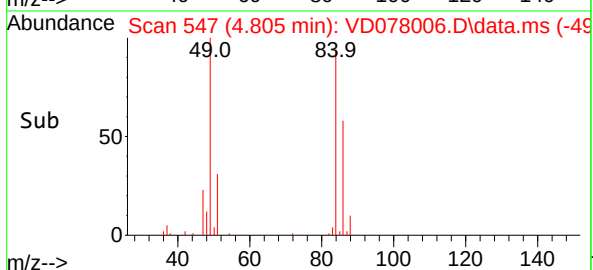
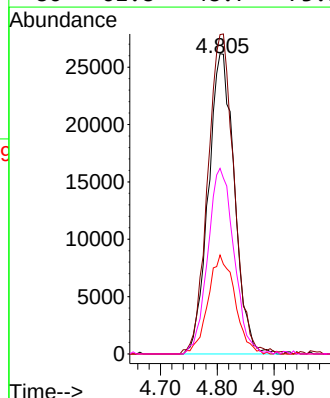
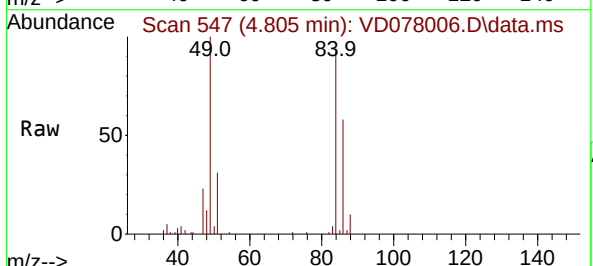
Ion Ratio Lower Upper

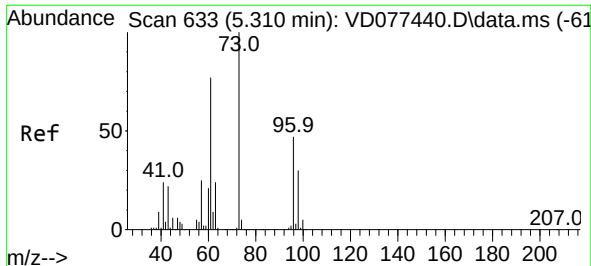
84 100

49 106.4 71.4 107.2

51 32.9 24.5 36.7

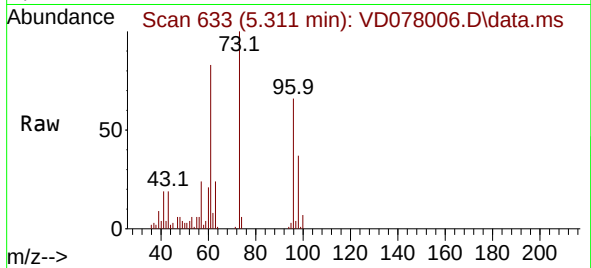
86 61.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 52.114 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

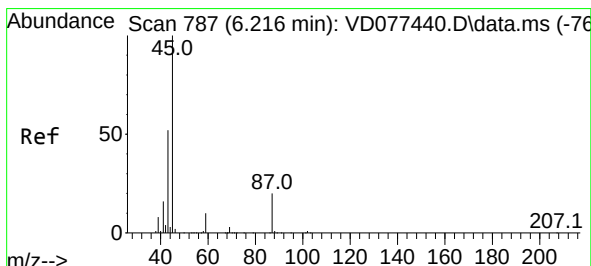
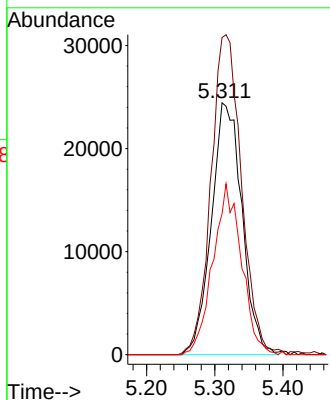
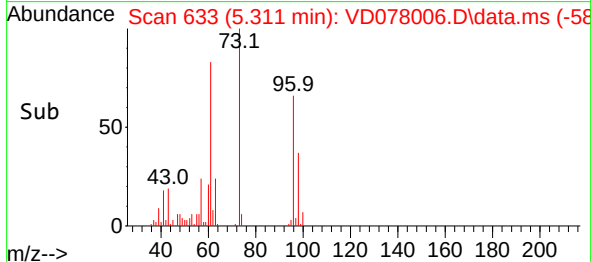
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



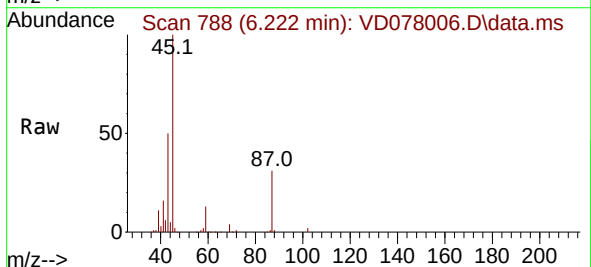
Tgt Ion: 96 Resp: 7617
Ion Ratio Lower Upper
96 100
61 125.9 89.3 133.9
98 55.9 48.6 73.0

Manual Integrations
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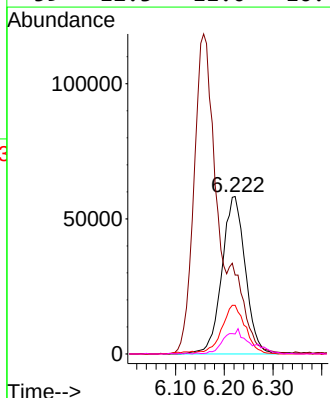
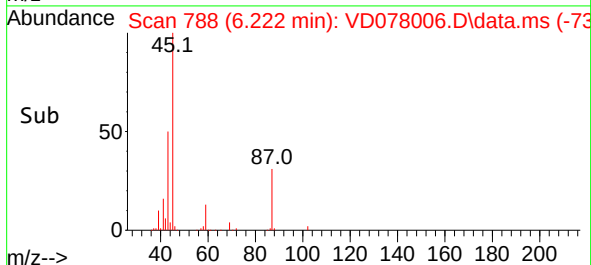
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

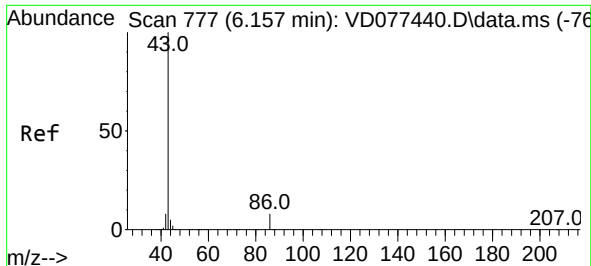


#22
Diisopropyl ether
Concen: 52.384 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



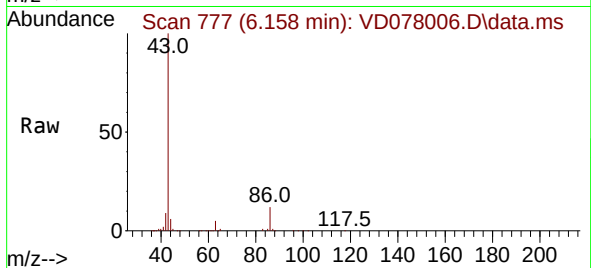
Tgt Ion: 45 Resp: 194291
Ion Ratio Lower Upper
45 100
43 49.0 40.0 60.0
87 30.9 28.2 42.4
59 12.3 11.0 16.4





#23
 Vinyl Acetate
 Concen: 241.889 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

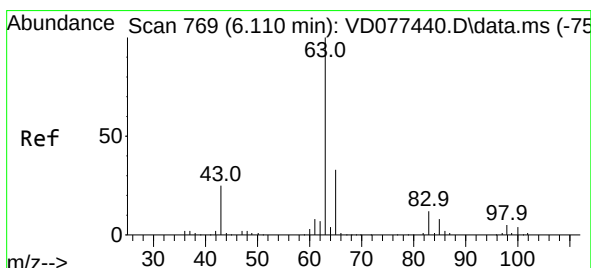
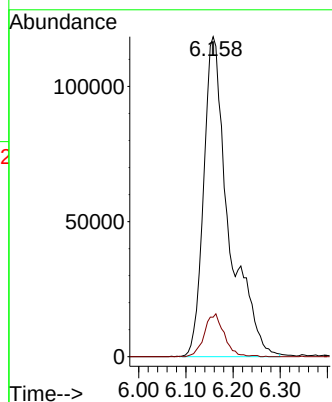
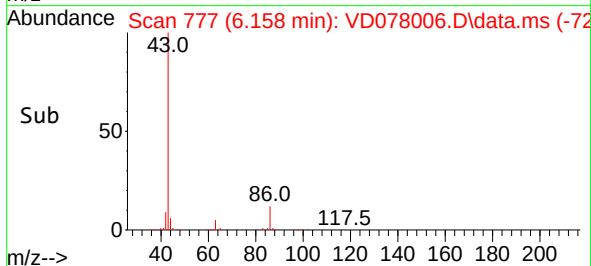
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



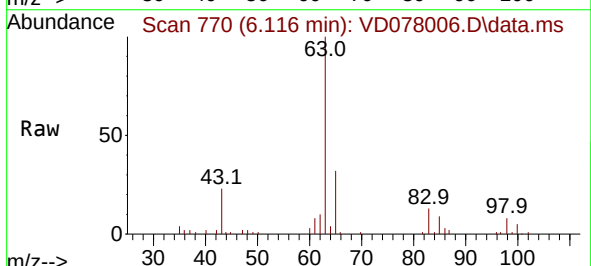
Tgt Ion: 43 Resp: 43812
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7

Manual Integrations
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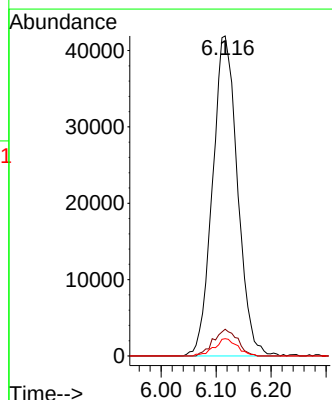
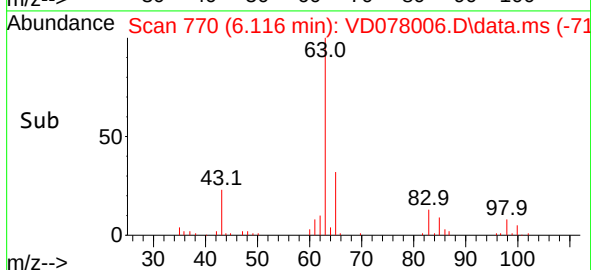
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

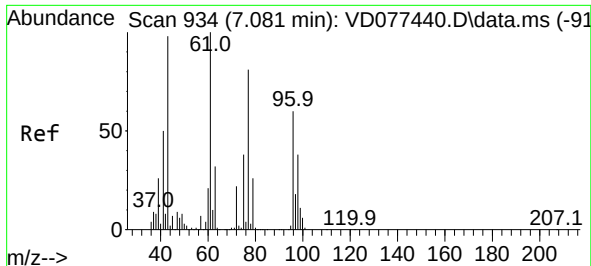


#24
 1,1-Dichloroethane
 Concen: 52.719 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50



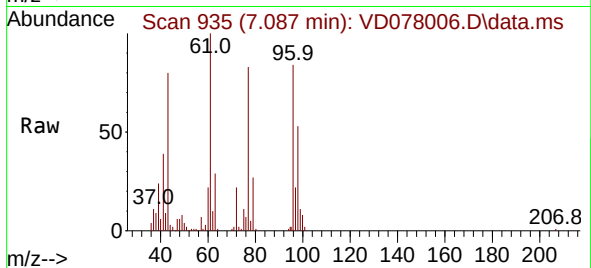
Tgt Ion: 63 Resp: 132416
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.5 13.7
 100 5.4 2.5 7.5





#25
2-Butanone
Concen: 255.051 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

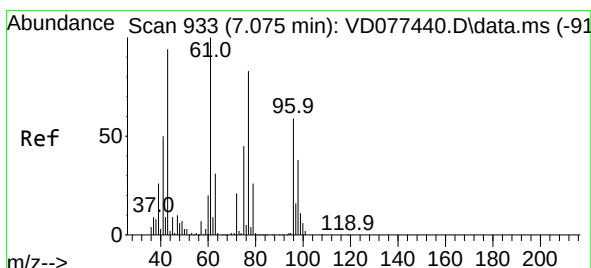
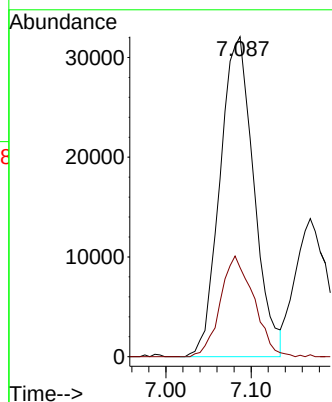
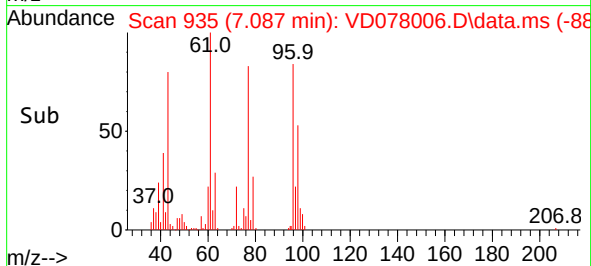
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



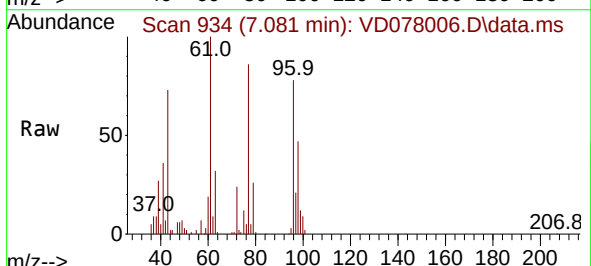
Tgt Ion: 43 Resp: 8858
Ion Ratio Lower Upper
43 100
72 27.8 30.7 46.1

Manual Integrations
APPROVED

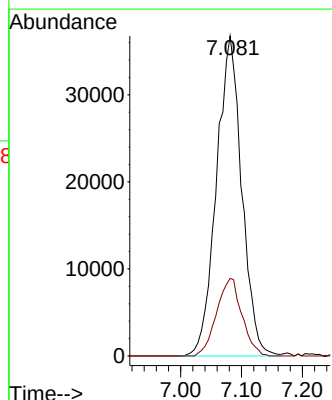
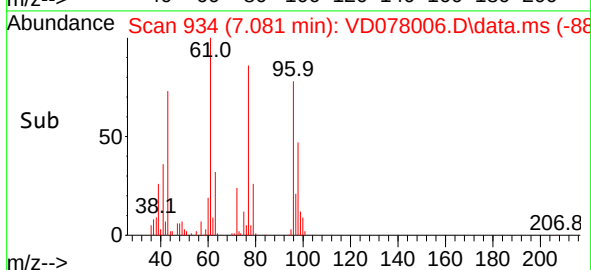
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

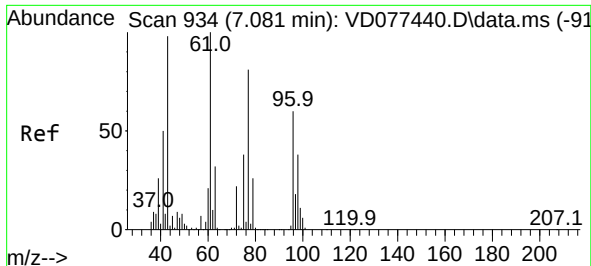


#26
2,2-Dichloropropane
Concen: 50.334 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



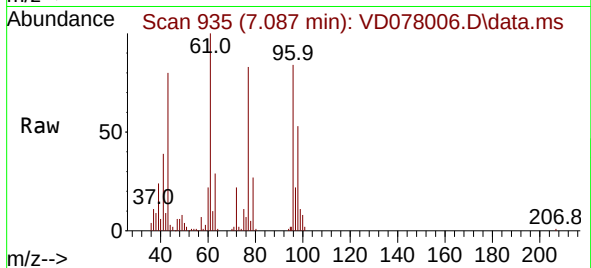
Tgt Ion: 77 Resp: 106148
Ion Ratio Lower Upper
77 100
97 24.2 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 57.254 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

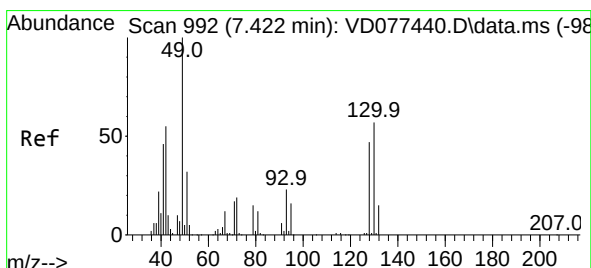
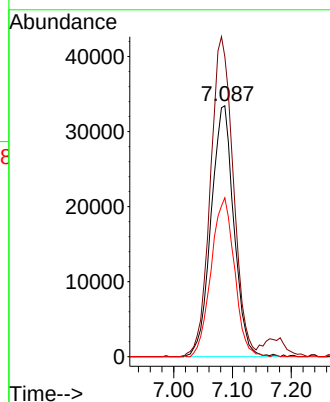
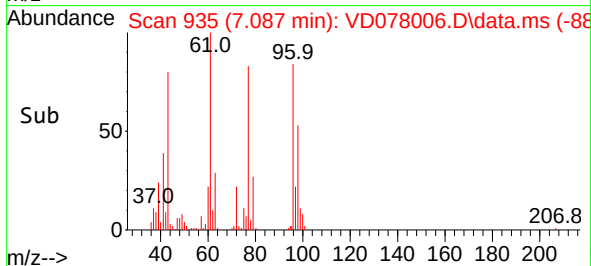
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 90050
Ion Ratio Lower Upper
96 100
61 128.3 0.0 239.2
98 64.8 0.0 128.6

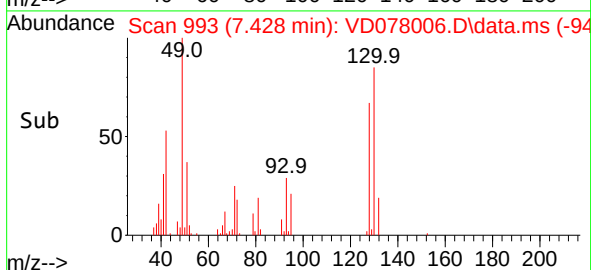
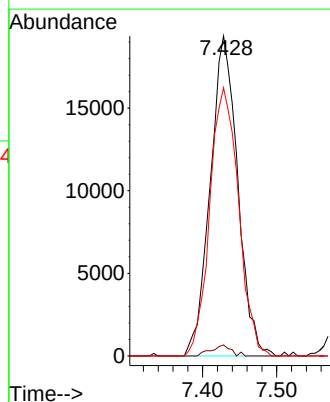
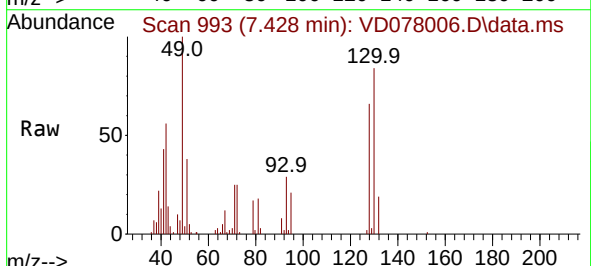
Manual Integrations
APPROVED

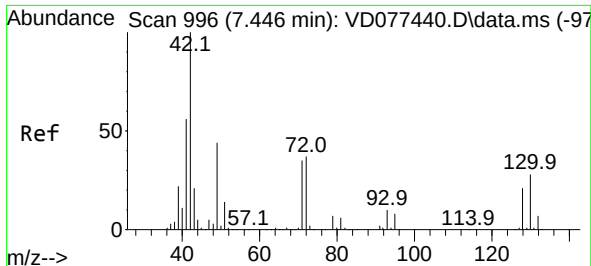
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#28
Bromochloromethane
Concen: 49.097 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 49 Resp: 49831
Ion Ratio Lower Upper
49 100
129 2.5 0.0 6.0
130 87.7 83.2 124.8





#29

Tetrahydrofuran

Concen: 259.503 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

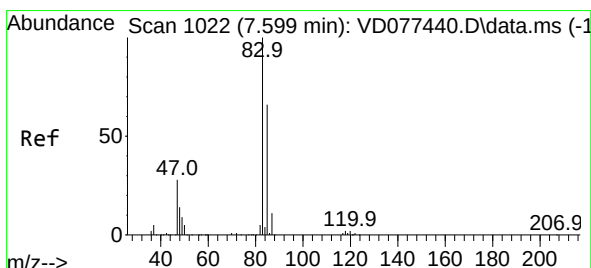
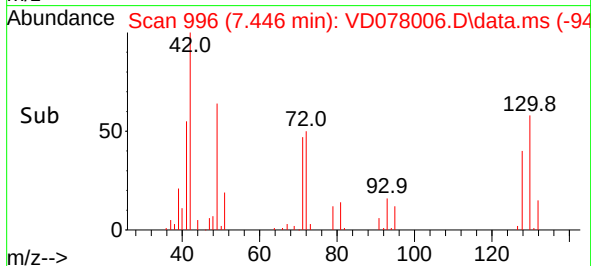
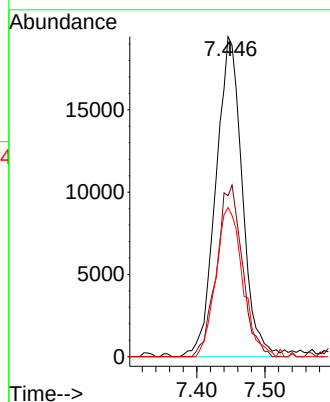
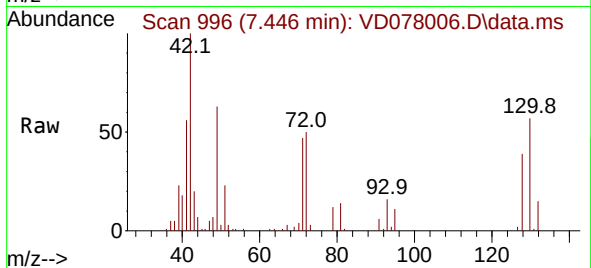
VSTDCCC050

Tgt Ion:	42	Resp:	5227
Ion	Ratio	Lower	Upper
42	100		
72	52.3	46.5	69.7
71	47.9	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#30

Chloroform

Concen: 56.756 ug/l

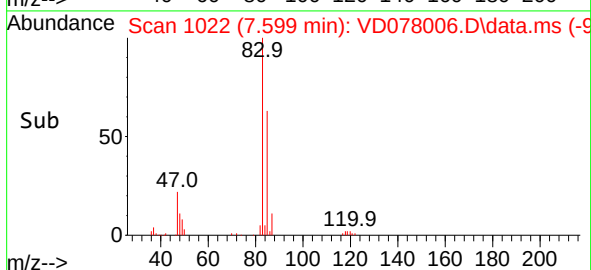
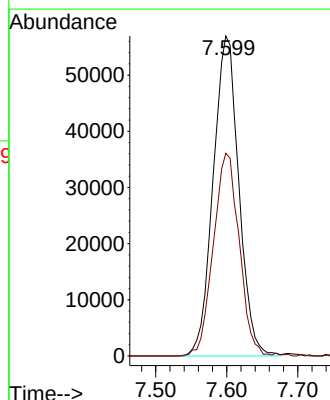
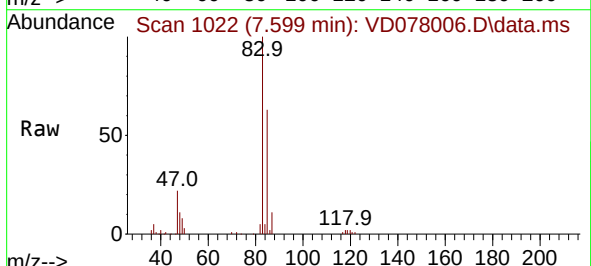
RT: 7.599 min Scan# 1022

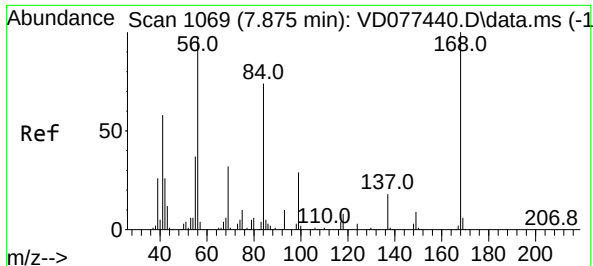
Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

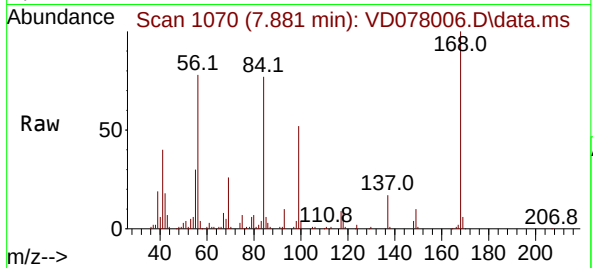
Tgt Ion:	83	Resp:	142674
Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.4	80.2





#31
Cyclohexane
Concen: 41.941 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

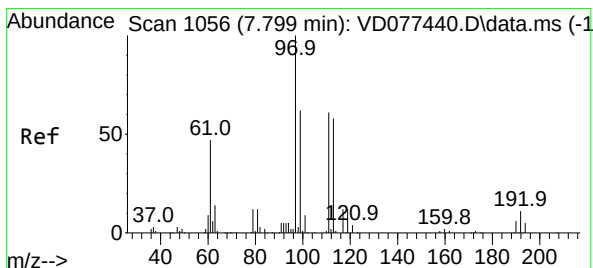
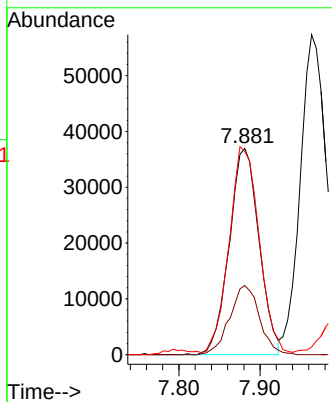
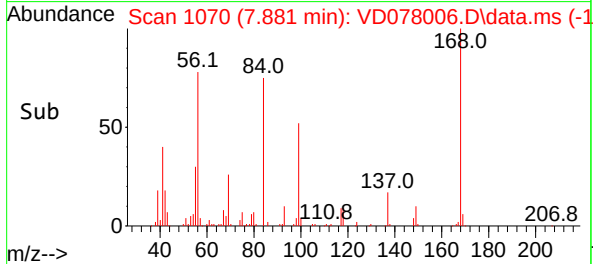
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



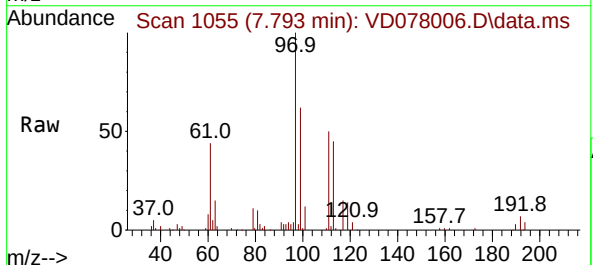
Tgt Ion: 56 Resp: 9437
Ion Ratio Lower Upper
56 100
69 33.5 28.6 43.0
84 96.5 84.8 127.2

Manual Integrations
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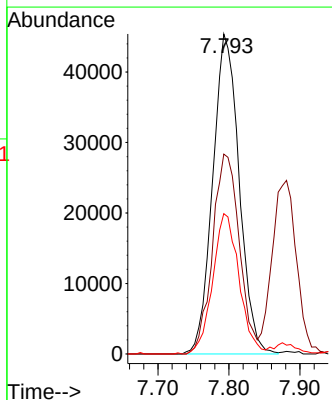
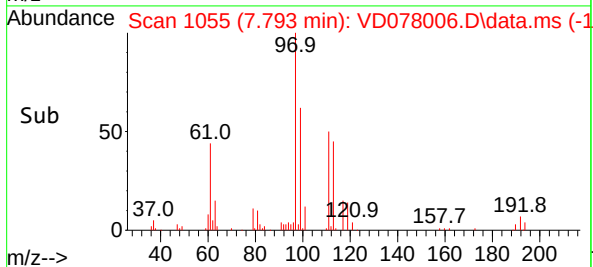
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

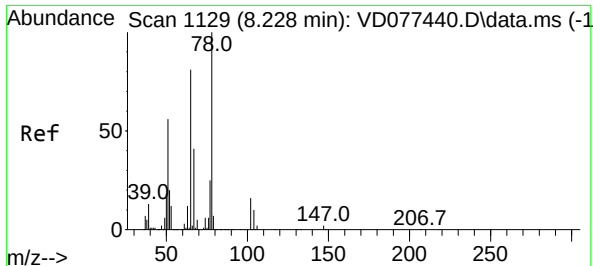


#32
1,1,1-Trichloroethane
Concen: 52.994 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion: 97 Resp: 117439
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 43.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.138 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 7228

Ion Ratio Lower Upper

65 100

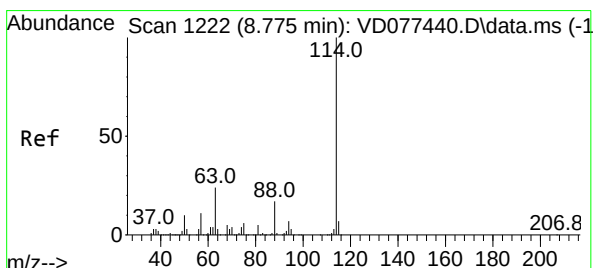
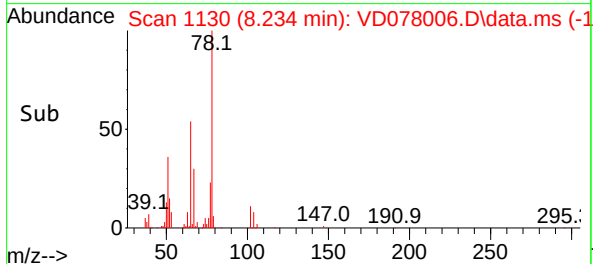
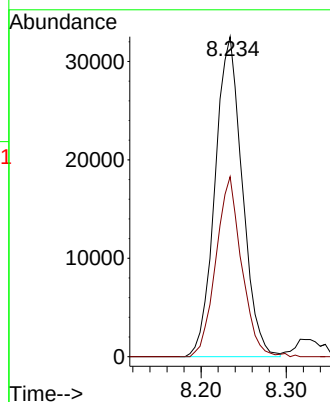
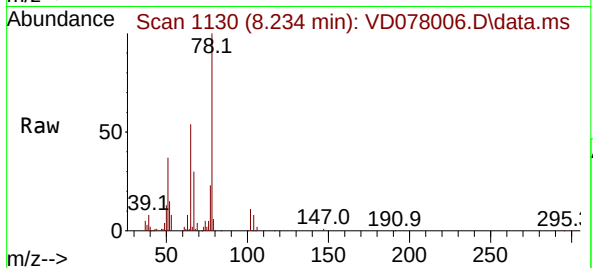
67 53.1 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

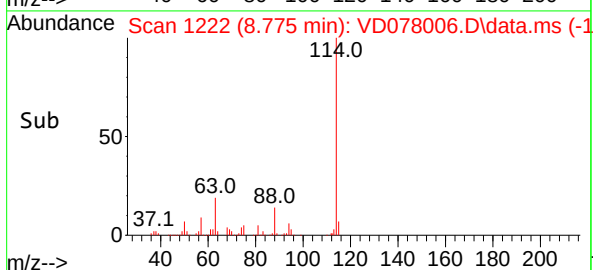
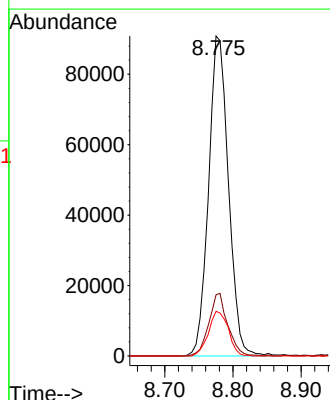
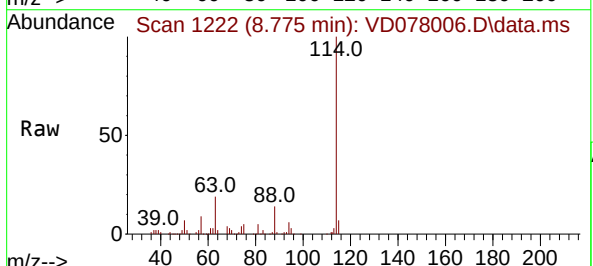
Tgt Ion:114 Resp: 184839

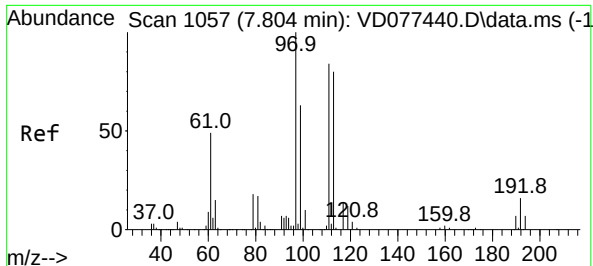
Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 59.566 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

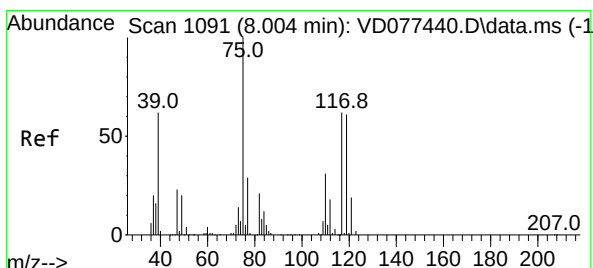
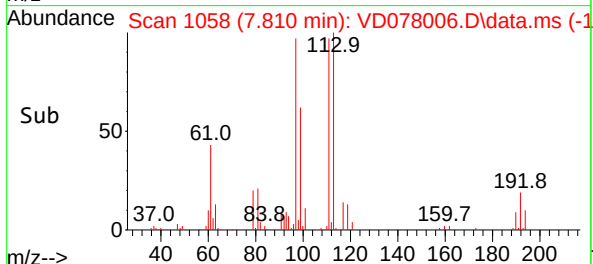
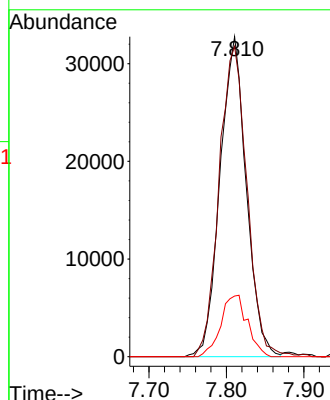
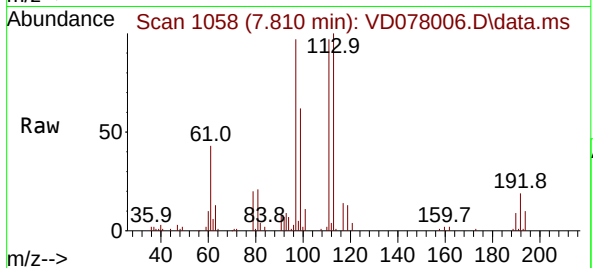
VSTDCCC050

Tgt Ion:113 Resp: 7712
 Ion Ratio Lower Upper
 113 100
 111 103.3 84.7 127.1
 192 19.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023



#36

1,1-Dichloropropene

Concen: 48.558 ug/l

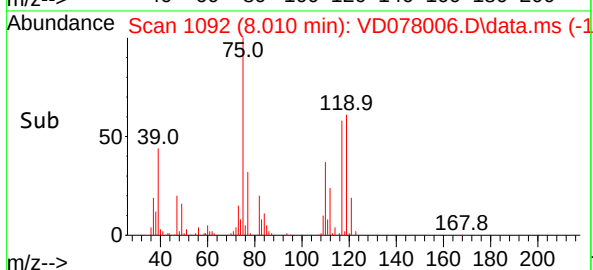
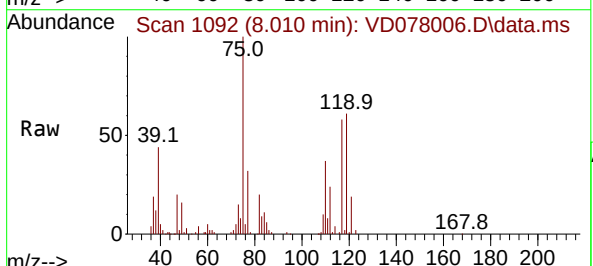
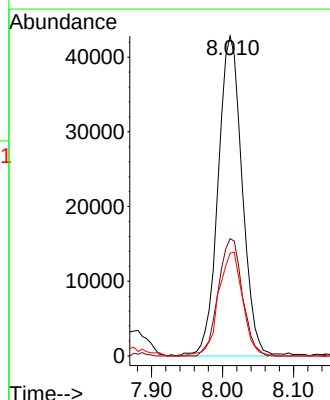
RT: 8.010 min Scan# 1092

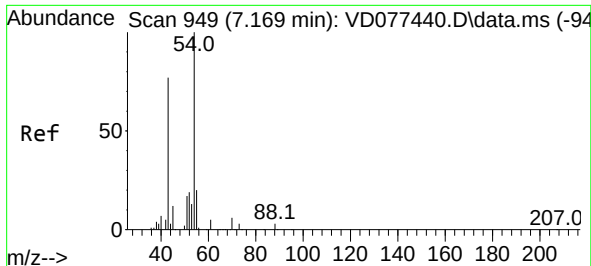
Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

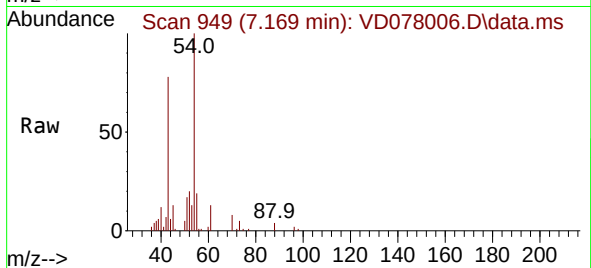
Tgt Ion: 75 Resp: 100564
 Ion Ratio Lower Upper
 75 100
 110 36.7 19.9 59.6
 77 32.6 24.7 37.1





#37
Ethyl Acetate
Concen: 43.142 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

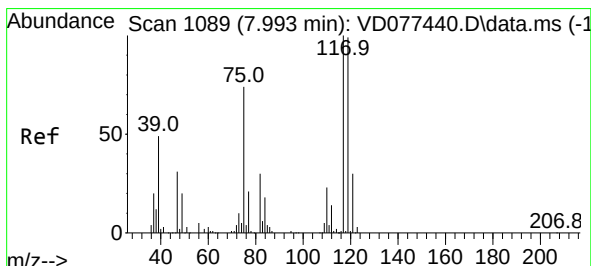
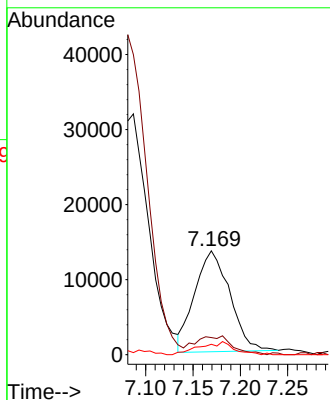
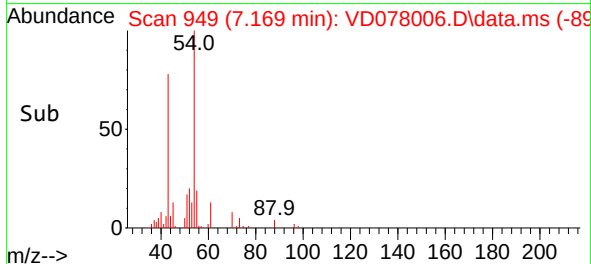
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 34838
Ion Ratio Lower Upper
43 100
61 19.3 14.9 22.3
70 12.5 10.0 15.0

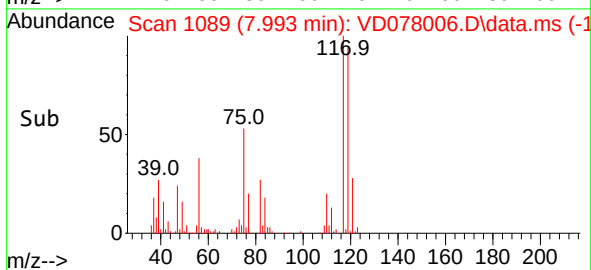
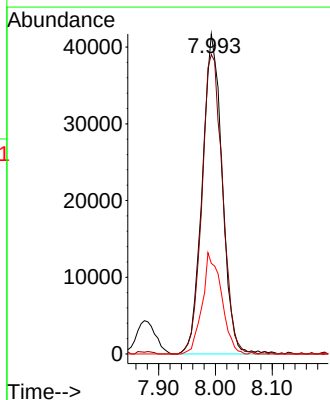
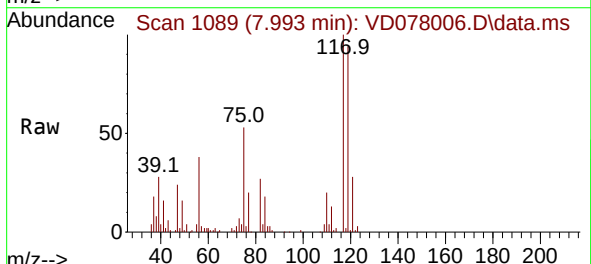
Manual Integrations
APPROVED

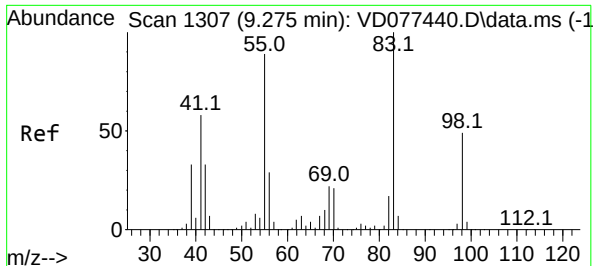
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#38
Carbon Tetrachloride
Concen: 49.252 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion:117 Resp: 101687
Ion Ratio Lower Upper
117 100
119 93.6 78.0 117.0
121 28.3 24.2 36.2





#39

Methylcyclohexane

Concen: 46.249 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 113548

Ion Ratio Lower Upper

83 100

55 72.4 49.4 74.0

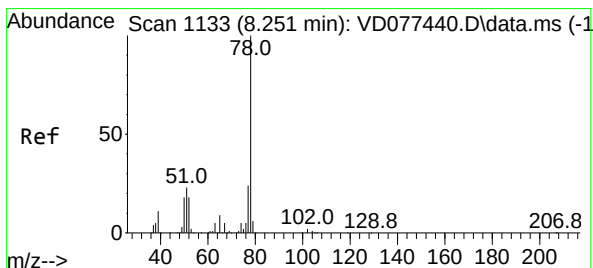
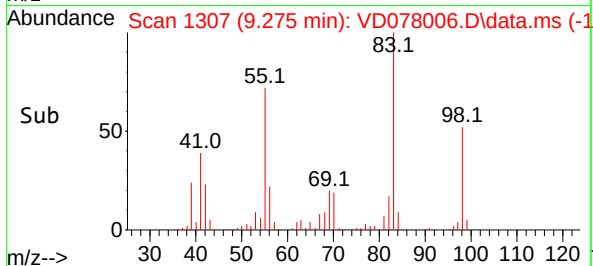
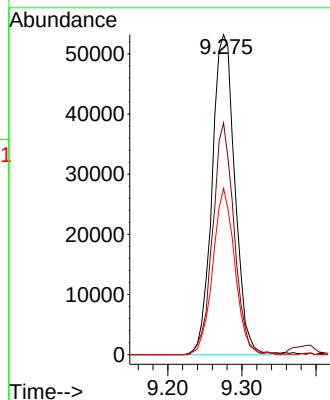
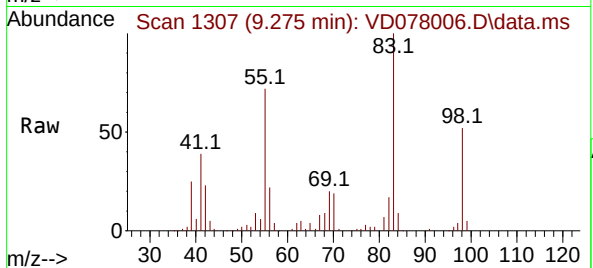
98 52.0 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#40

Benzene

Concen: 52.385 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD078006.D

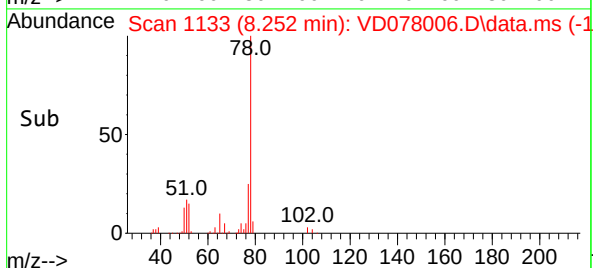
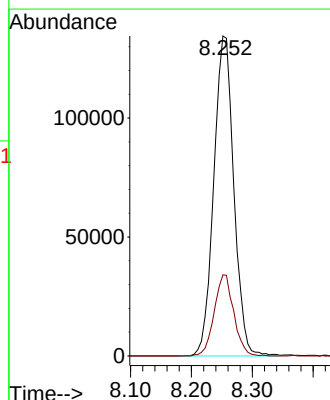
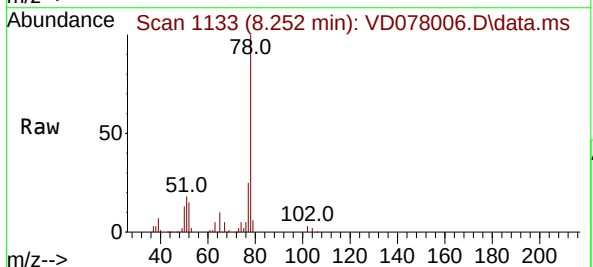
Acq: 20 Dec 2023 20:50

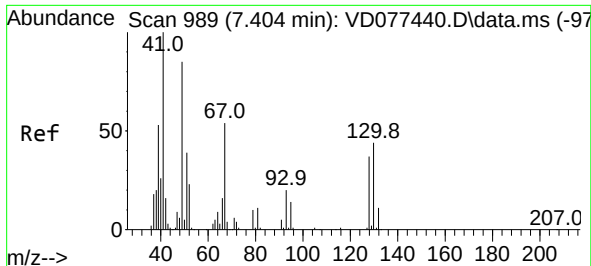
Tgt Ion: 78 Resp: 307917

Ion Ratio Lower Upper

78 100

77 25.4 19.4 29.0





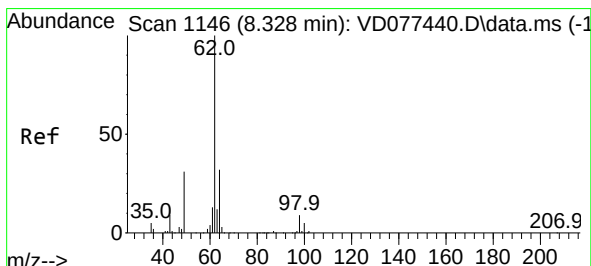
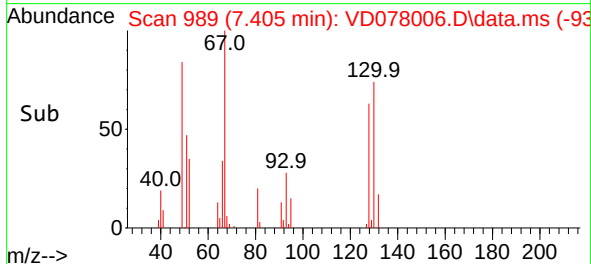
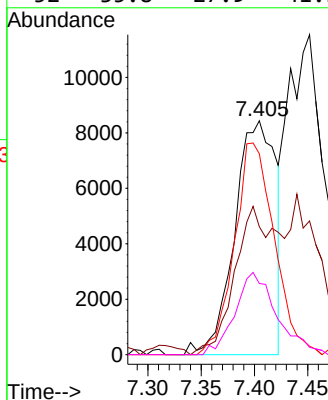
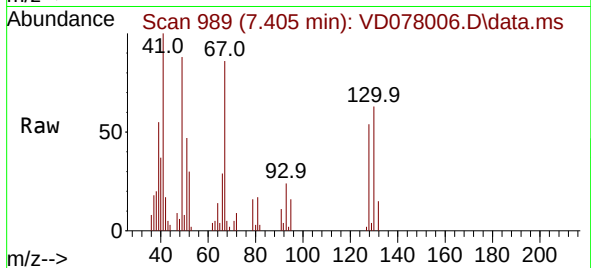
#41
Methacrylonitrile
Concen: 55.107 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 22618
Ion Ratio Lower Upper
41 100
39 46.8 34.0 51.0
67 88.2 77.0 115.4
52 35.8 27.9 41.9

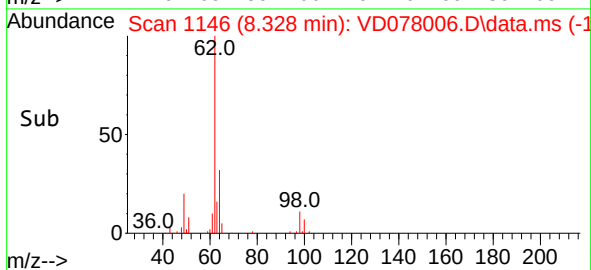
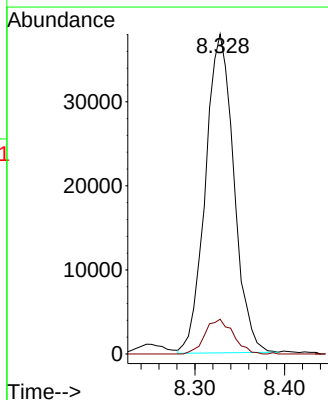
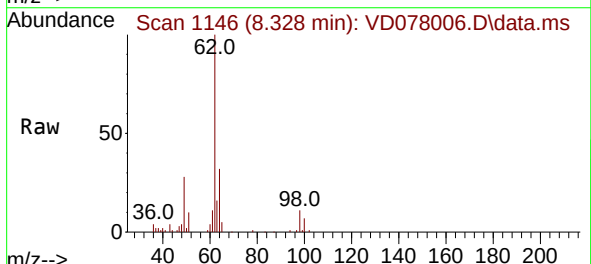
Manual Integrations
APPROVED

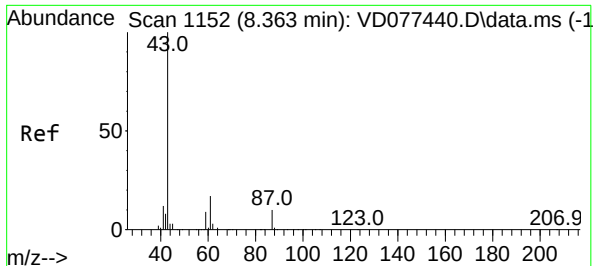
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#42
1,2-Dichloroethane
Concen: 54.731 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

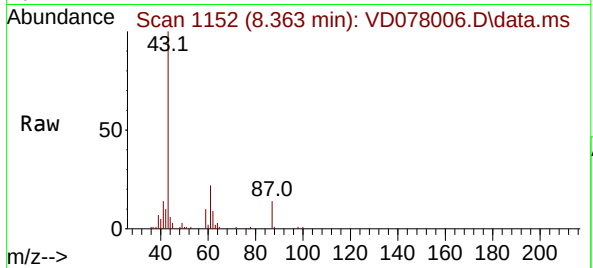
Tgt Ion: 62 Resp: 83391
Ion Ratio Lower Upper
62 100
98 10.8 0.0 25.4





#43
Isopropyl Acetate
Concen: 49.769 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

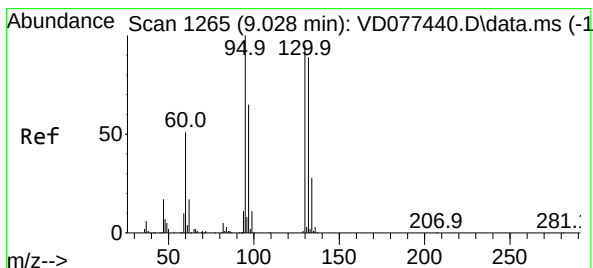
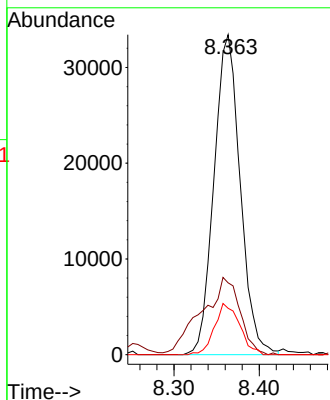
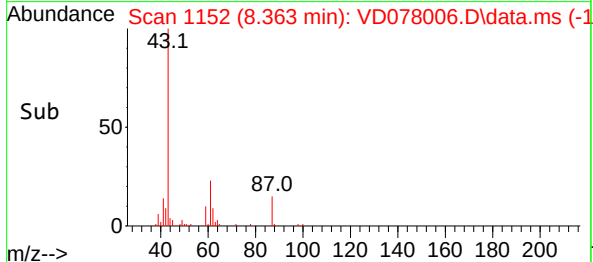
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



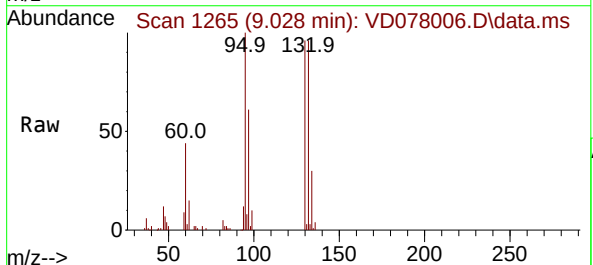
Tgt Ion: 43 Resp: 7144
Ion Ratio Lower Upper
43 100
61 35.3 31.4 47.0
87 15.3 14.9 22.3

Manual Integrations
APPROVED

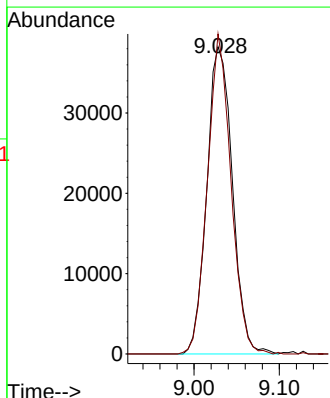
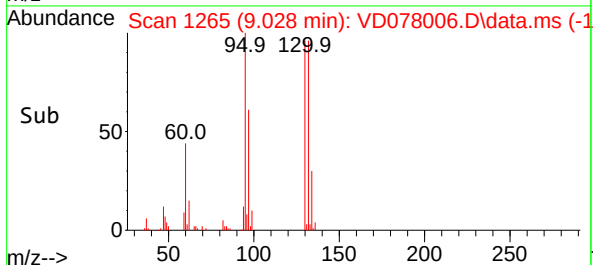
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

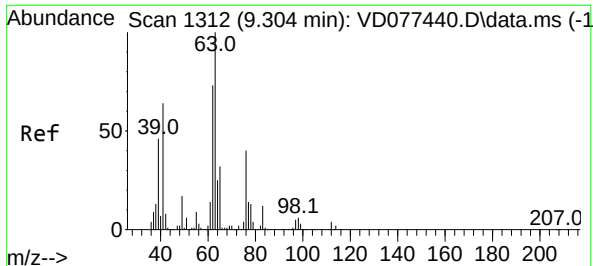


#44
Trichloroethene
Concen: 52.040 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion:130 Resp: 79714
Ion Ratio Lower Upper
130 100
95 104.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 54.188 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 77429

Ion Ratio Lower Upper

63 100

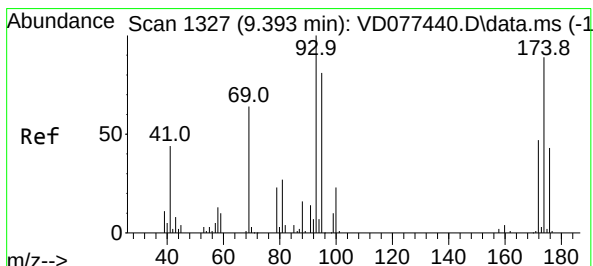
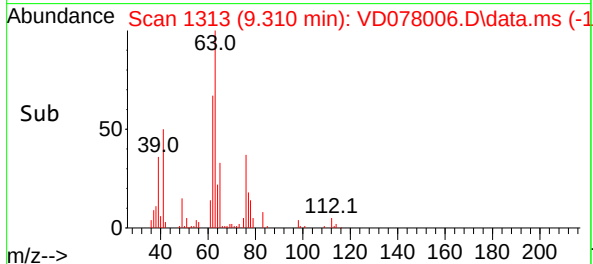
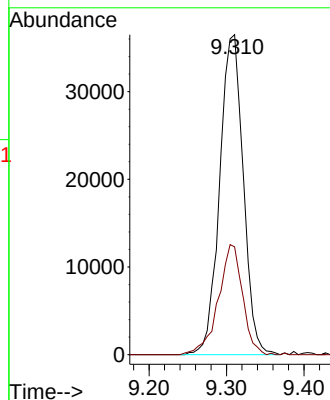
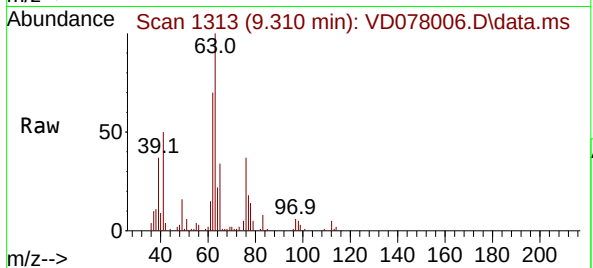
65 33.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#46

Dibromomethane

Concen: 57.181 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

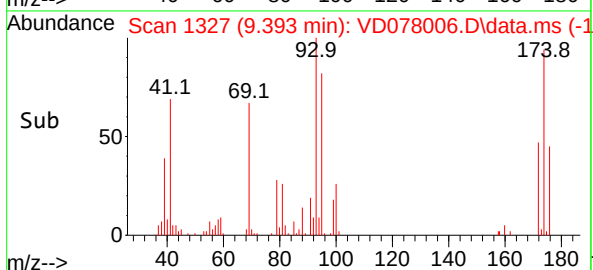
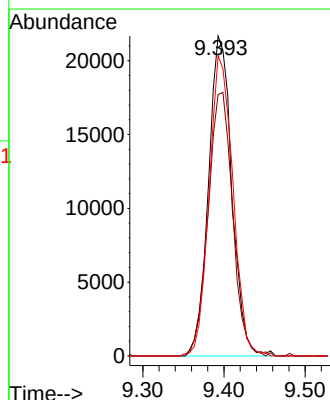
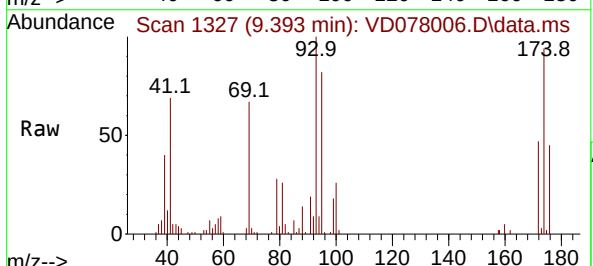
Tgt Ion: 93 Resp: 43232

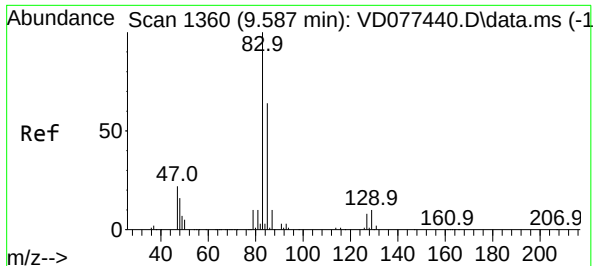
Ion Ratio Lower Upper

93 100

95 86.5 67.7 101.5

174 95.6 85.4 128.2





#47

Bromodichloromethane

Concen: 56.259 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

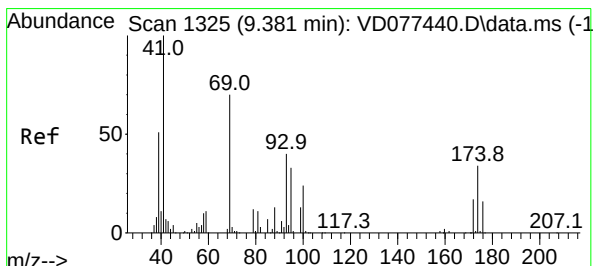
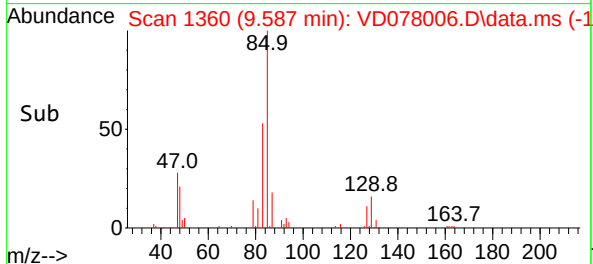
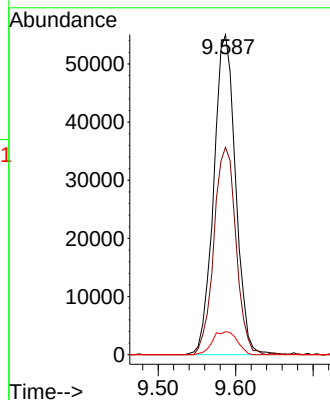
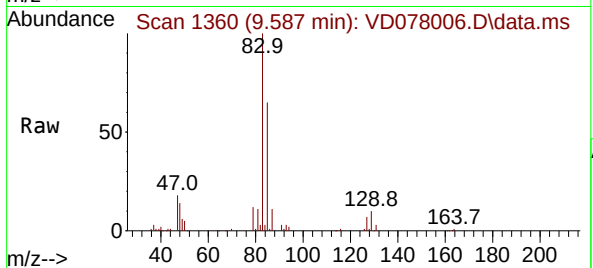
Tgt Ion: 83 Resp: 10781

Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.4
127	7.2	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#48

Methyl methacrylate

Concen: 49.911 ug/l

RT: 9.381 min Scan# 1325

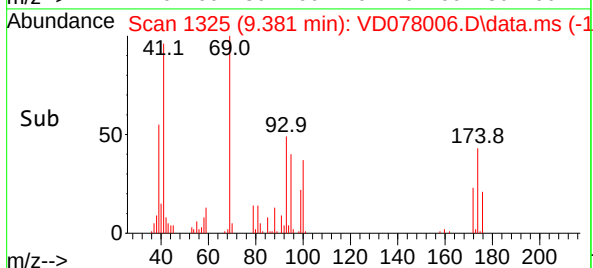
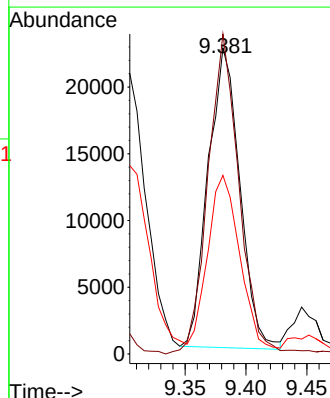
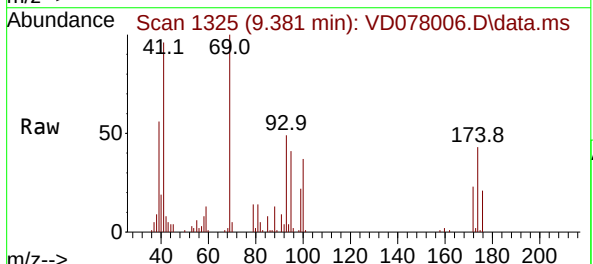
Delta R.T. -0.000 min

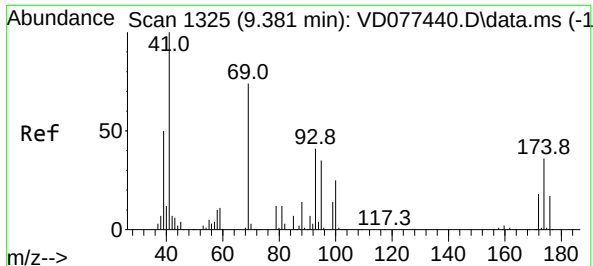
Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Tgt Ion: 41 Resp: 40727

Ion	Ratio	Lower	Upper
41	100		
69	105.0	102.2	153.2
39	62.0	41.4	62.2





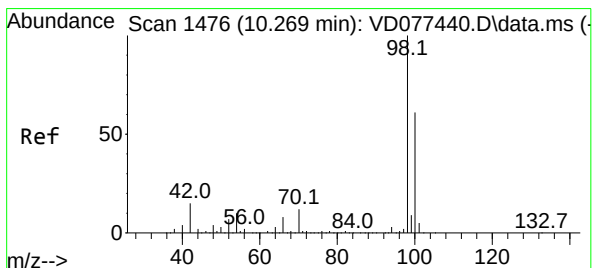
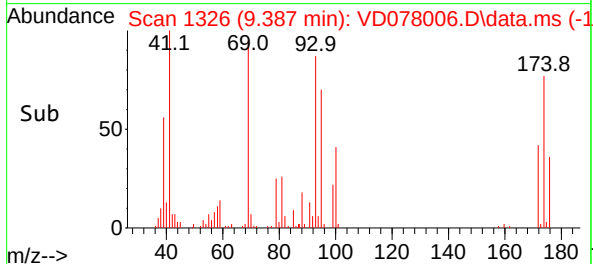
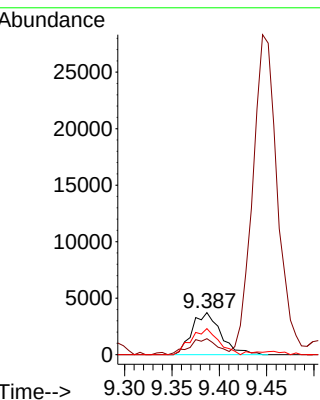
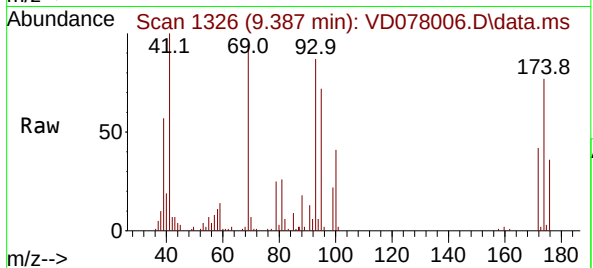
#49
1,4-Dioxane
Concen: 1046.704 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 785
Ion Ratio Lower Upper
88 100
43 38.6 19.0 28.6
58 59.0 43.5 65.3

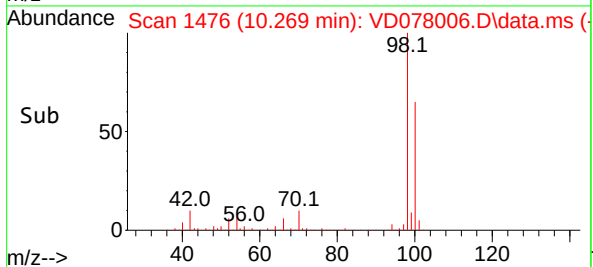
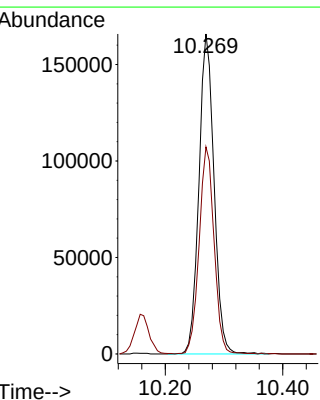
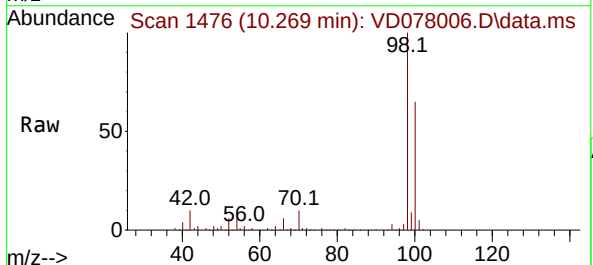
Manual Integrations
APPROVED

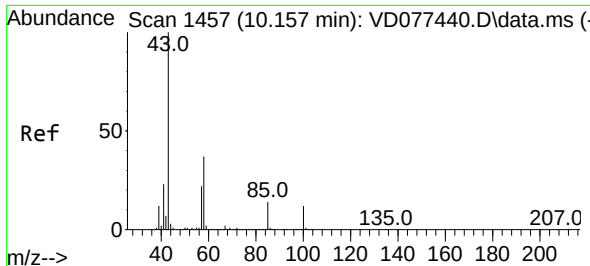
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#50
Toluene-d8
Concen: 57.038 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

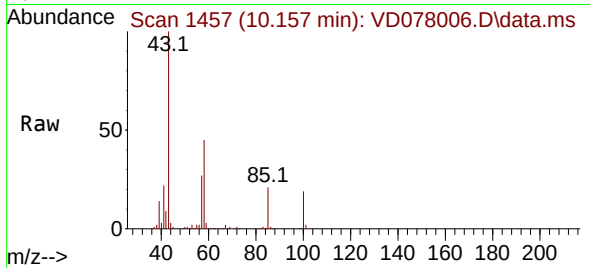
Tgt Ion: 98 Resp: 295774
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 258.529 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

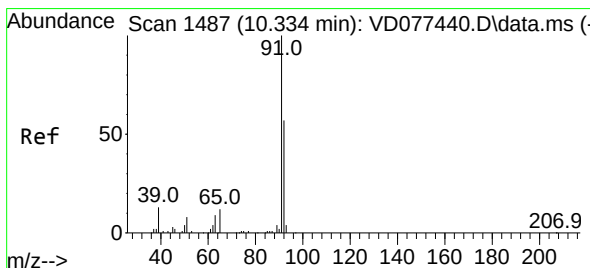
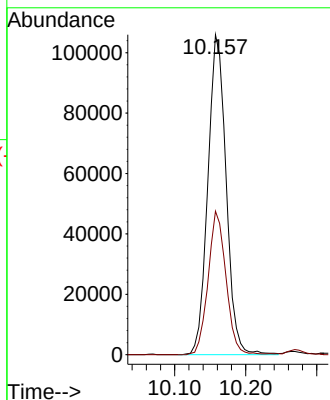
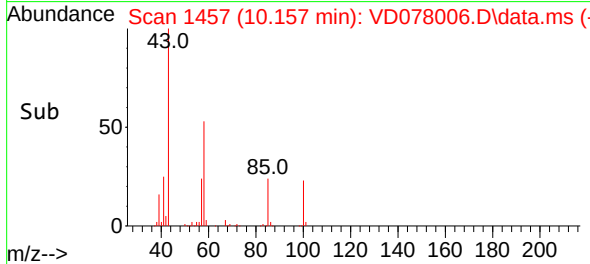
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



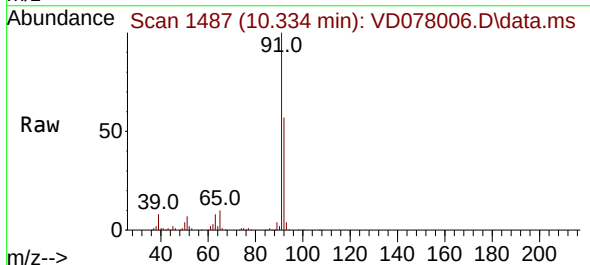
Tgt Ion: 43 Resp: 18940
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3

Manual Integrations
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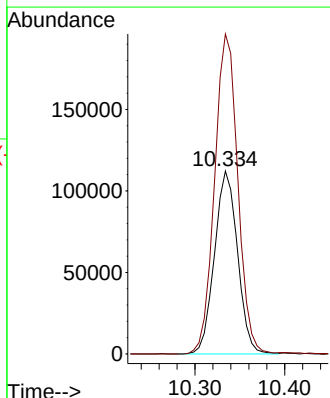
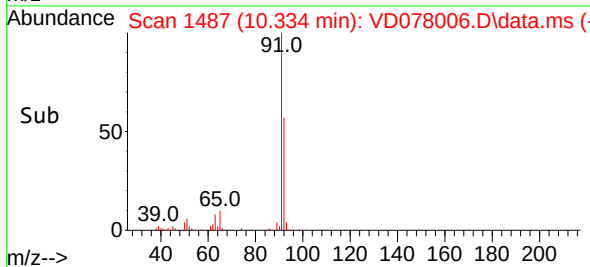
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

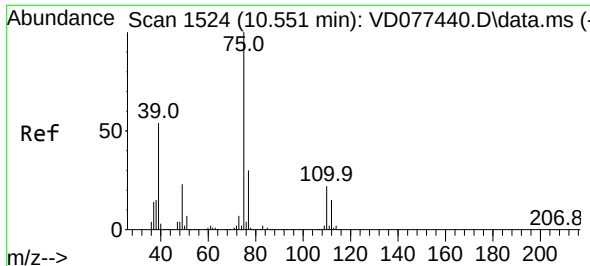


#52
Toluene
Concen: 54.880 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion: 92 Resp: 200098
Ion Ratio Lower Upper
92 100
91 176.1 143.0 214.4





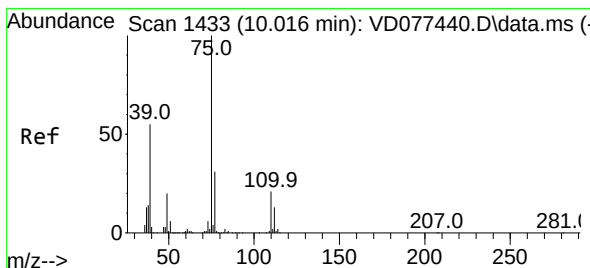
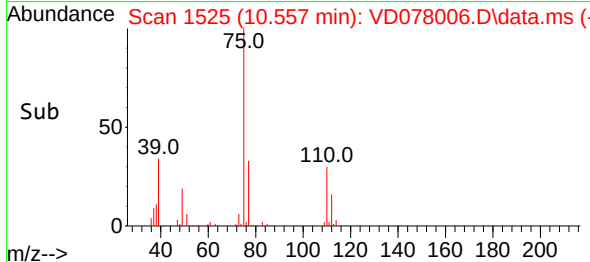
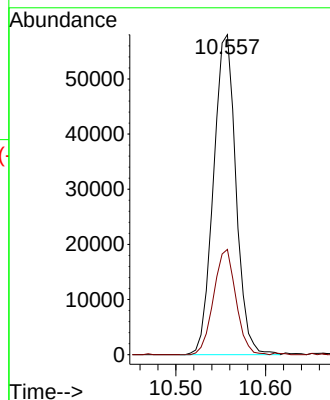
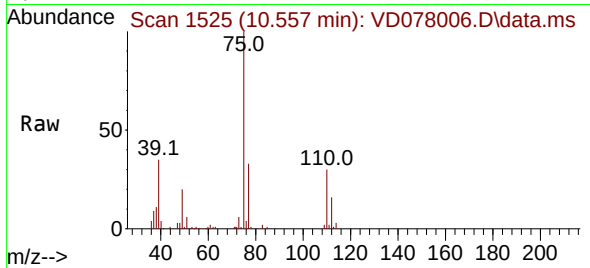
#53
 t-1,3-Dichloropropene
 Concen: 54.832 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 10090
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.3 37.9

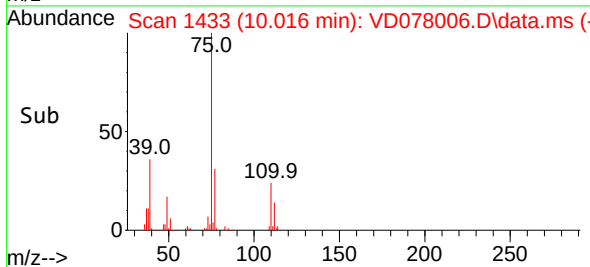
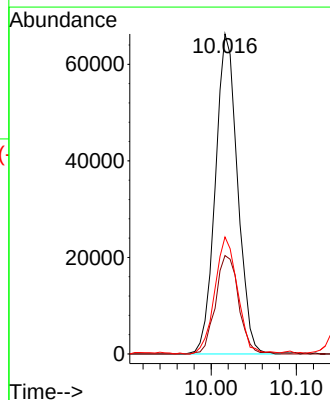
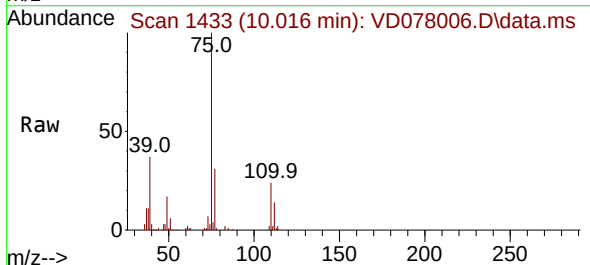
Manual Integrations
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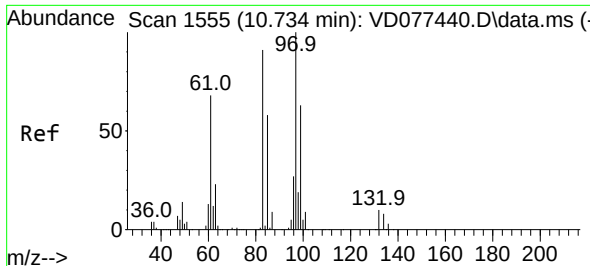
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.887 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

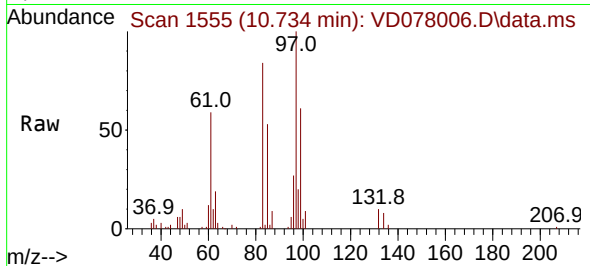
Tgt Ion: 75 Resp: 119896
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 36.2 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 57.253 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

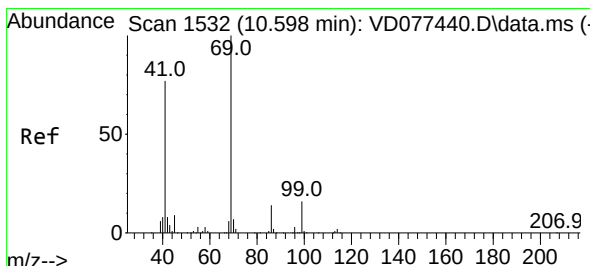
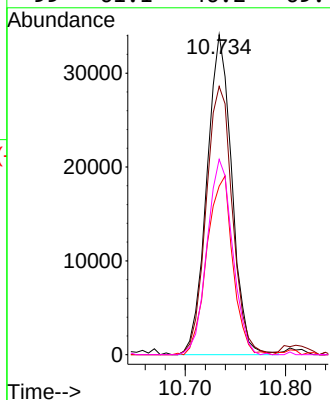
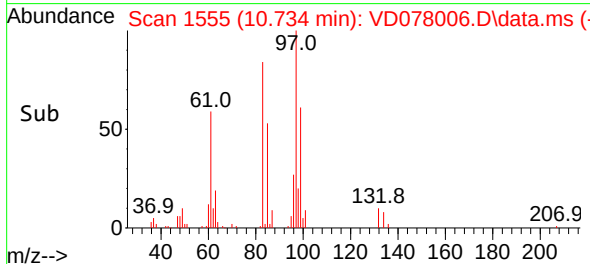
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



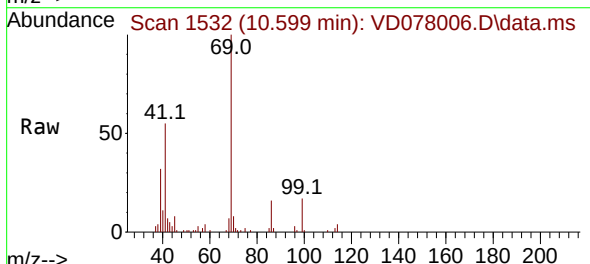
Tgt Ion: 97	Resp: 59209
Ion Ratio	Lower Upper
97 100	
83 83.8	65.8 98.6
85 52.2	45.7 68.5
99 61.1	46.2 69.4

Manual Integrations
APPROVED

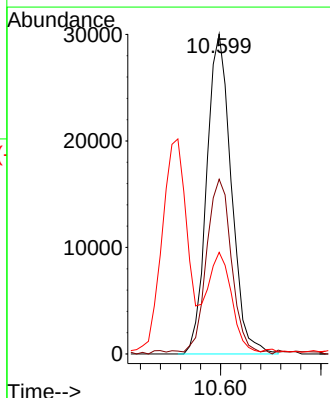
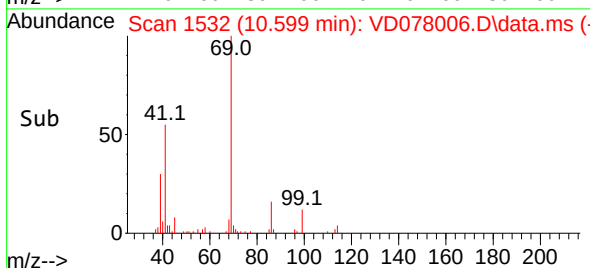
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

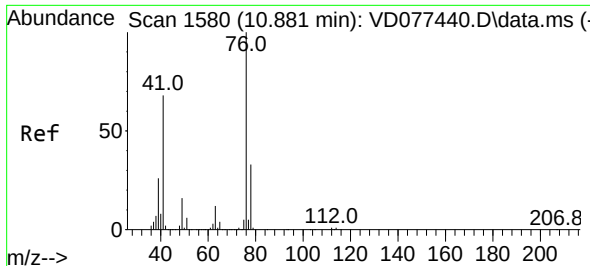


#56
Ethyl methacrylate
Concen: 56.115 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion: 69	Resp: 51157
Ion Ratio	Lower Upper
69 100	
41 56.0	39.1 58.7
39 28.7	20.0 30.0





#57

1,3-Dichloropropane

Concen: 56.381 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 100500

Ion Ratio Lower Upper

76 100

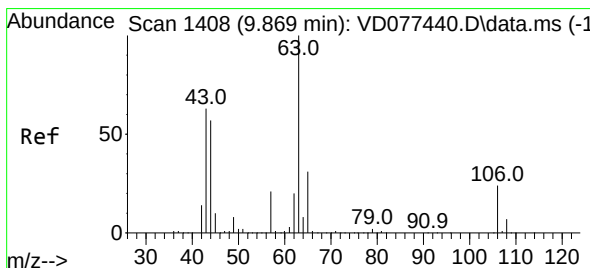
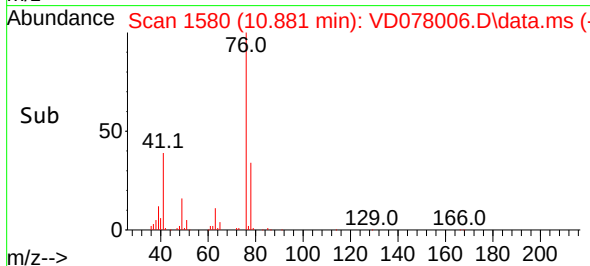
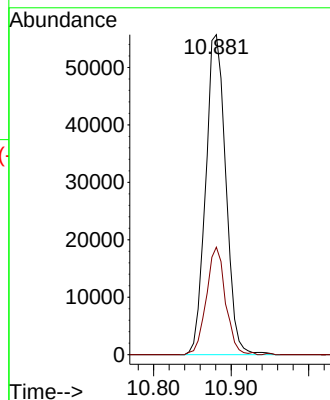
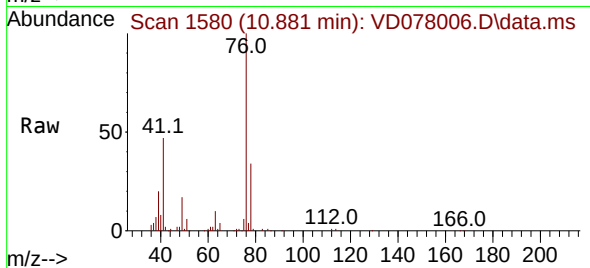
78 32.0 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 223.153 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078006.D

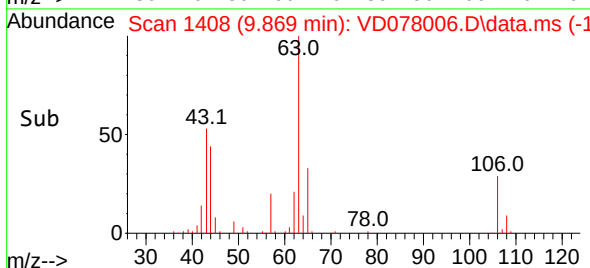
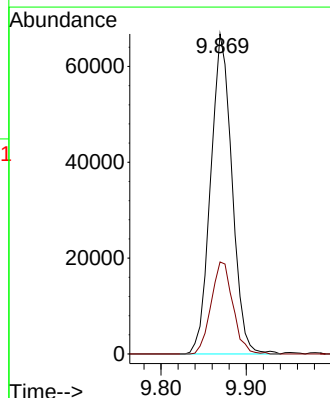
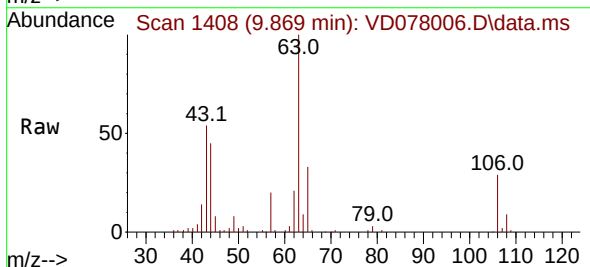
Acq: 20 Dec 2023 20:50

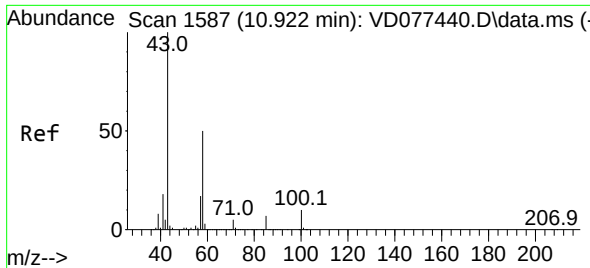
Tgt Ion: 63 Resp: 116015

Ion Ratio Lower Upper

63 100

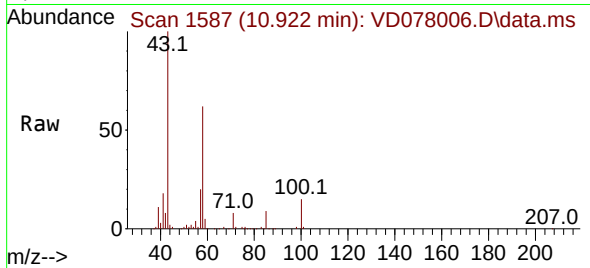
106 29.3 25.3 37.9





#59
2-Hexanone
Concen: 222.132 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

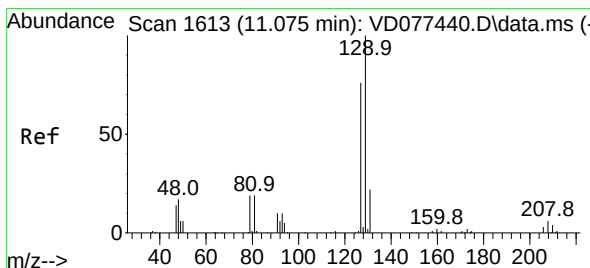
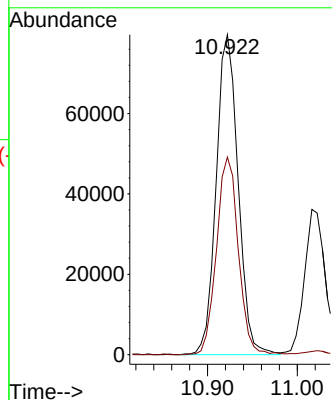
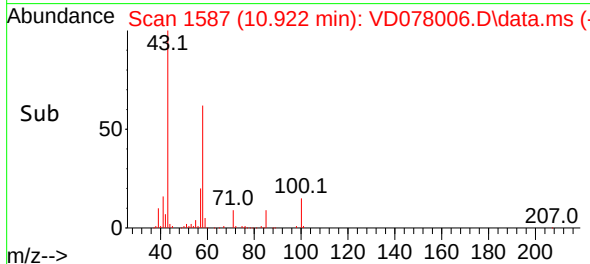
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 135014
Ion Ratio Lower Upper
43 100
58 61.6 34.1 102.2

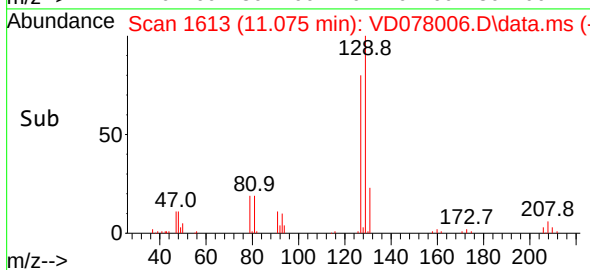
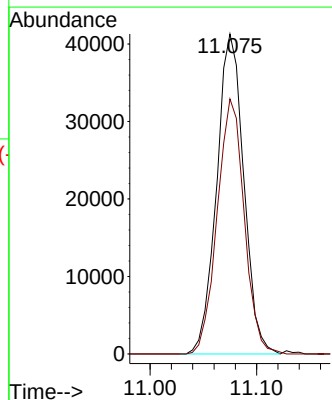
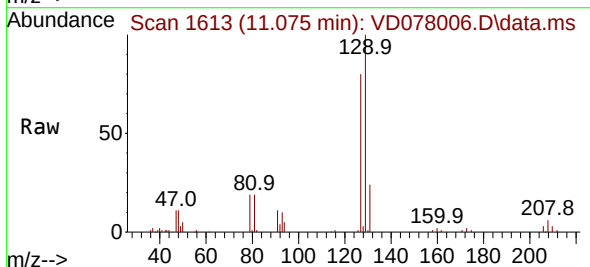
Manual Integrations
APPROVED

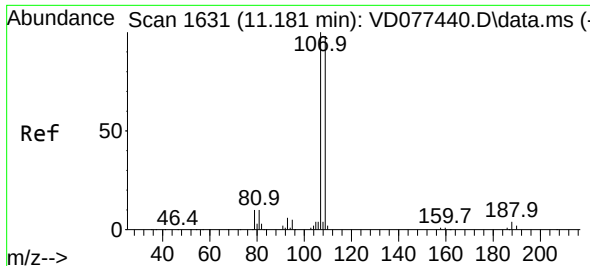
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#60
Dibromochloromethane
Concen: 58.539 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

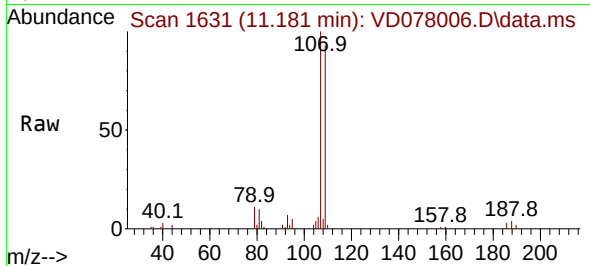
Tgt Ion:129 Resp: 72887
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5





#61
1,2-Dibromoethane
Concen: 57.785 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

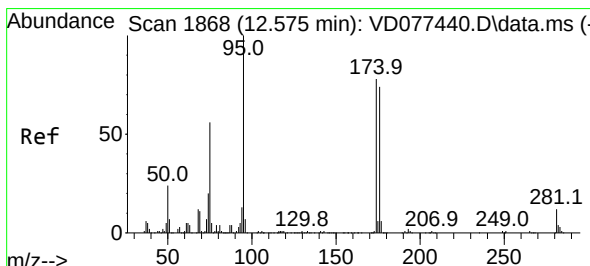
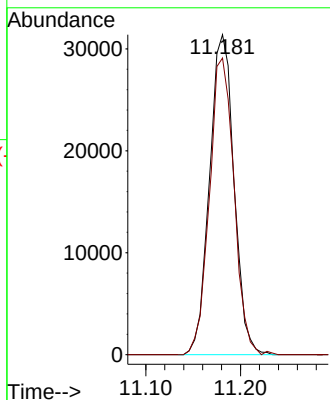
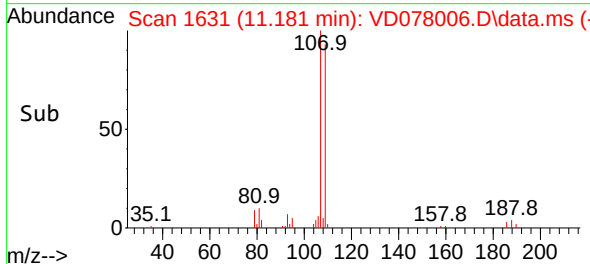
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



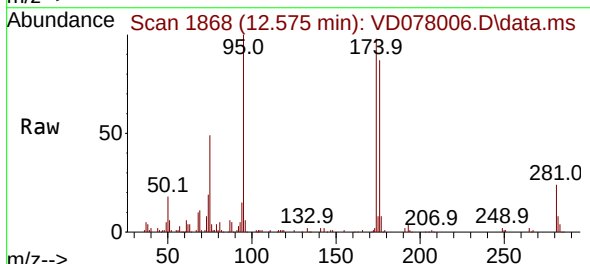
Tgt Ion:107 Resp: 5625
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

Manual Integrations
APPROVED

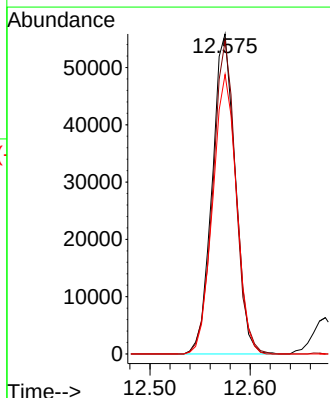
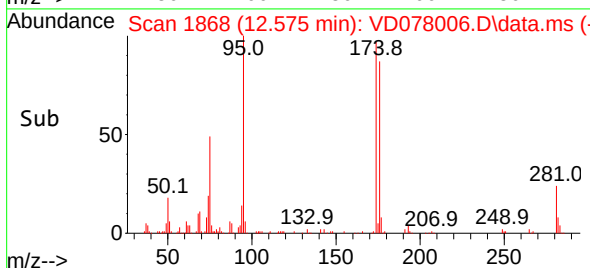
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

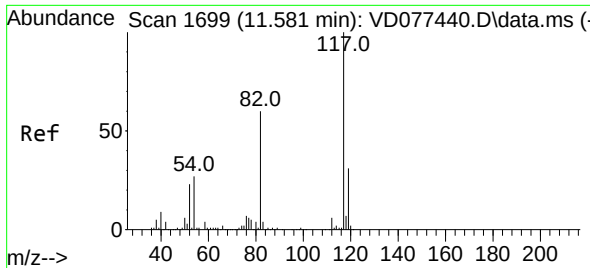


#62
4-Bromofluorobenzene
Concen: 57.653 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



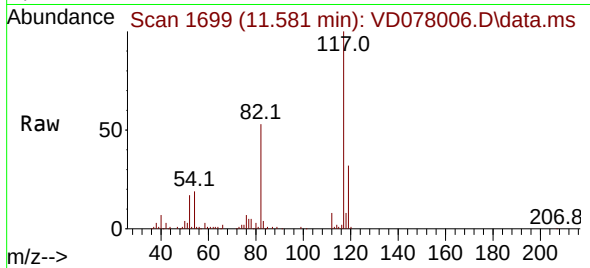
Tgt Ion: 95 Resp: 89383
Ion Ratio Lower Upper
95 100
174 96.4 0.0 201.8
176 89.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

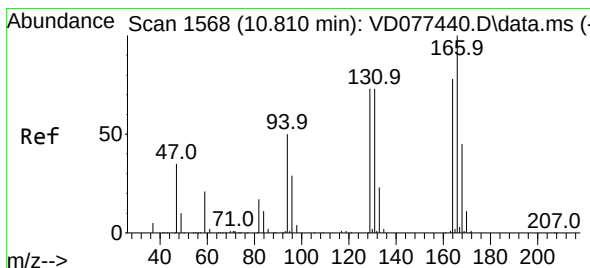
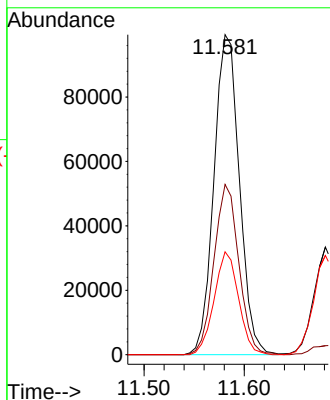
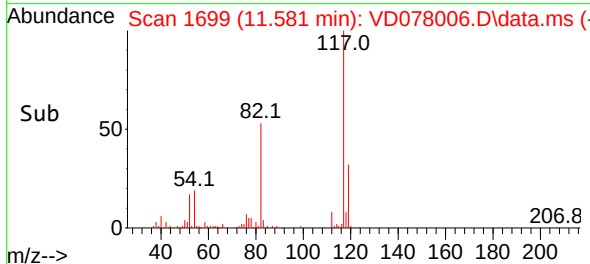
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



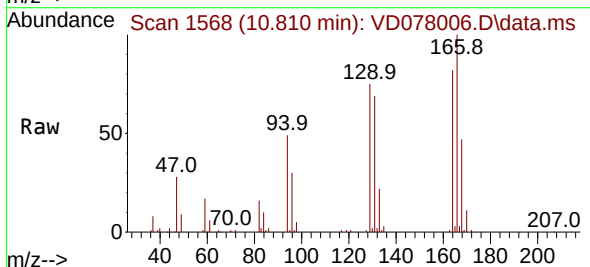
Tgt Ion:117 Resp: 175210
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 32.2 25.0 37.4

Manual Integrations
APPROVED

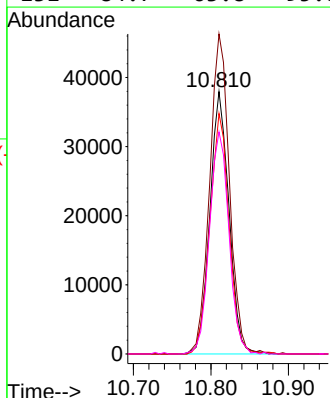
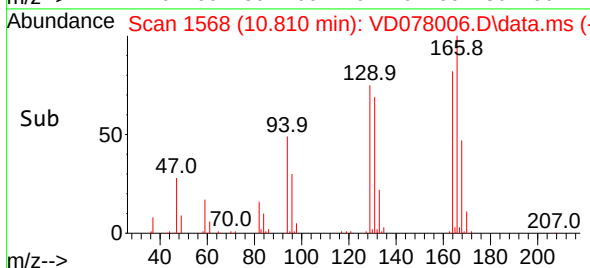
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

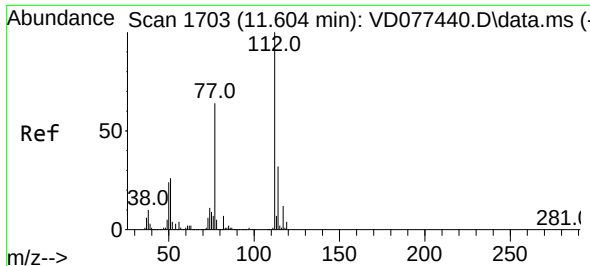


#64
Tetrachloroethene
Concen: 50.645 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



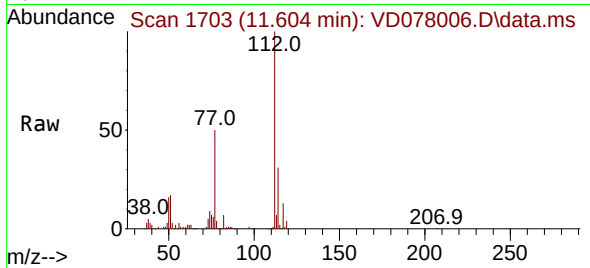
Tgt Ion:164 Resp: 65219
Ion Ratio Lower Upper
164 100
166 122.0 99.2 148.8
129 91.6 68.4 102.6
131 84.7 63.8 95.8





#65
Chlorobenzene
Concen: 51.683 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

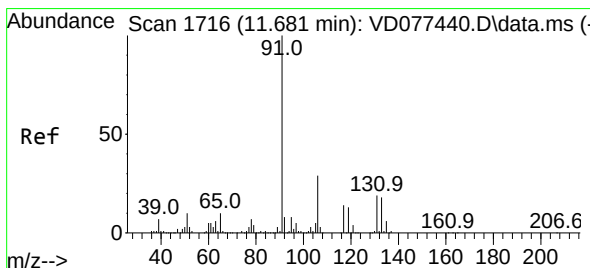
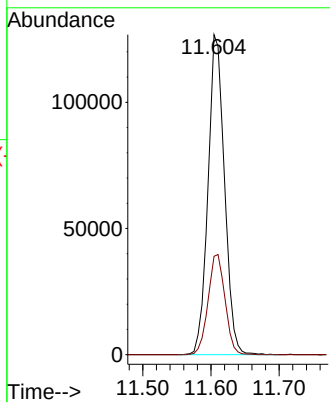
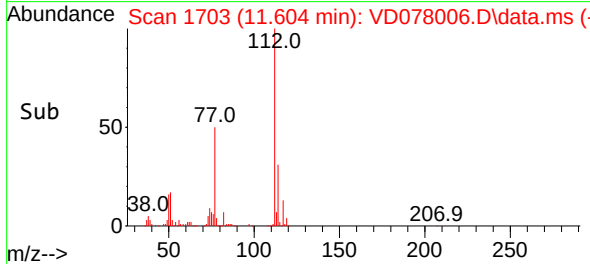
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



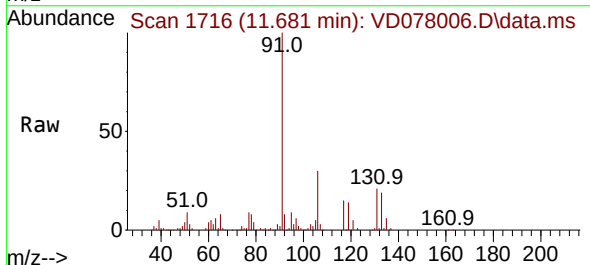
Tgt Ion:112 Resp: 213200
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7

Manual Integrations
APPROVED

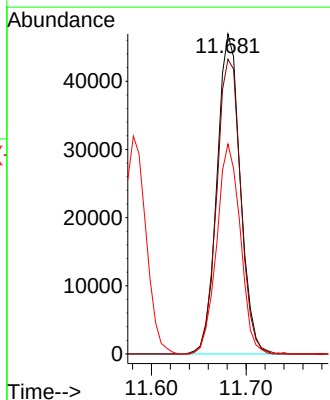
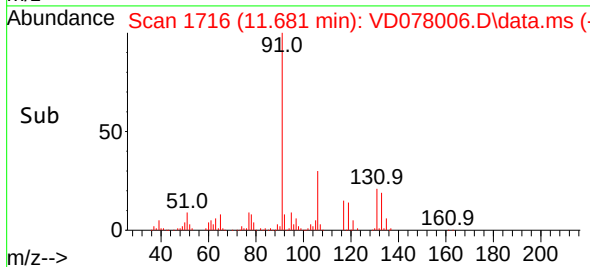
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

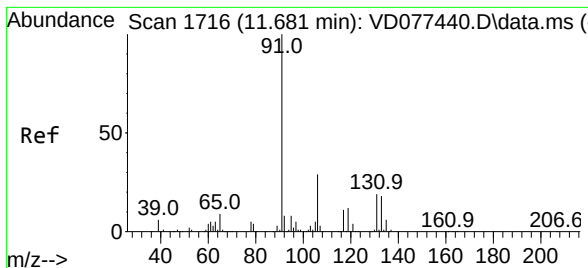


#66
1,1,1,2-Tetrachloroethane
Concen: 54.981 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion:131 Resp: 80107
Ion Ratio Lower Upper
131 100
133 95.1 48.5 145.5
119 66.6 35.6 106.9





#67

Ethyl Benzene

Concen: 52.150 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 380408

Ion Ratio Lower Upper

91 100

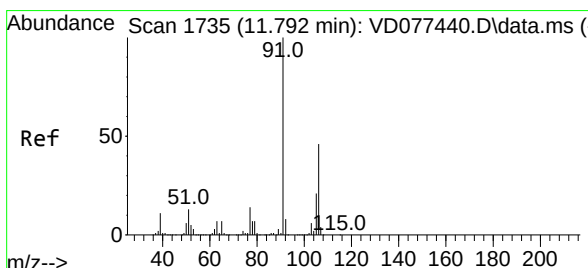
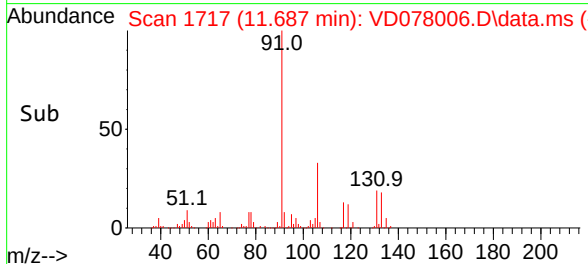
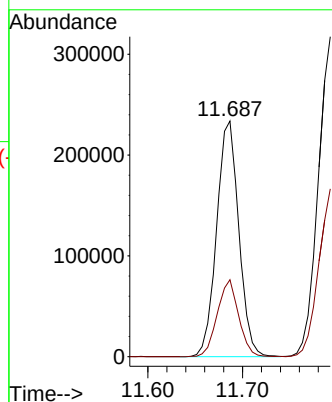
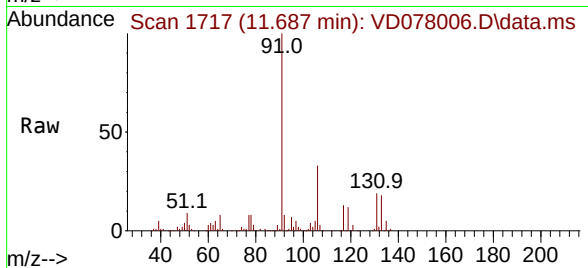
106 32.7 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#68

m/p-Xylenes

Concen: 106.773 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD078006.D

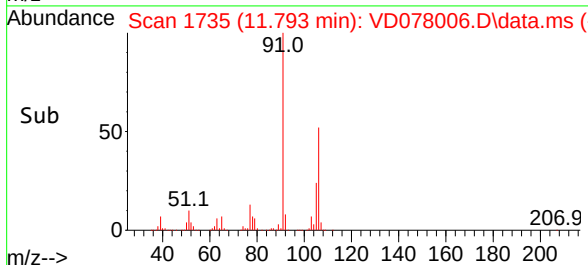
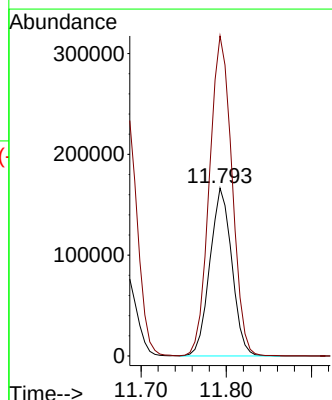
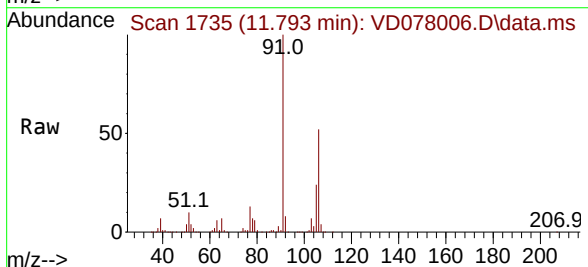
Acq: 20 Dec 2023 20:50

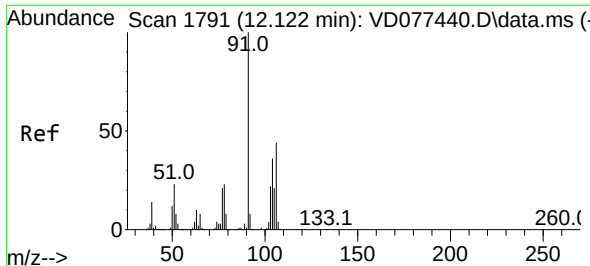
Tgt Ion:106 Resp: 297917

Ion Ratio Lower Upper

106 100

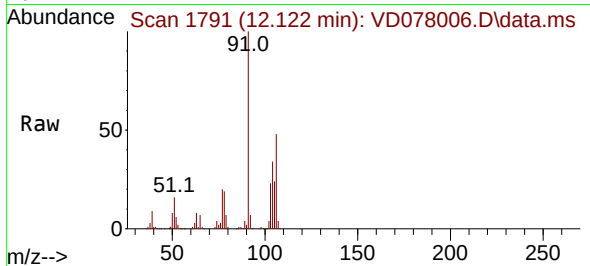
91 196.2 147.0 220.6





#69
o-Xylene
Concen: 53.861 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

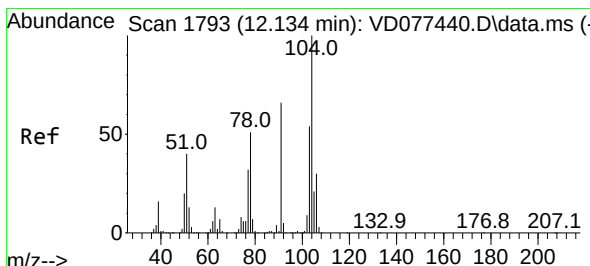
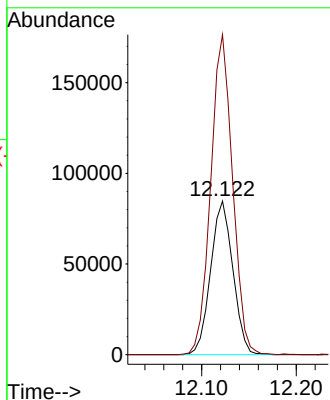
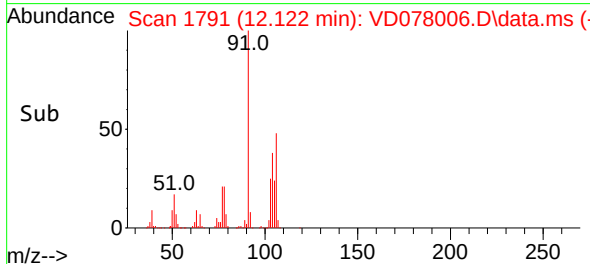
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



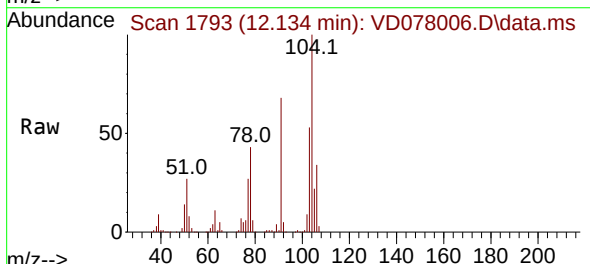
Tgt Ion:106 Resp: 138504
Ion Ratio Lower Upper
106 100
91 204.6 97.9 293.6

Manual Integrations
APPROVED

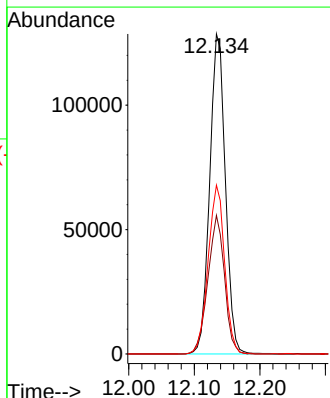
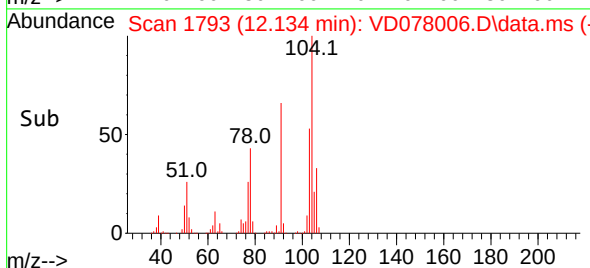
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

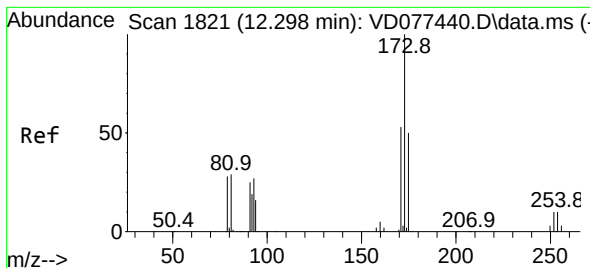


#70
Styrene
Concen: 55.915 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion:104 Resp: 213800
Ion Ratio Lower Upper
104 100
78 45.8 33.2 49.8
103 55.5 43.6 65.4





#71

Bromoform

Concen: 55.374 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

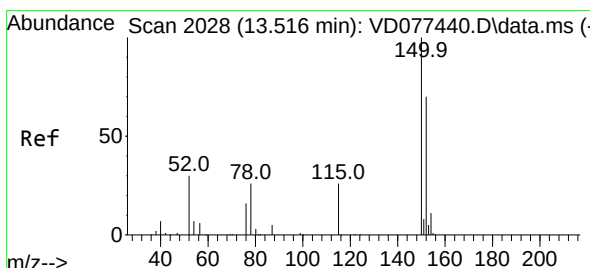
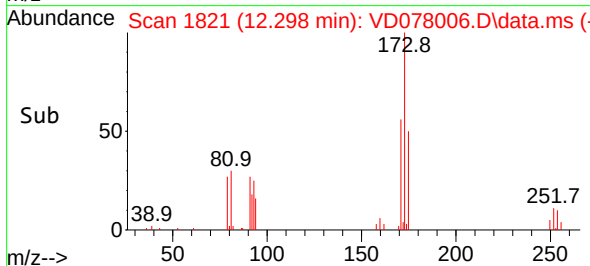
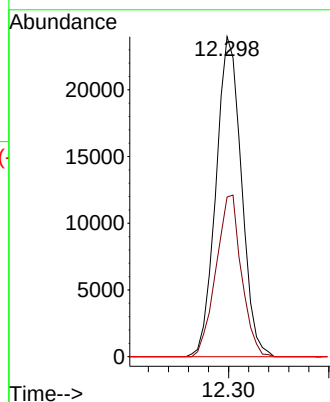
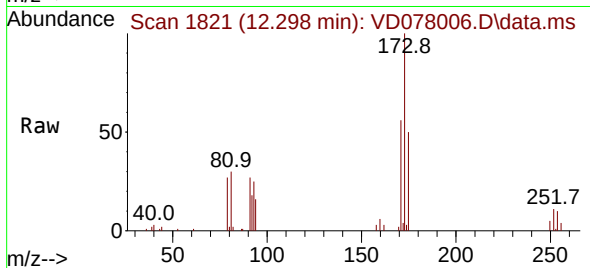
VSTDCCC050

Tgt Ion:	173	Resp:	4215
Ion Ratio	Lower	Upper	
173	100		
175	50.7	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

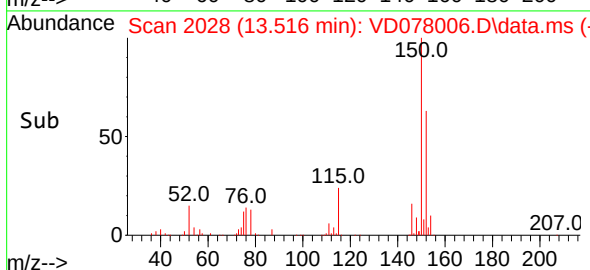
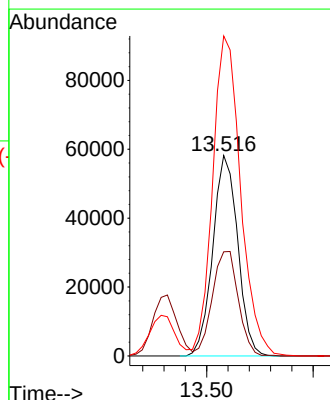
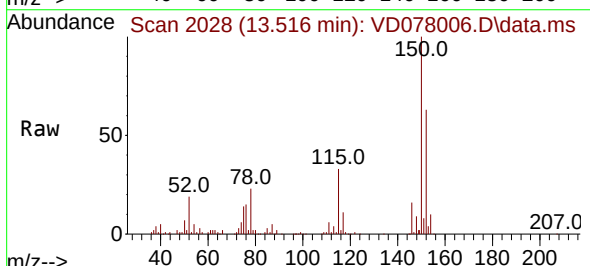
RT: 13.516 min Scan# 2028

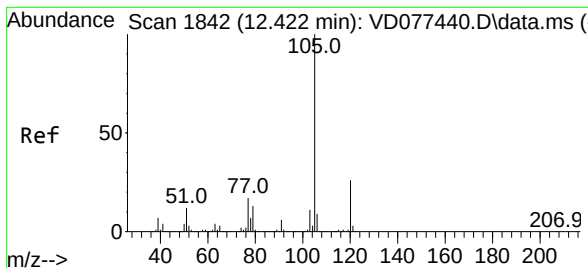
Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Tgt Ion:	152	Resp:	94519
Ion Ratio	Lower	Upper	
152	100		
115	54.4	27.1	81.3
150	179.4	0.0	353.6





#73

Isopropylbenzene

Concen: 50.815 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 36402

Ion Ratio Lower Upper

105 100

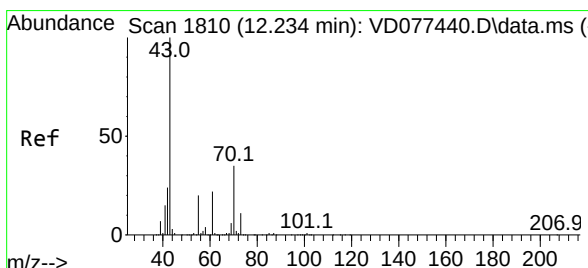
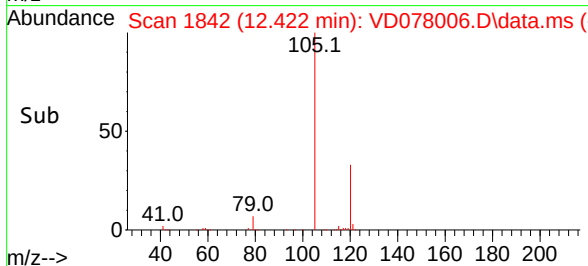
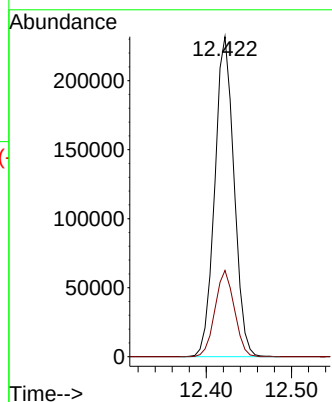
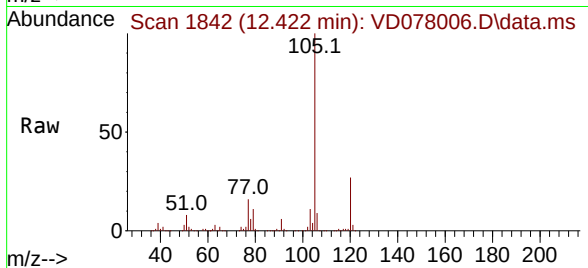
120 27.0 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023

Supervised By :Semsettin Yesilyurt 12/21/2023



#74

N-ethyl acetate

Concen: 45.724 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Tgt Ion: 43 Resp: 64387

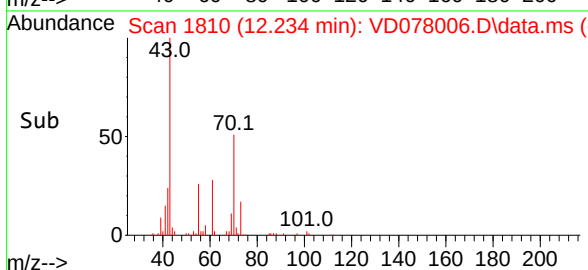
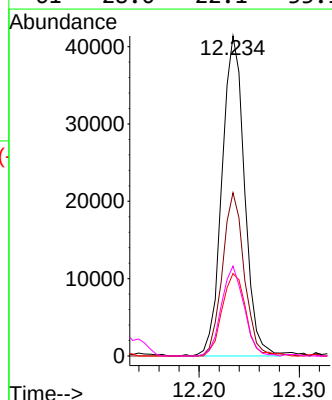
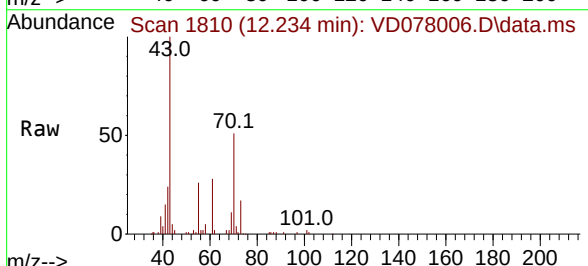
Ion Ratio Lower Upper

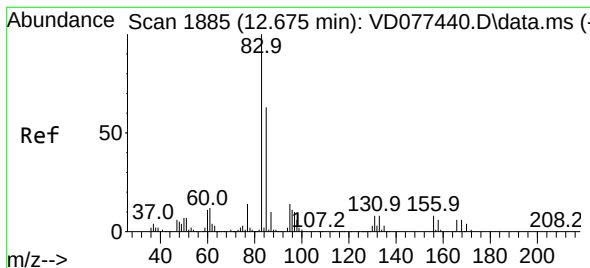
43 100

70 49.5 45.0 67.4

55 27.2 23.8 35.6

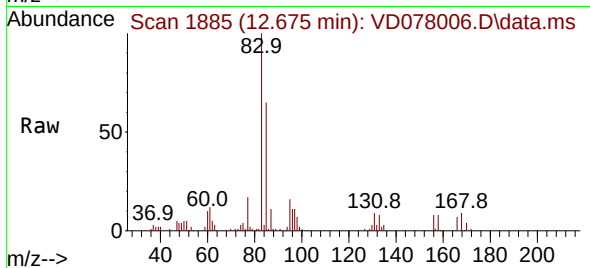
61 28.0 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 54.229 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

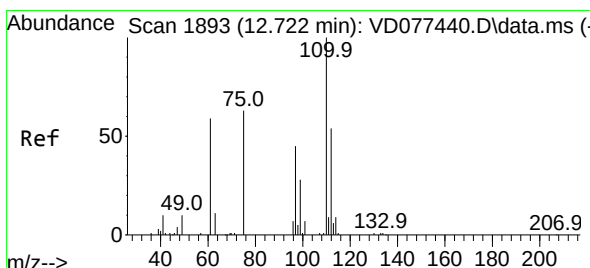
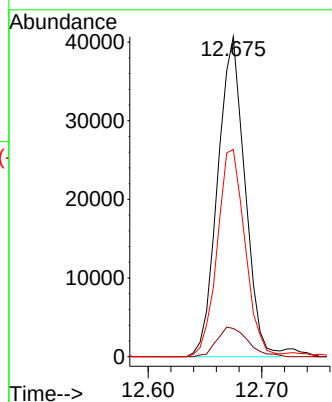
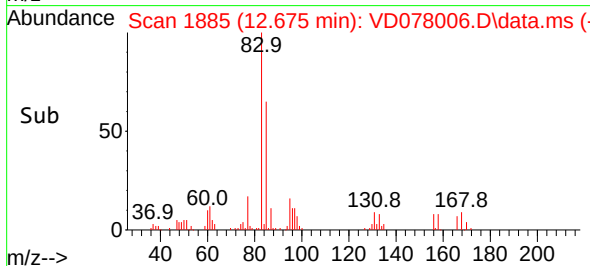
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



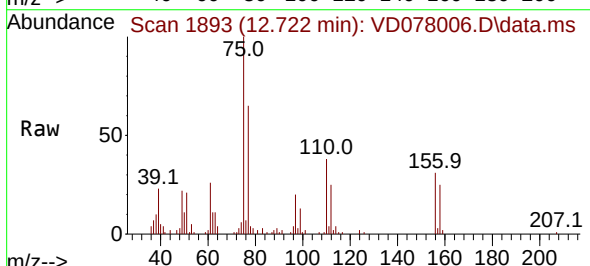
Tgt Ion: 83 Resp: 6773
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 66.3 32.6 97.8

Manual Integrations
APPROVED

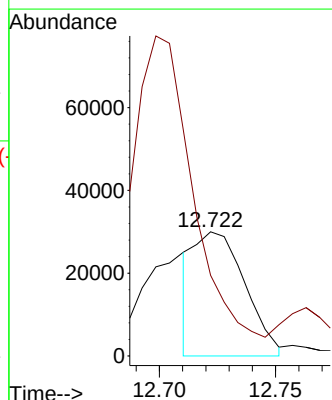
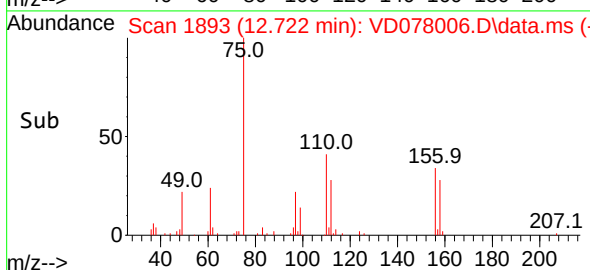
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

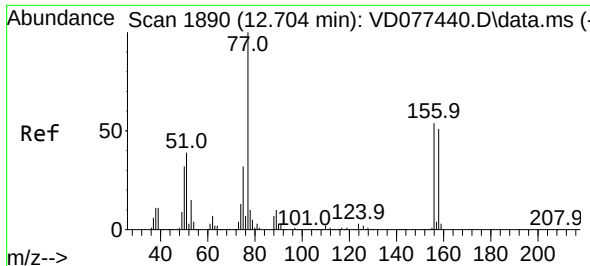


#76
1,2,3-Trichloropropane
Concen: 55.797 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion: 75 Resp: 45804
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





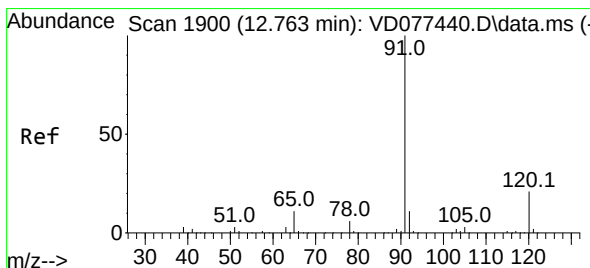
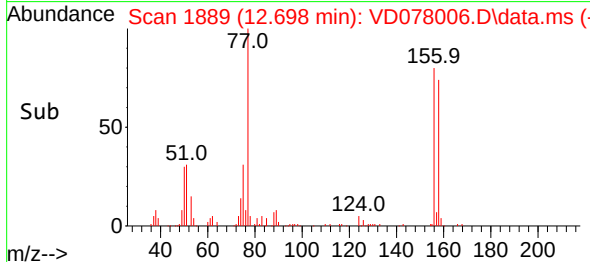
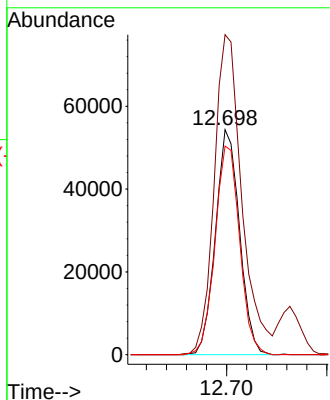
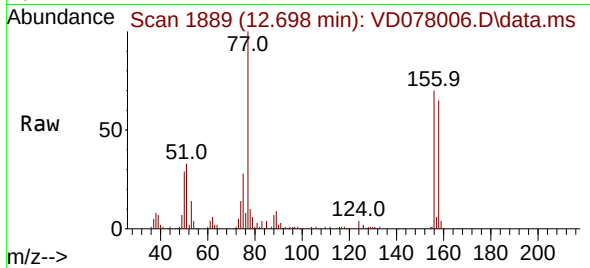
#77
Bromobenzene
Concen: 53.581 ug/l
RT: 12.698 min Scan# 1890
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 90283
Ion Ratio Lower Upper
156 100
77 163.8 76.8 230.4
158 94.9 48.6 145.9

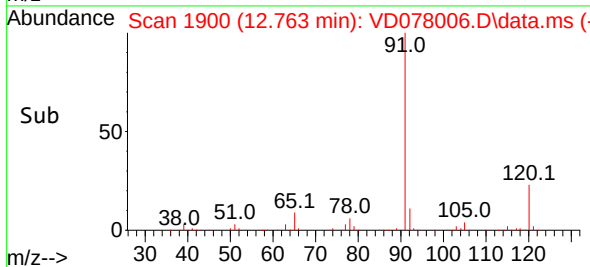
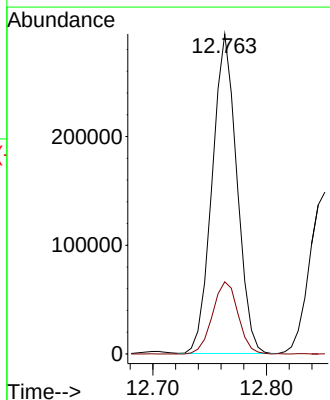
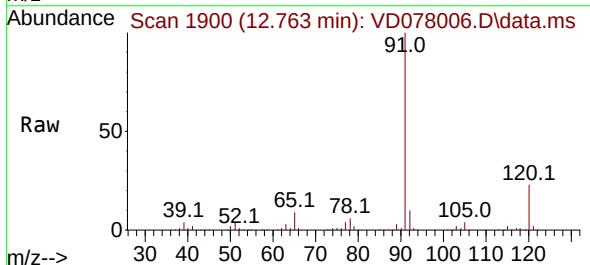
Manual Integrations
APPROVED

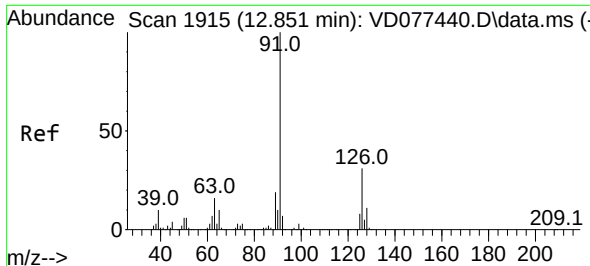
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#78
n-propylbenzene
Concen: 50.872 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 91 Resp: 444071
Ion Ratio Lower Upper
91 100
120 23.3 12.4 37.2





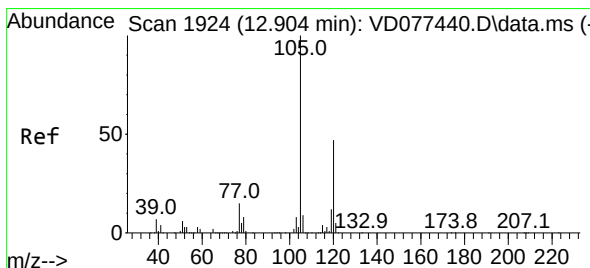
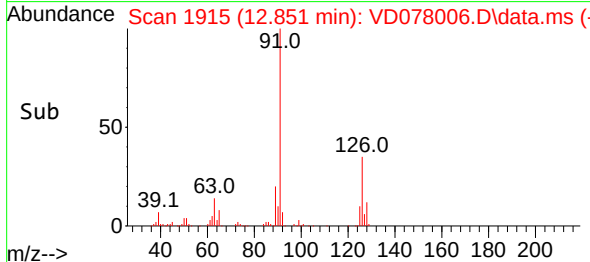
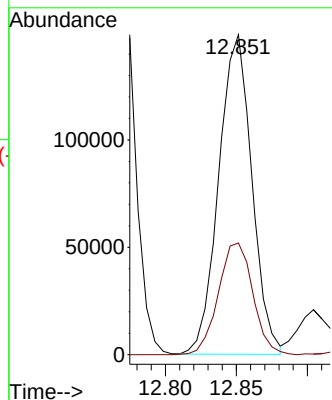
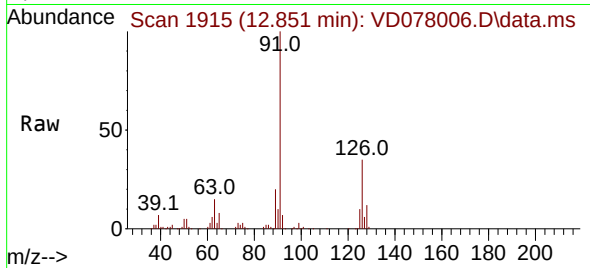
#79
2-Chlorotoluene
Concen: 51.579 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 241292
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1

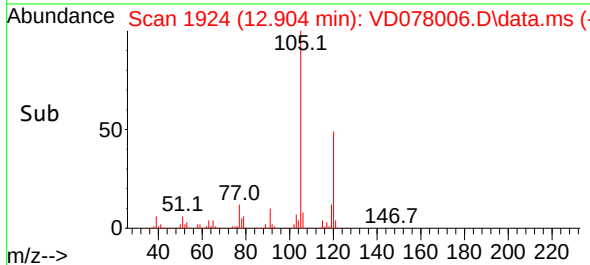
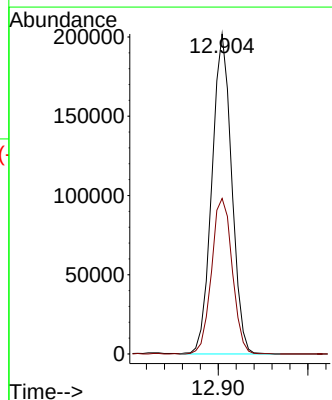
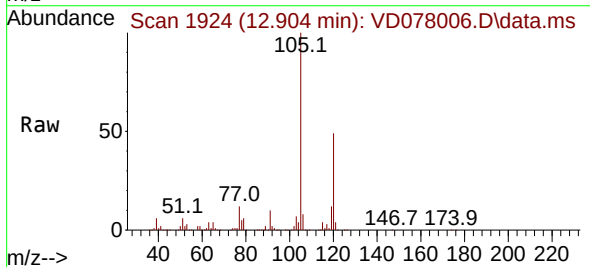
Manual Integrations
APPROVED

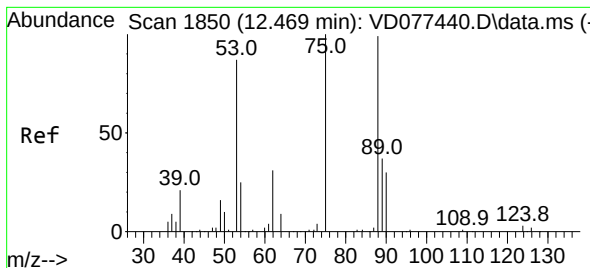
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.655 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion:105 Resp: 308625
Ion Ratio Lower Upper
105 100
120 50.8 26.4 79.2





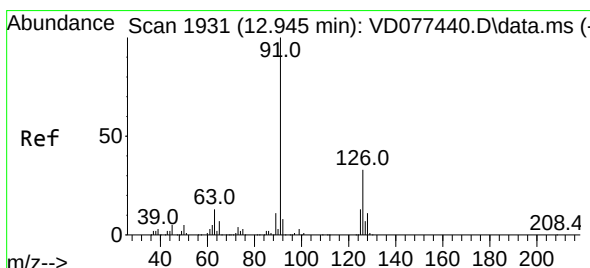
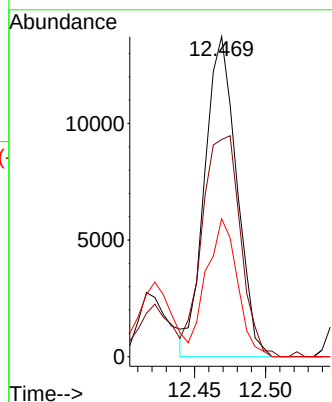
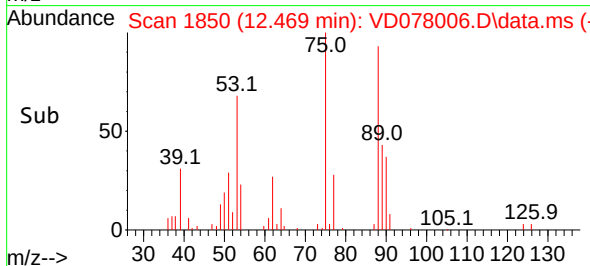
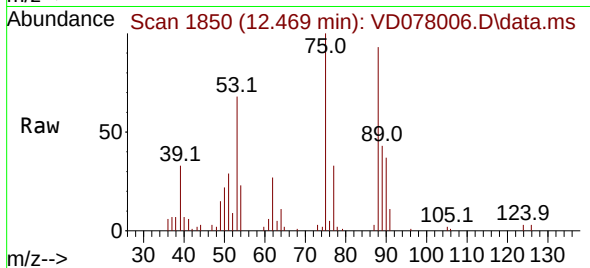
#81
trans-1,4-Dichloro-2-butene
Concen: 52.938 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 21449
Ion Ratio Lower Upper
75 100
53 82.5 63.0 94.4
89 41.6 37.9 56.9

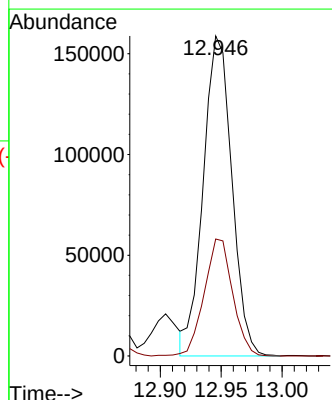
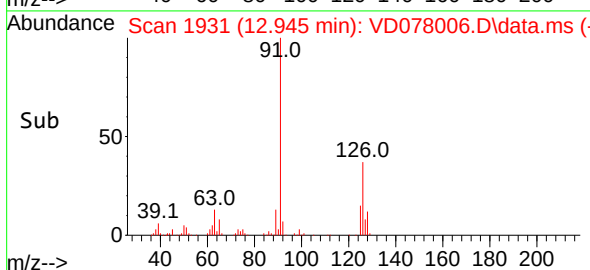
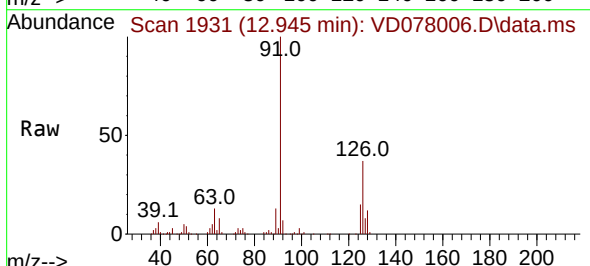
Manual Integrations
APPROVED

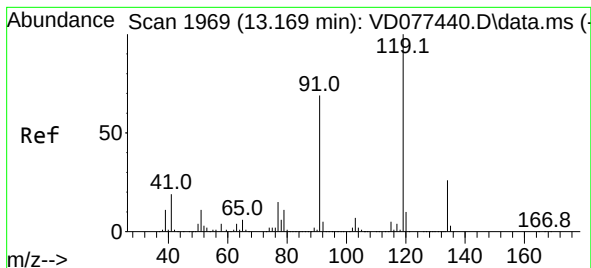
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#82
4-Chlorotoluene
Concen: 53.196 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Tgt Ion: 91 Resp: 260158
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.4





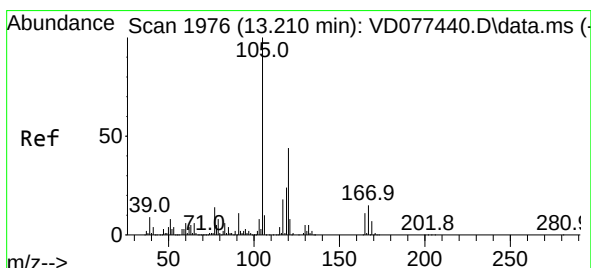
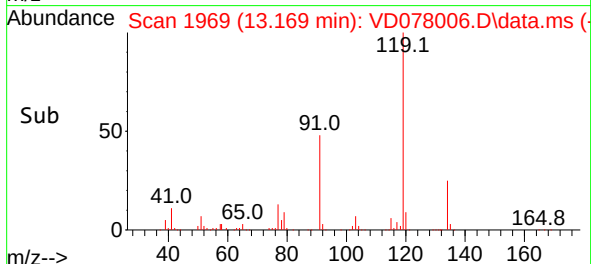
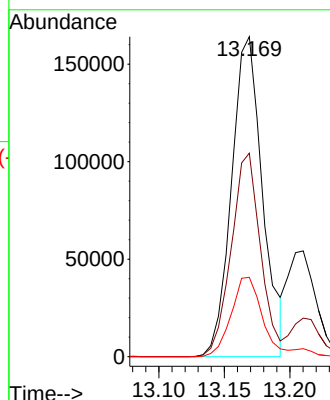
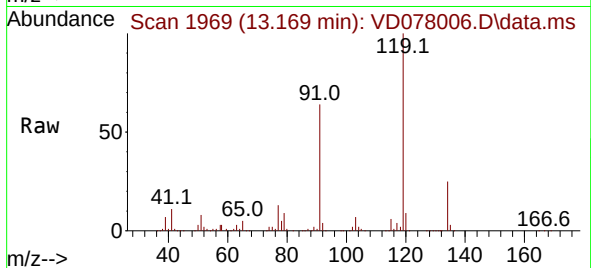
#83
tert-Butylbenzene
Concen: 53.378 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 269244
Ion Ratio Lower Upper
119 100
91 60.3 29.3 87.8
134 24.8 14.1 42.3

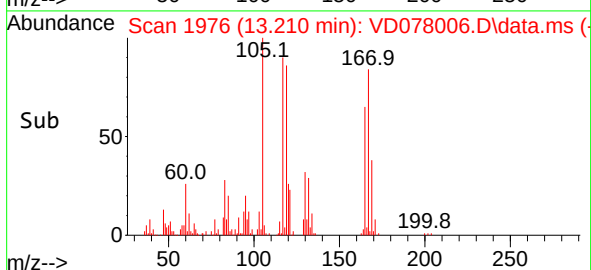
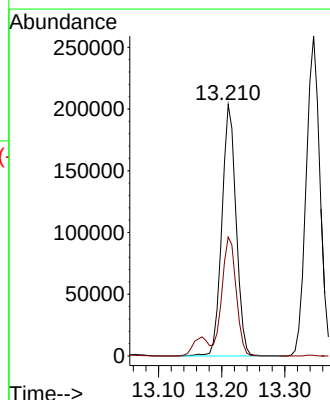
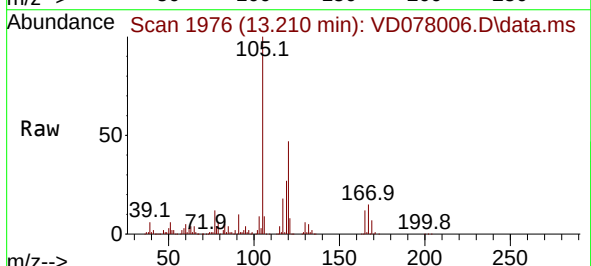
Manual Integrations
APPROVED

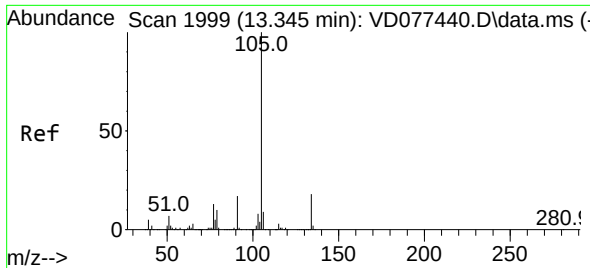
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#84
1,2,4-Trimethylbenzene
Concen: 53.106 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

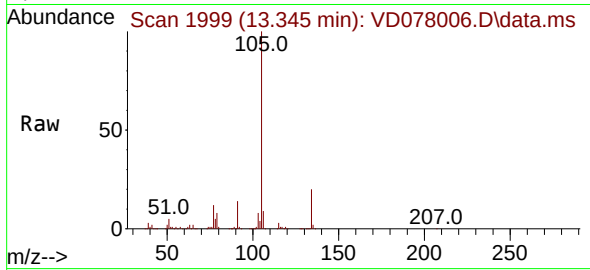
Tgt Ion:105 Resp: 317358
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 52.670 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

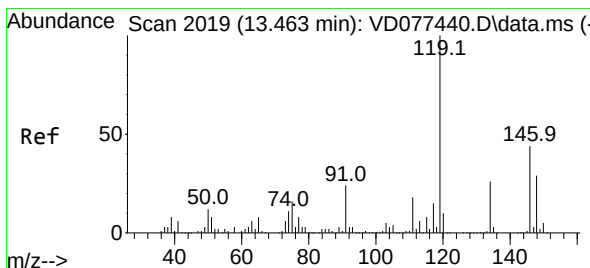
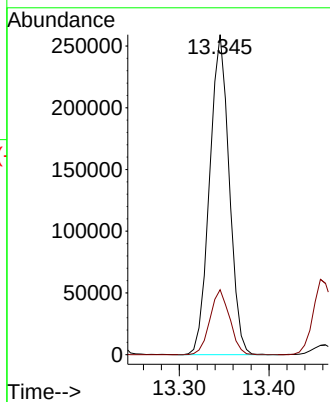
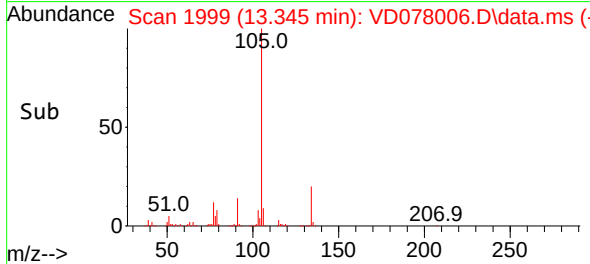
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



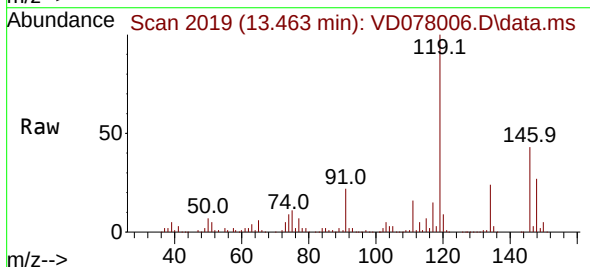
Tgt Ion:105 Resp: 392708
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9

Manual Integrations
 APPROVED

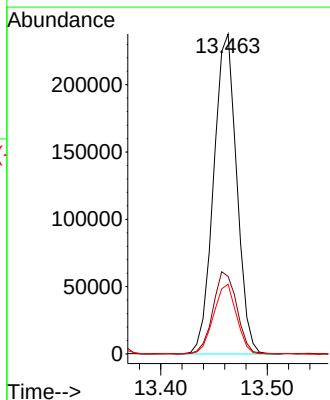
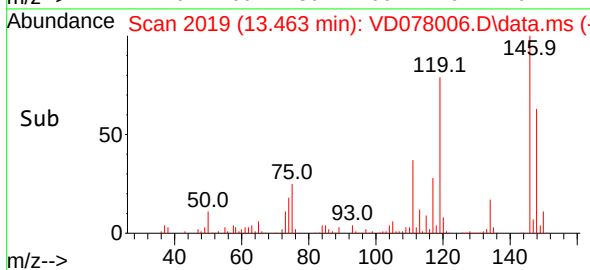
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

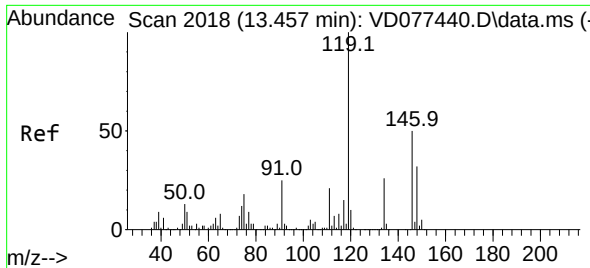


#86
 p-Isopropyltoluene
 Concen: 53.487 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50



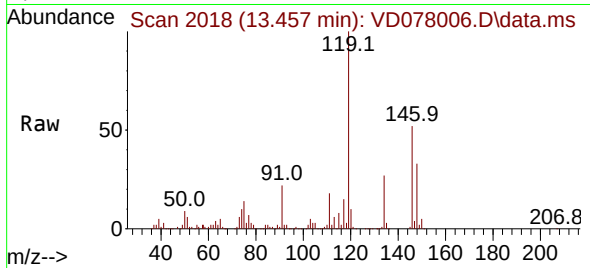
Tgt Ion:119 Resp: 357056
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.7 10.5 31.5





#87
 1,3-Dichlorobenzene
 Concen: 53.780 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50

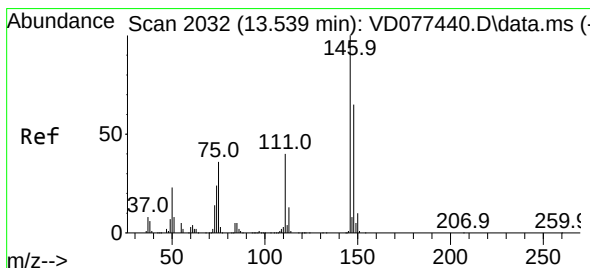
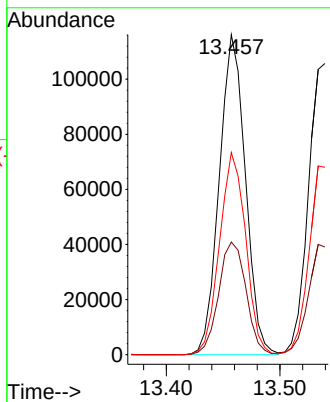
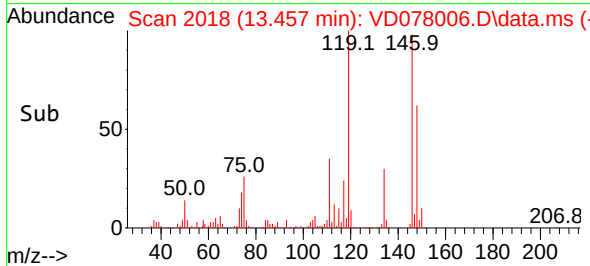
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



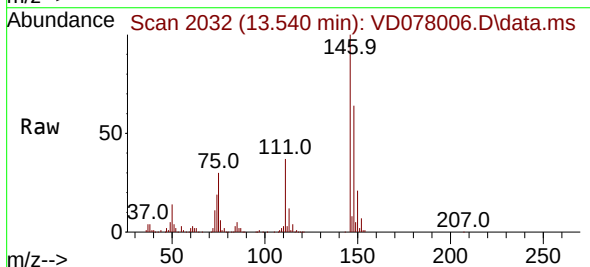
Tgt Ion:146 Resp: 185310
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.9 53.8
 148 63.4 32.3 96.8

Manual Integrations
 APPROVED

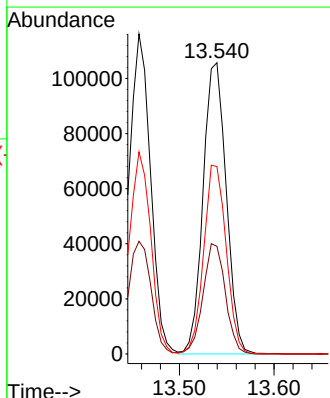
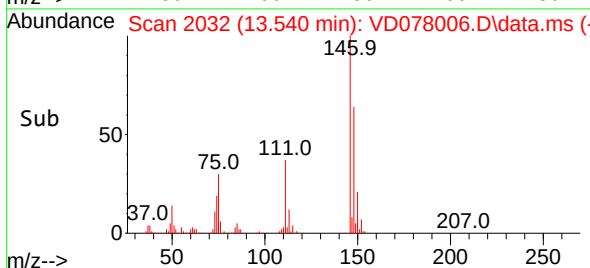
Reviewed By :Mahesh Dadoda 12/21/2023
 Supervised By :Semsettin Yesilyurt 12/21/2023

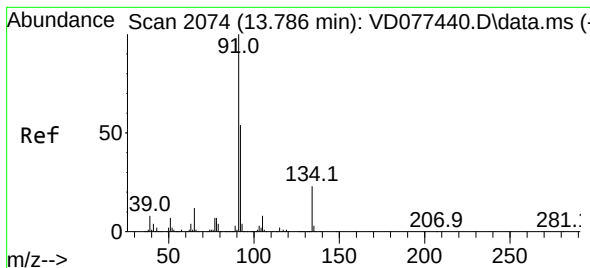


#88
 1,4-Dichlorobenzene
 Concen: 52.335 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.001 min
 Lab File: VD078006.D
 Acq: 20 Dec 2023 20:50



Tgt Ion:146 Resp: 179741
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.4 52.3
 148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 52.483 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

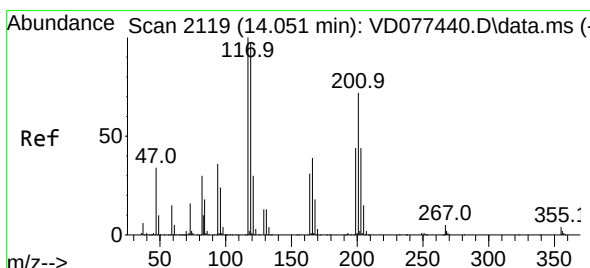
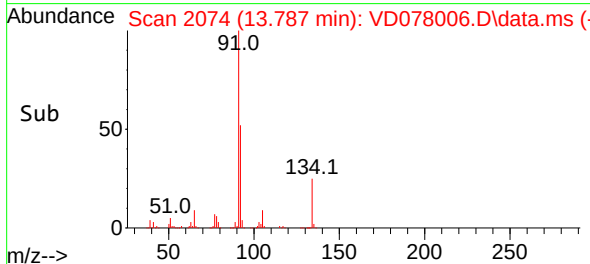
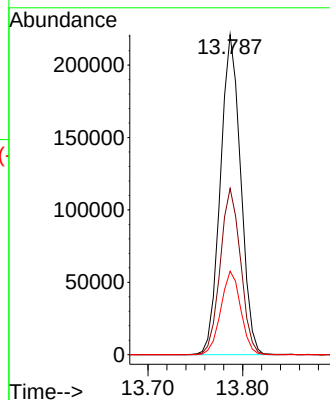
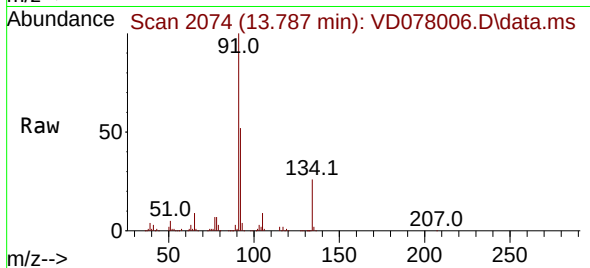
Tgt Ion: 91 Resp: 32966

Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.5	79.5
134	25.6	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#90

Hexachloroethane

Concen: 56.852 ug/l

RT: 14.051 min Scan# 2119

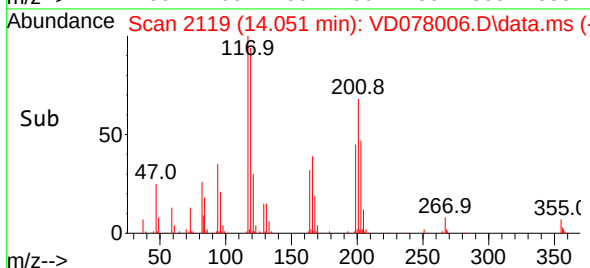
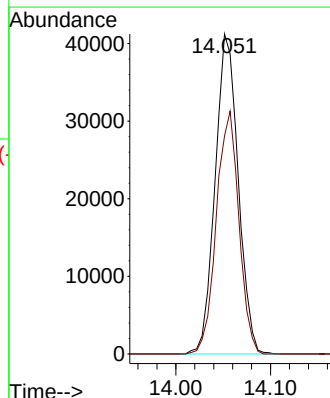
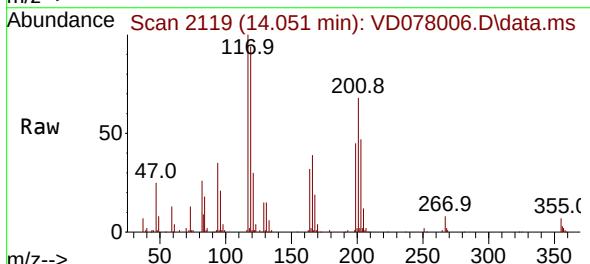
Delta R.T. 0.000 min

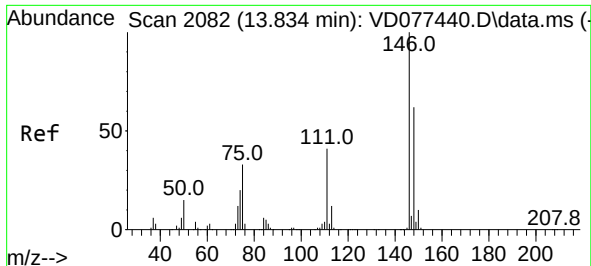
Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Tgt Ion:117 Resp: 69796

Ion	Ratio	Lower	Upper
117	100		
201	74.1	38.5	115.5





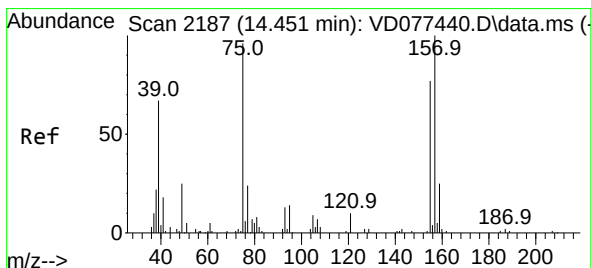
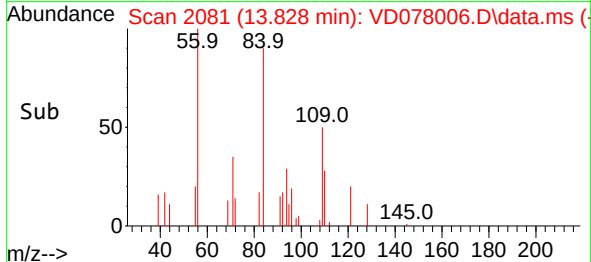
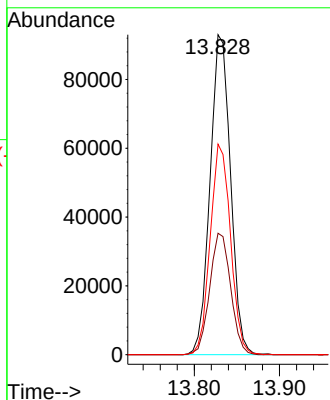
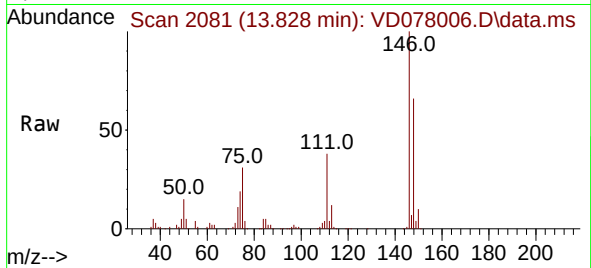
#91
1,2-Dichlorobenzene
Concen: 52.912 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 15506
Ion Ratio Lower Upper
146 100
111 38.9 18.3 54.8
148 65.5 31.6 94.7

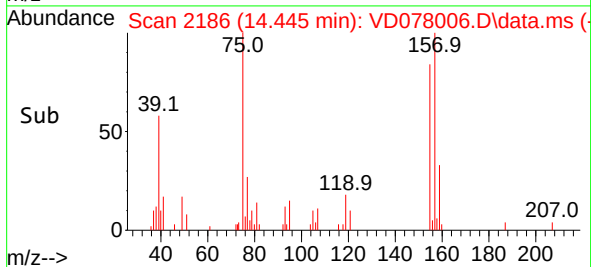
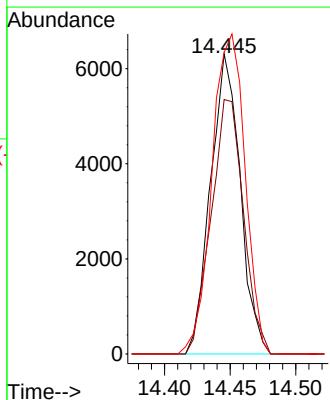
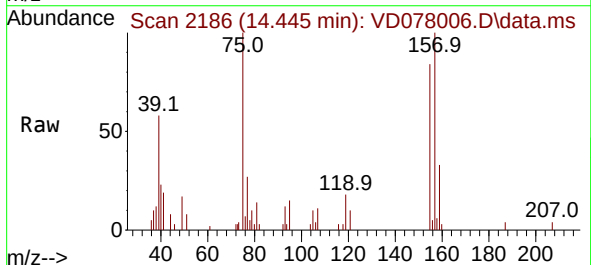
Manual Integrations
APPROVED

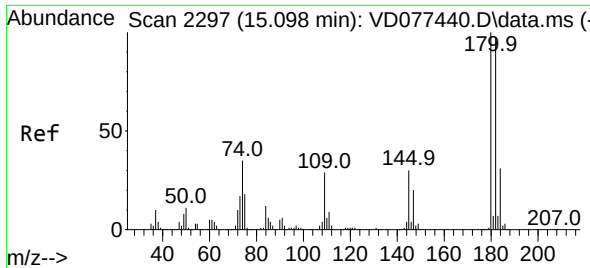
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.006 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

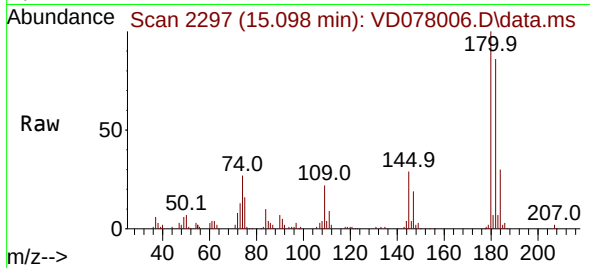
Tgt Ion: 75 Resp: 9935
Ion Ratio Lower Upper
75 100
155 92.0 47.9 143.8
157 118.7 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 49.563 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50

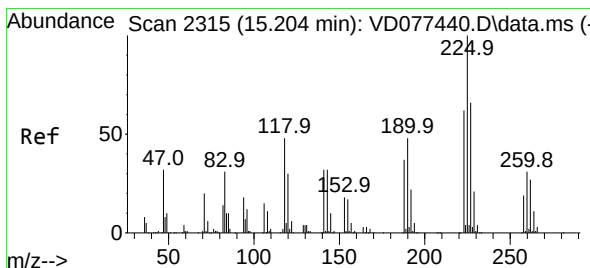
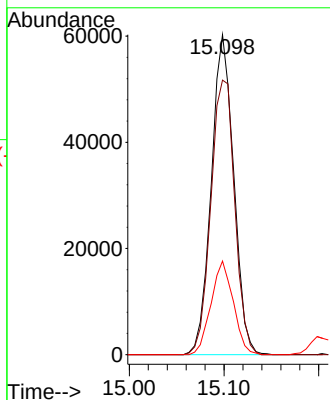
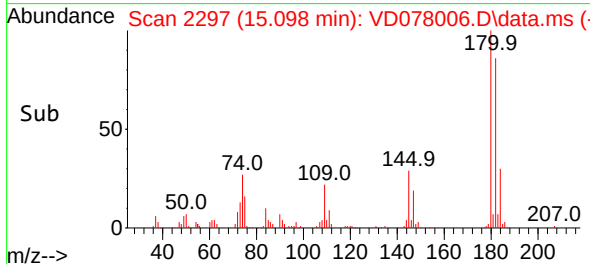
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



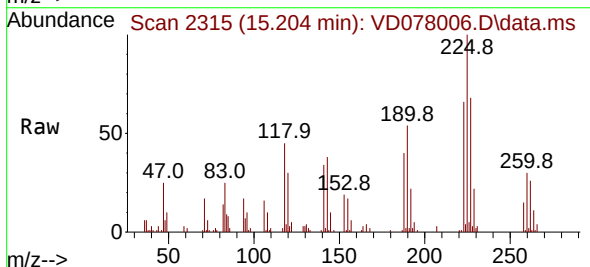
Tgt Ion:180 Resp: 9921
Ion Ratio Lower Upper
180 100
182 91.6 48.5 145.6
145 29.1 14.2 42.6

Manual Integrations
APPROVED

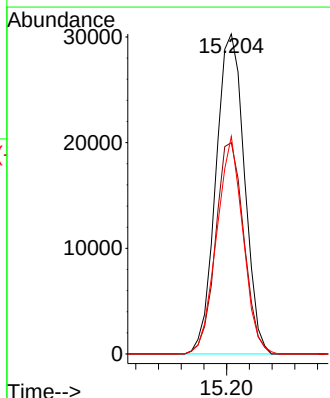
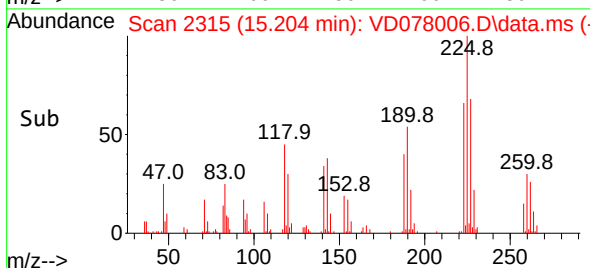
Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023

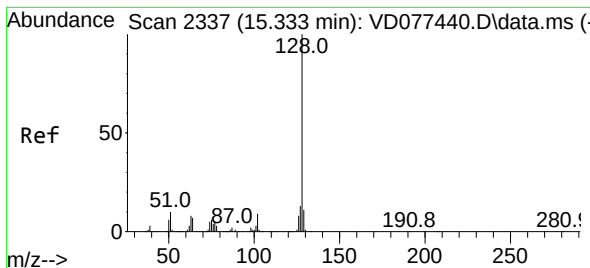


#94
Hexachlorobutadiene
Concen: 48.942 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078006.D
Acq: 20 Dec 2023 20:50



Tgt Ion:225 Resp: 52829
Ion Ratio Lower Upper
225 100
223 65.2 31.6 94.8
227 62.8 31.7 95.1





#95

Naphthalene

Concen: 54.989 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD078006.D

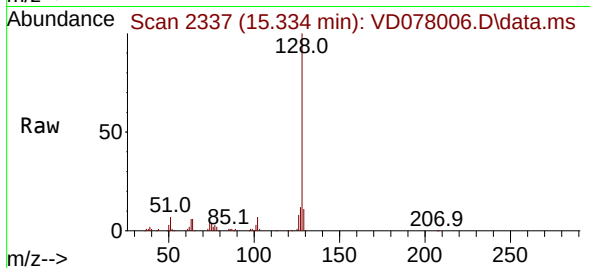
Acq: 20 Dec 2023 20:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



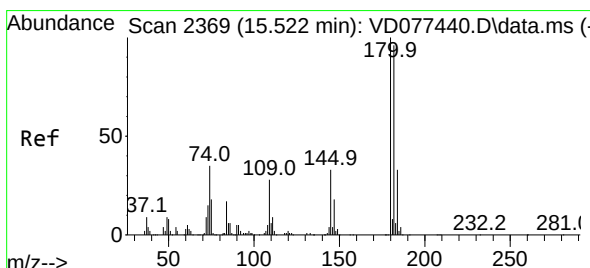
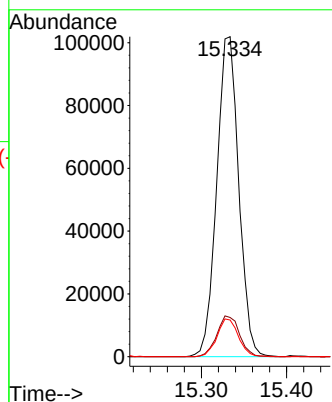
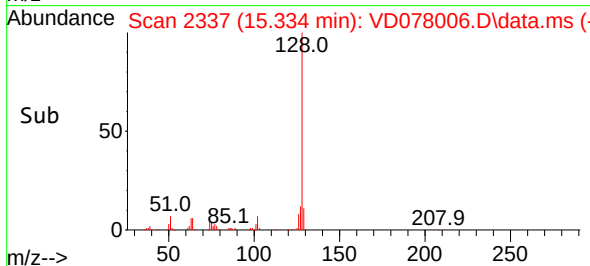
Tgt Ion:128 Resp: 182889

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	11.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/21/2023
Supervised By :Semsettin Yesilyurt 12/21/2023



#96

1,2,3-Trichlorobenzene

Concen: 51.483 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078006.D

Acq: 20 Dec 2023 20:50

Tgt Ion:180 Resp: 84961

Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	30.5	15.1	45.3

