

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077982.D
 Acq On : 19 Dec 2023 18:53
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

Quant Time: Dec 20 02:08:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	119013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	207370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	207763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73630	52.503	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.000%			
35) Dibromofluoromethane	7.810	113	82517	56.808	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.620%			
50) Toluene-d8	10.269	98	316730	54.443	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.880%			
62) 4-Bromofluorobenzene	12.575	95	109197	62.781	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 125.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65307	43.929	ug/l	97
3) Chloromethane	2.152	50	102488	50.576	ug/l	99
4) Vinyl Chloride	2.287	62	144902	52.673	ug/l	99
5) Bromomethane	2.699	94	114495	74.172	ug/l	99
6) Chloroethane	2.840	64	108978	58.105	ug/l	99
7) Trichlorofluoromethane	3.181	101	129684	51.185	ug/l	97
8) Diethyl Ether	3.599	74	40349	56.714	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.975	101	78827	54.384	ug/l	98
10) Methyl Iodide	4.164	142	88920	67.300	ug/l	91
11) Tert butyl alcohol	5.046	59	16939	250.861	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	76436	53.430	ug/l #	83
13) Acrolein	3.799	56	23316	157.171	ug/l	96
14) Allyl chloride	4.564	41	98877	50.254	ug/l	90
15) Acrylonitrile	5.263	53	84435	277.188	ug/l	97
16) Acetone	4.017	43	71830	235.118	ug/l #	85
17) Carbon Disulfide	4.281	76	216176	44.666	ug/l	98
18) Methyl Acetate	4.569	43	66712	60.402	ug/l	93
19) Methyl tert-butyl Ether	5.322	73	178200	58.711	ug/l	99
20) Methylene Chloride	4.811	84	98093	60.035	ug/l	90
21) trans-1,2-Dichloroethene	5.322	96	90299	55.728	ug/l	89
22) Diisopropyl ether	6.216	45	225262	54.787	ug/l	93
23) Vinyl Acetate	6.158	43	507606m	252.809	ug/l	
24) 1,1-Dichloroethane	6.116	63	158842	57.047	ug/l	95
25) 2-Butanone	7.087	43	97727	253.734	ug/l #	86
26) 2,2-Dichloropropane	7.081	77	122550	52.422	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	106708	61.202	ug/l	93
28) Bromochloromethane	7.428	49	57770	51.346	ug/l	80
29) Tetrahydrofuran	7.452	42	59070	264.510	ug/l	93
30) Chloroform	7.599	83	167195	59.998	ug/l	94
31) Cyclohexane	7.881	56	111177	44.570	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	137906	56.136	ug/l	99
36) 1,1-Dichloropropene	8.010	75	119155	51.284	ug/l	96
37) Ethyl Acetate	7.175	43	40721	44.948	ug/l	95
38) Carbon Tetrachloride	7.993	117	122287	52.794	ug/l	98
39) Methylcyclohexane	9.275	83	135926	49.348	ug/l	94
40) Benzene	8.252	78	363098	55.061	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23006	49.962	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	96644	56.538	ug/l	95
43) Isopropyl Acetate	8.357	43	79667	49.468	ug/l	96
44) Trichloroethene	9.028	130	96766	56.309	ug/l	99
45) 1,2-Dichloropropane	9.310	63	91816	57.275	ug/l	100
46) Dibromomethane	9.393	93	51644	60.886	ug/l	93
47) Bromodichloromethane	9.581	83	130155	60.539	ug/l	96
48) Methyl methacrylate	9.381	41	46636	50.942	ug/l #	83
49) 1,4-Dioxane	9.387	88	9342	1109.173	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	215061	261.658	ug/l	93
52) Toluene	10.334	92	240978	58.911	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	123611	59.873	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	147520	59.099	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	71756	61.847	ug/l	97
56) Ethyl methacrylate	10.599	69	60814	59.460	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	119172	59.589	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	136163	233.451	ug/l	99
59) 2-Hexanone	10.922	43	156470	229.462	ug/l	91
60) Dibromochloromethane	11.075	129	90439	64.743	ug/l	96
61) 1,2-Dibromoethane	11.181	107	70261	64.332	ug/l	97
64) Tetrachloroethene	10.810	164	80807	52.918	ug/l	96
65) Chlorobenzene	11.610	112	271064	55.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	98784	57.177	ug/l	97
67) Ethyl Benzene	11.687	91	483105	55.852	ug/l	96
68) m/p-Xylenes	11.793	106	373641	112.930	ug/l	92
69) o-Xylene	12.122	106	176079	57.745	ug/l	92
70) Styrene	12.134	104	270723	59.708	ug/l	95
71) Bromoform	12.298	173	53222	58.957	ug/l #	100
73) Isopropylbenzene	12.422	105	462396	52.892	ug/l	98
74) N-amyl acetate	12.234	43	76305	44.403	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	82226	53.943	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	57262m	57.159	ug/l	
77) Bromobenzene	12.698	156	111436	54.193	ug/l	95
78) n-propylbenzene	12.763	91	553925	51.998	ug/l	98
79) 2-Chlorotoluene	12.851	91	309767	54.260	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	392073	53.772	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	24915	50.389	ug/l	95
82) 4-Chlorotoluene	12.945	91	322554	54.045	ug/l	96
83) tert-Butylbenzene	13.169	119	341383	55.459	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	395523	54.235	ug/l	98
85) sec-Butylbenzene	13.345	105	491544	54.022	ug/l	97
86) p-Isopropyltoluene	13.463	119	446328	54.788	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	231825	55.129	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	223676	53.400	ug/l	98
89) n-Butylbenzene	13.787	91	408142	53.244	ug/l	99
90) Hexachloroethane	14.057	117	86435	57.693	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	196516	54.949	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12295	55.795	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	132947	54.423	ug/l	96
94) Hexachlorobutadiene	15.204	225	70455	53.485	ug/l	99
95) Naphthalene	15.334	128	247065	60.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	114282	56.746	ug/l	98

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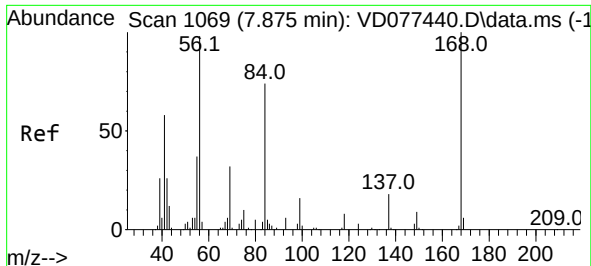
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

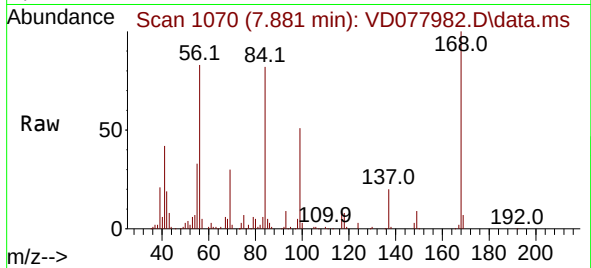
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

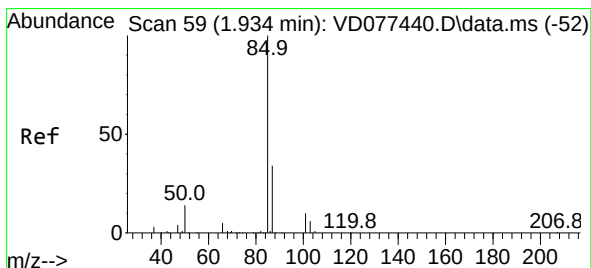
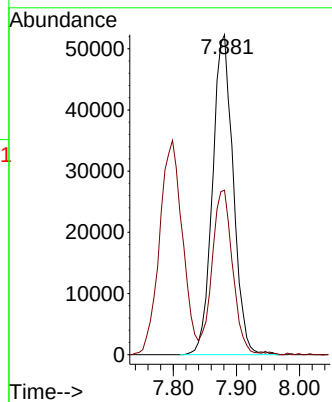
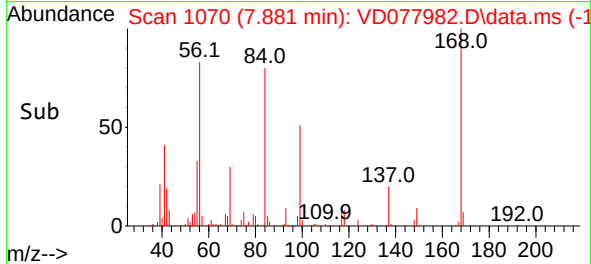
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



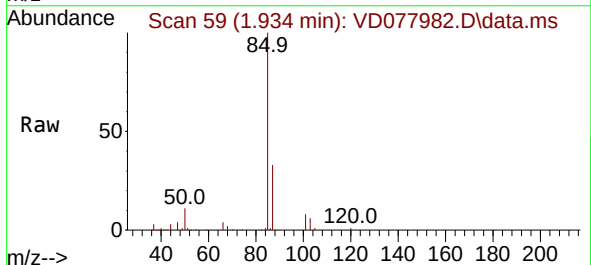
Tgt Ion:168 Resp: 11901
Ion Ratio Lower Upper
168 100
99 51.4 36.7 55.1

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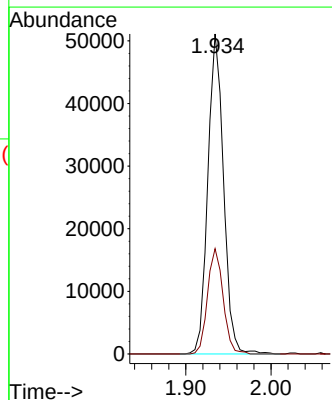
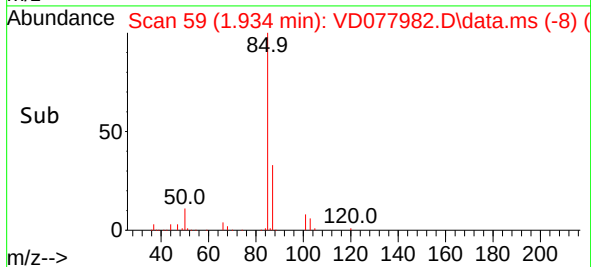
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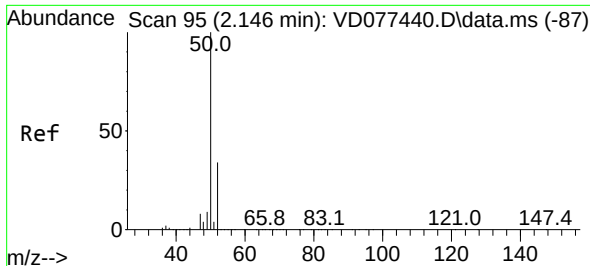


#2
Dichlorodifluoromethane
Concen: 43.929 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



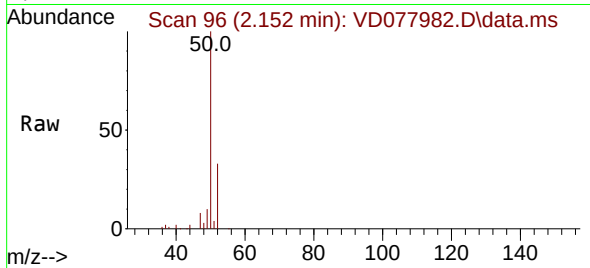
Tgt Ion: 85 Resp: 65307
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0





#3
Chloromethane
Concen: 50.576 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

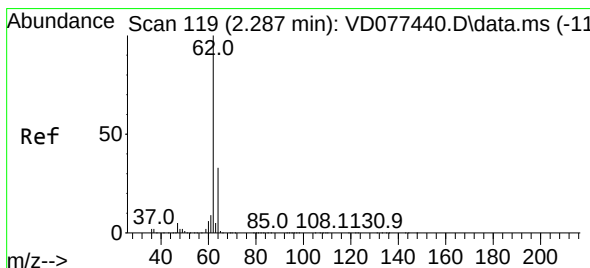
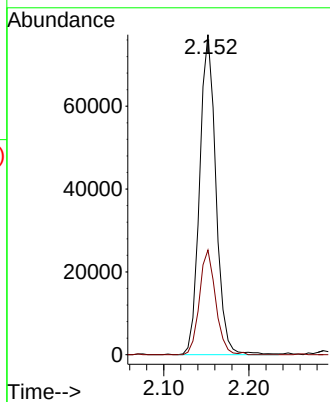
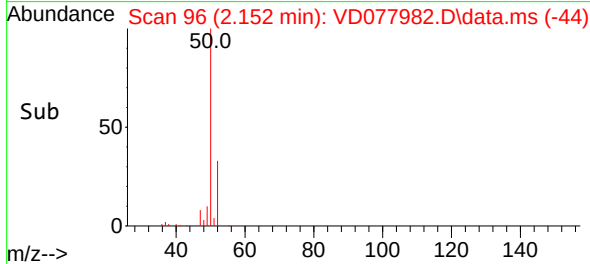
Instrument :
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Tgt Ion: 50 Resp: 102488
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0

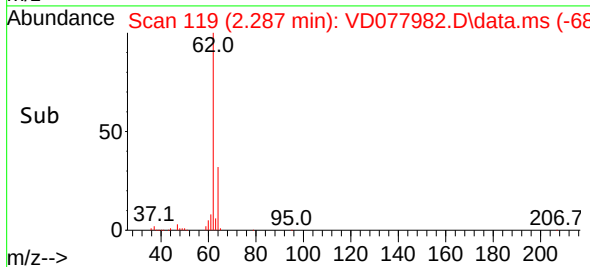
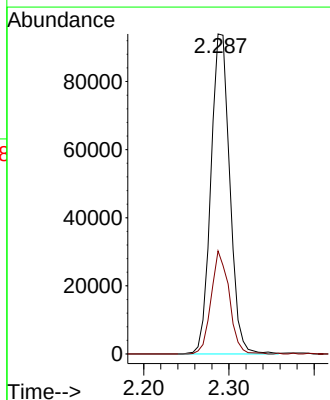
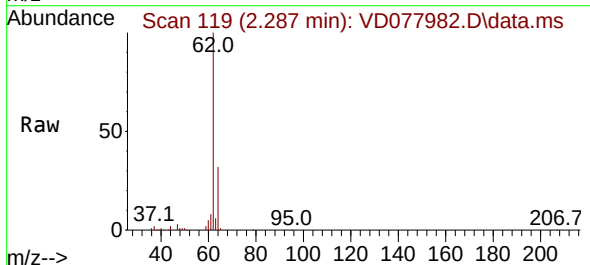
Manual Integrations
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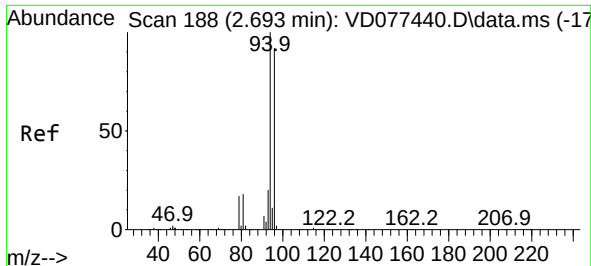
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#4
Vinyl Chloride
Concen: 52.673 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

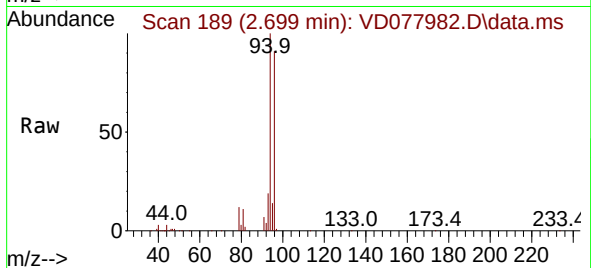
Tgt Ion: 62 Resp: 144902
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0





#5
Bromomethane
Concen: 74.172 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

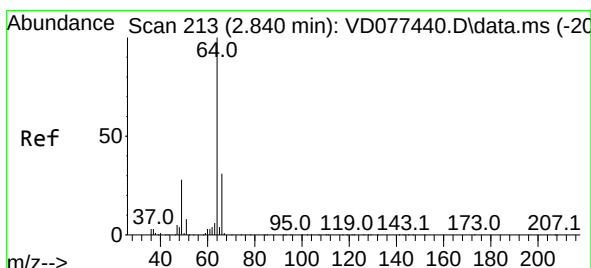
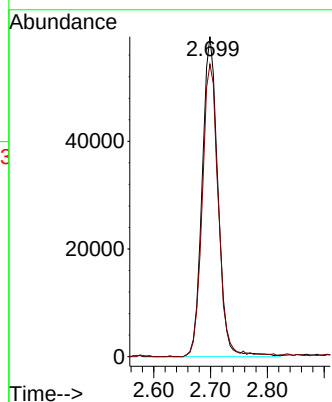
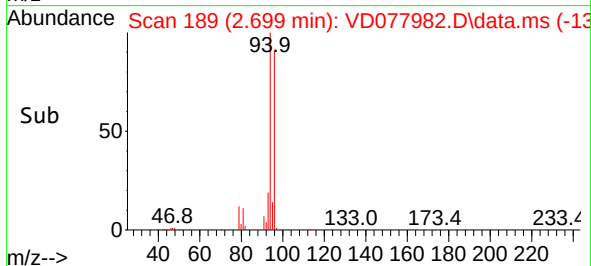
Instrument :
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Tgt Ion: 94 Resp: 11449
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.8

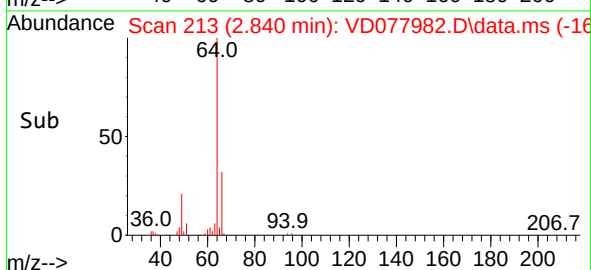
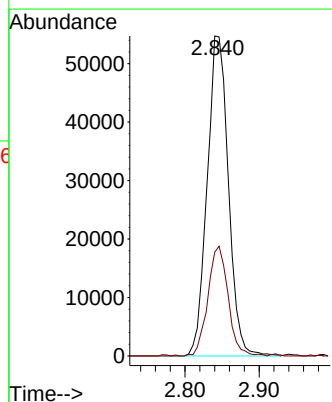
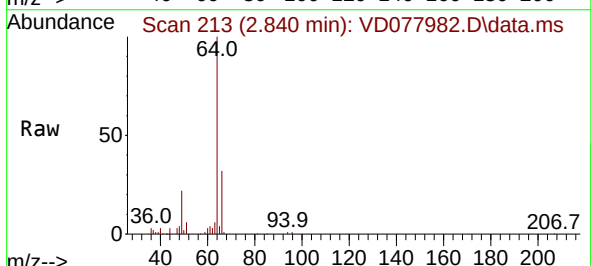
Manual Integrations
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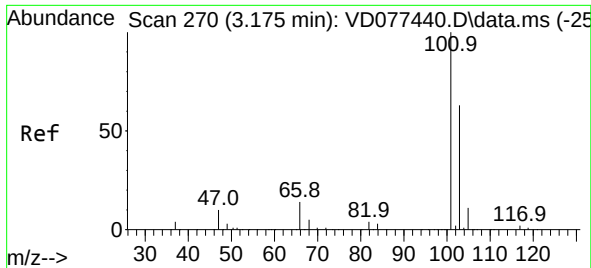
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#6
Chloroethane
Concen: 58.105 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

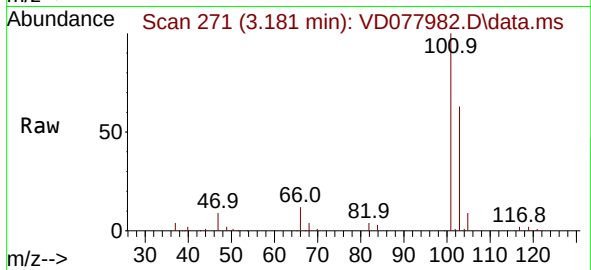
Tgt Ion: 64 Resp: 108978
Ion Ratio Lower Upper
64 100
66 32.4 25.5 38.3





#7
Trichlorofluoromethane
Concen: 51.185 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

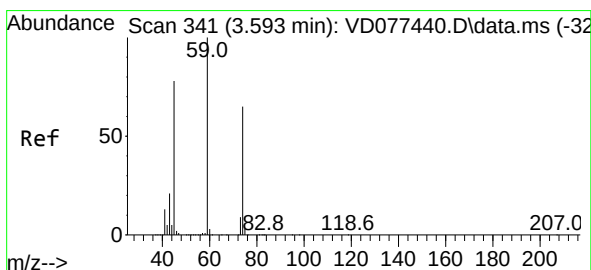
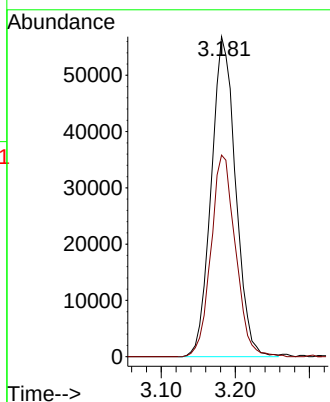
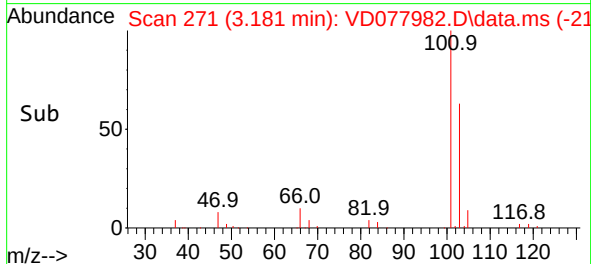
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 129684
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5

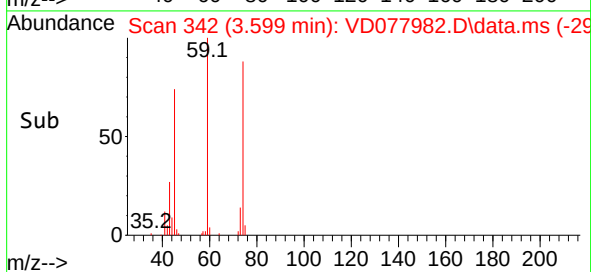
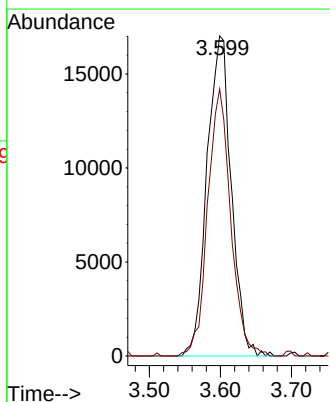
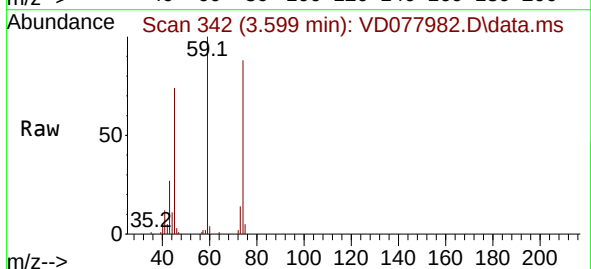
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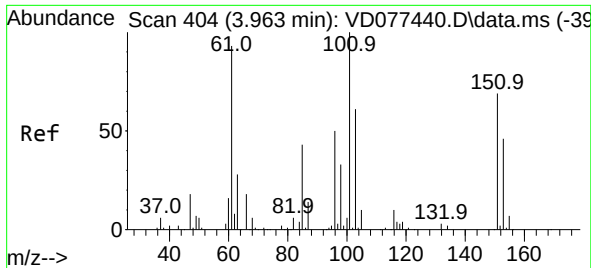
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#8
Diethyl Ether
Concen: 56.714 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077982.D
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Tgt Ion: 74 Resp: 40349
Ion Ratio Lower Upper
74 100
45 79.2 37.5 112.7





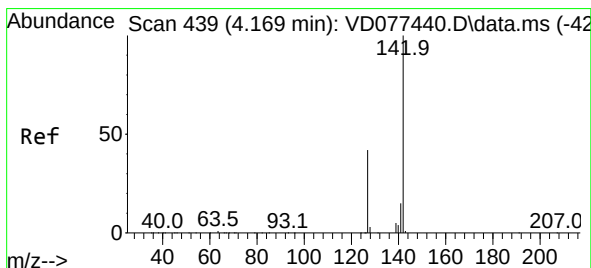
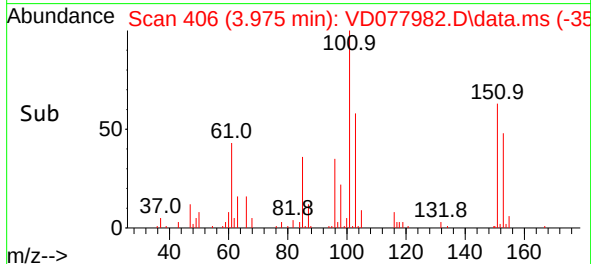
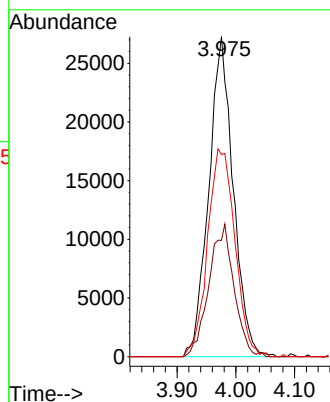
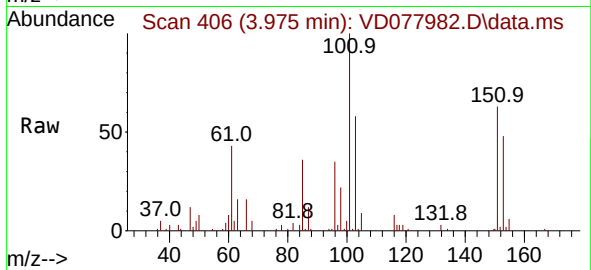
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.384 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 7882
Ion Ratio Lower Upper
101 100
85 42.4 33.8 50.6
151 72.6 59.8 89.6

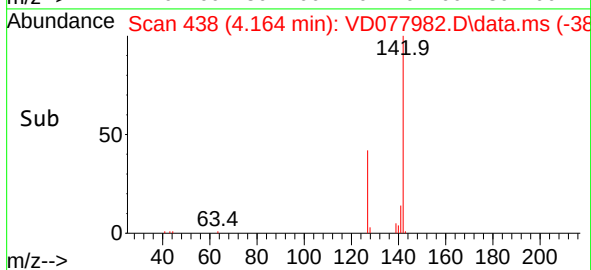
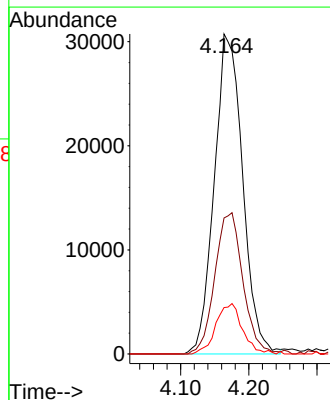
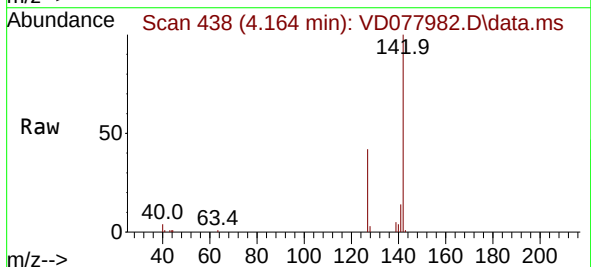
Manual Integrations
APPROVED

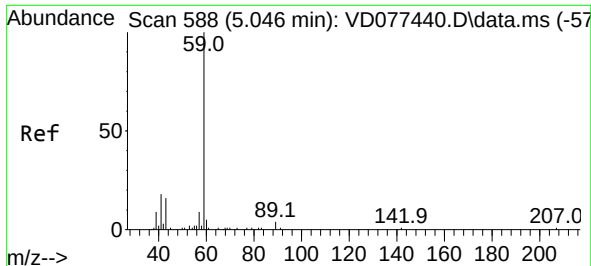
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#10
Methyl Iodide
Concen: 67.300 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

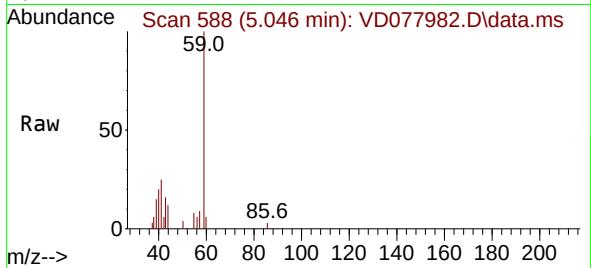
Tgt Ion:142 Resp: 88920
Ion Ratio Lower Upper
142 100
127 43.7 29.4 44.0
141 14.7 11.1 16.7





#11
Tert butyl alcohol
Concen: 250.861 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

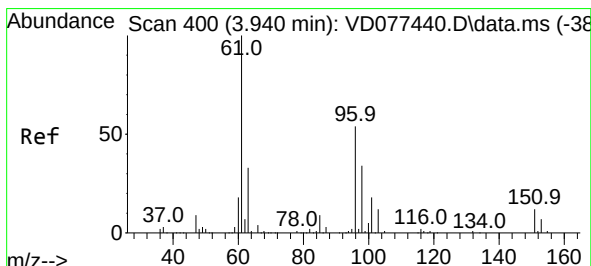
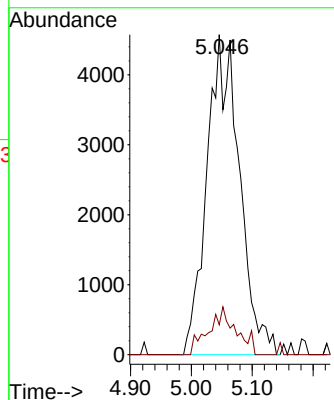
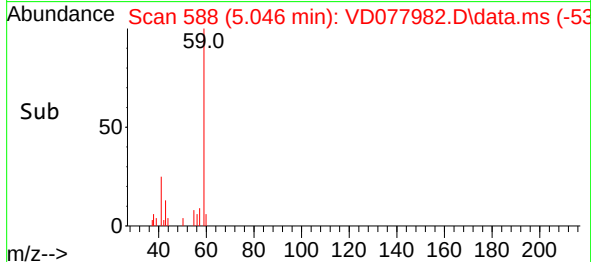
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



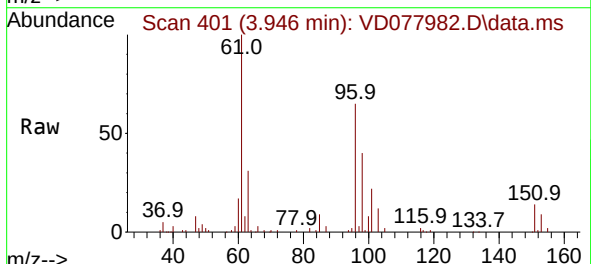
Tgt Ion: 59 Resp: 16939
Ion Ratio Lower Upper
59 100
57 12.4 7.8 11.8

Manual Integrations
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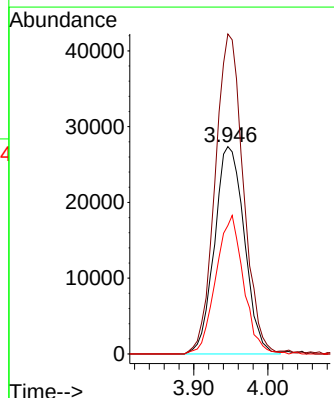
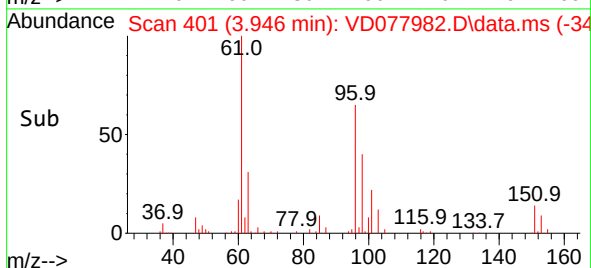
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

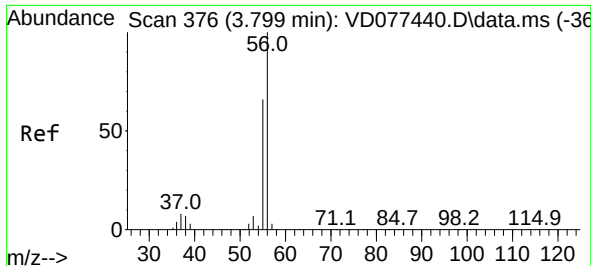


#12
1,1-Dichloroethene
Concen: 53.430 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



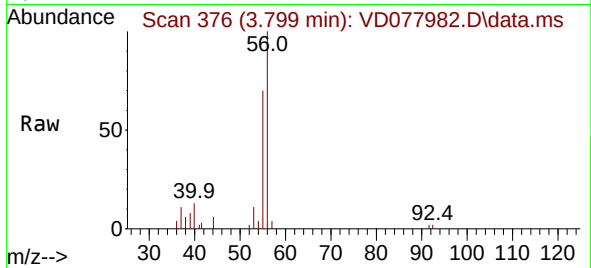
Tgt Ion: 96 Resp: 76436
Ion Ratio Lower Upper
96 100
61 154.3 100.6 150.8#
98 61.9 50.2 75.2





#13
Acrolein
Concen: 157.171 ug/l
RT: 3.799 min Scan# 376
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

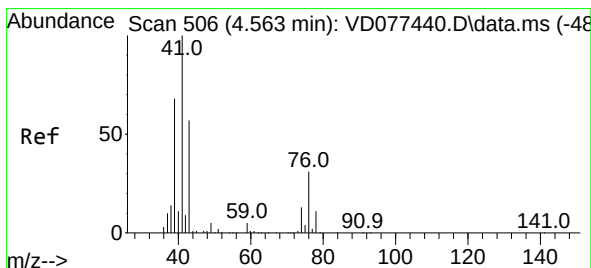
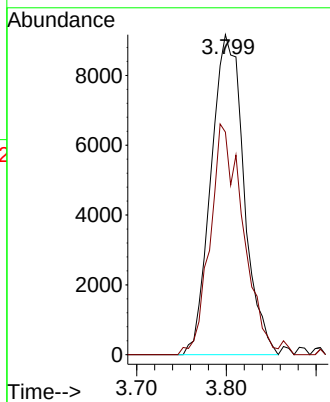
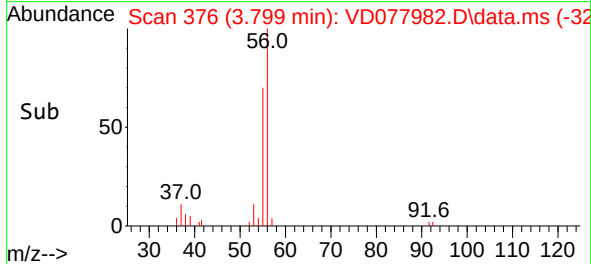
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 23310
Ion Ratio Lower Upper
56 100
55 72.2 55.1 82.7

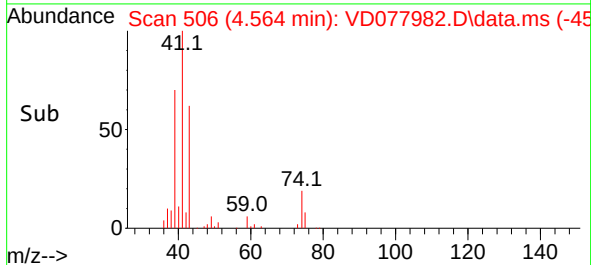
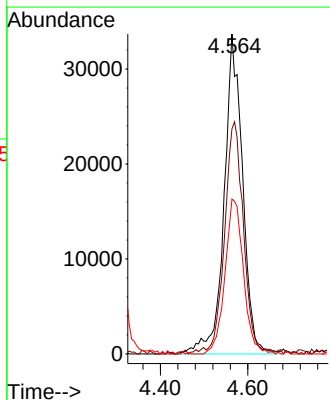
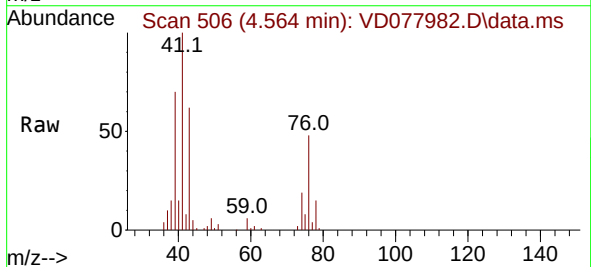
Manual Integrations
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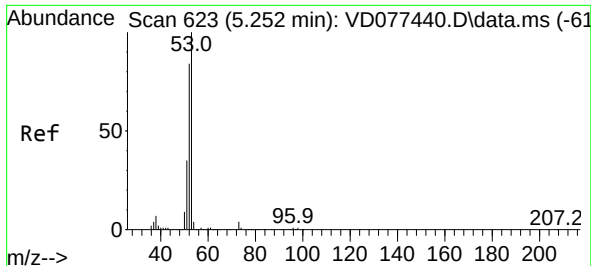
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#14
Allyl chloride
Concen: 50.254 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 41 Resp: 98877
Ion Ratio Lower Upper
41 100
39 74.6 53.8 80.6
76 48.6 45.8 68.8





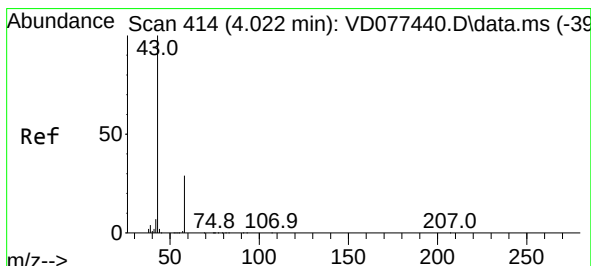
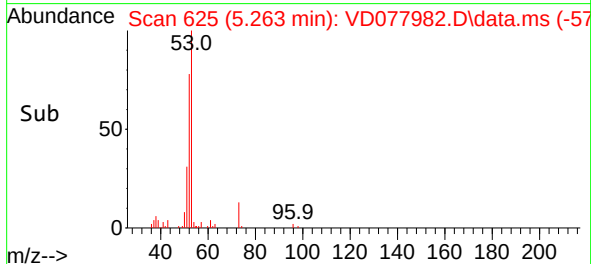
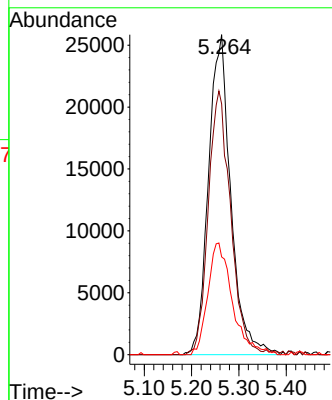
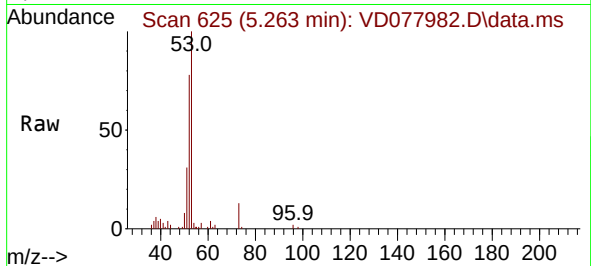
#15
Acrylonitrile
Concen: 277.188 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 8443
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.4
51 38.5 28.3 42.5

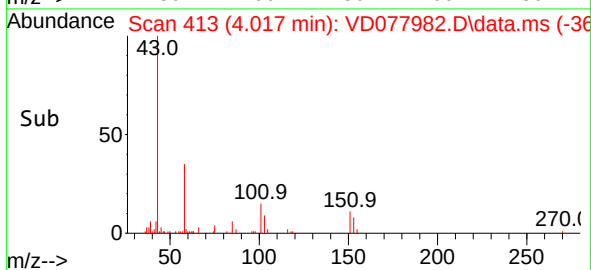
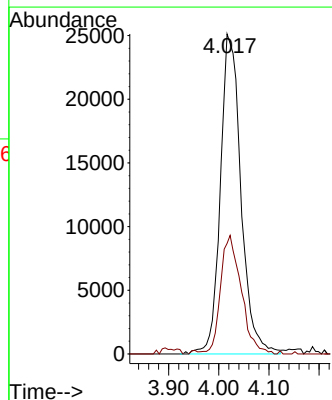
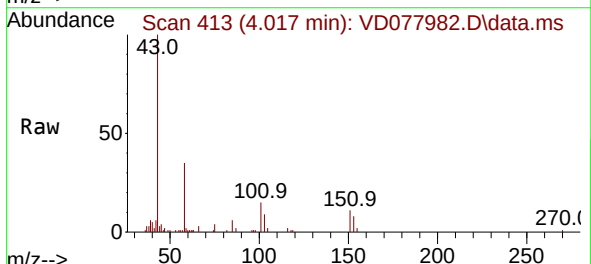
Manual Integrations
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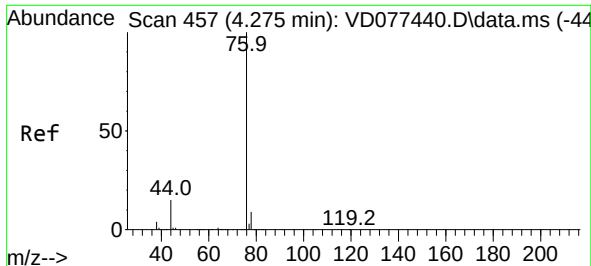
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#16
Acetone
Concen: 235.118 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Tgt Ion: 43 Resp: 71830
Ion Ratio Lower Upper
43 100
58 33.6 34.7 52.1#





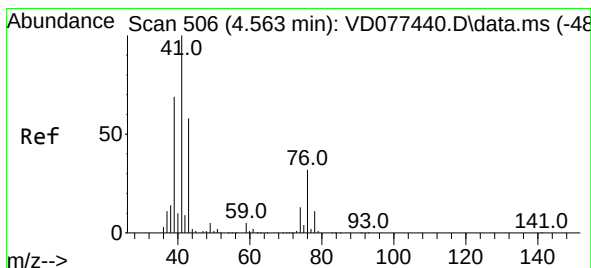
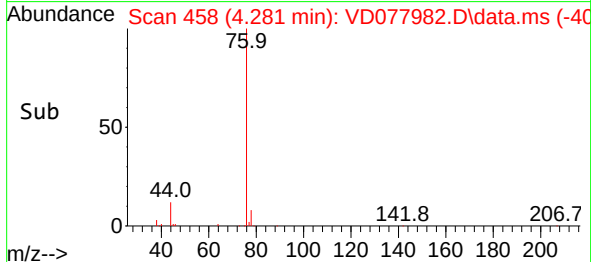
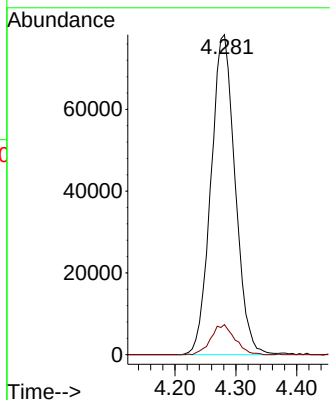
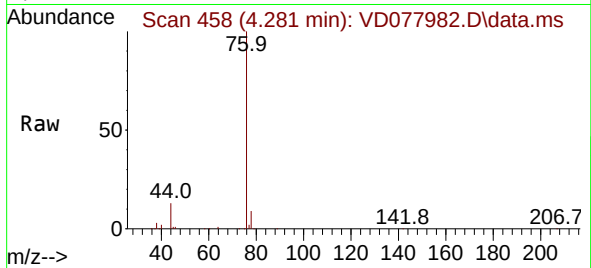
#17
Carbon Disulfide
Concen: 44.666 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 216170
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

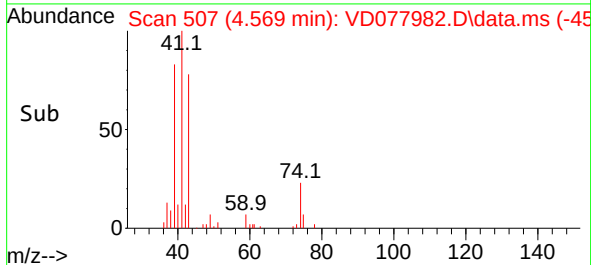
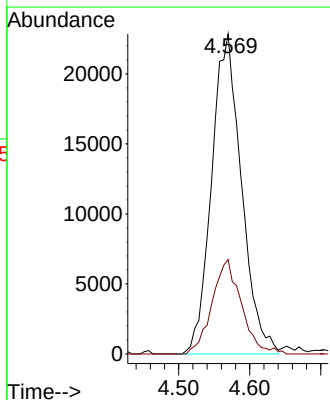
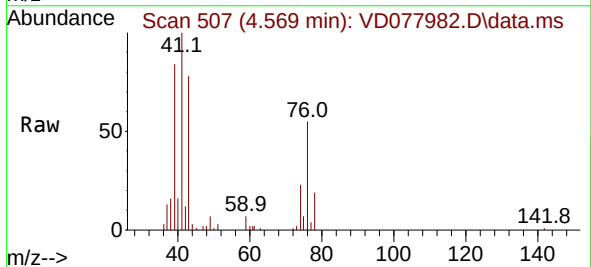
Manual Integrations
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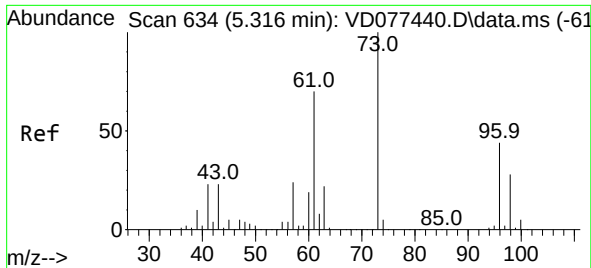
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#18
Methyl Acetate
Concen: 60.402 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

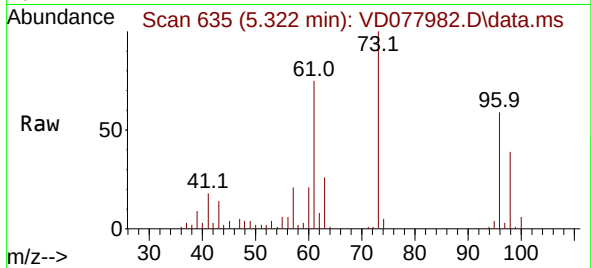
Tgt Ion: 43 Resp: 66712
Ion Ratio Lower Upper
43 100
74 29.0 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 58.711 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

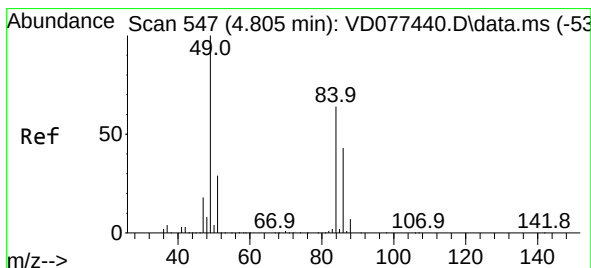
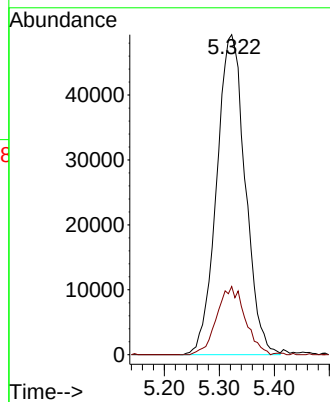
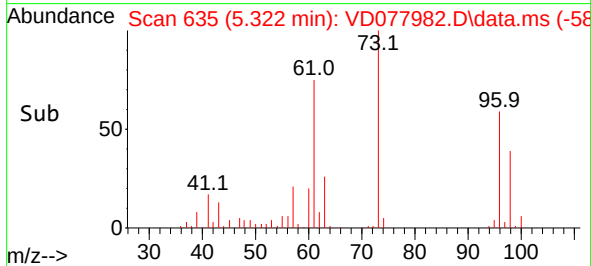
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 178200
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0

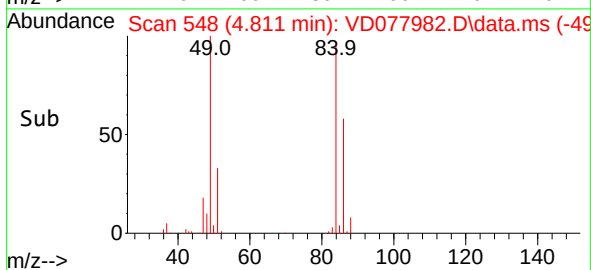
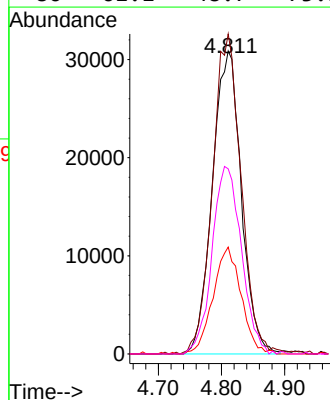
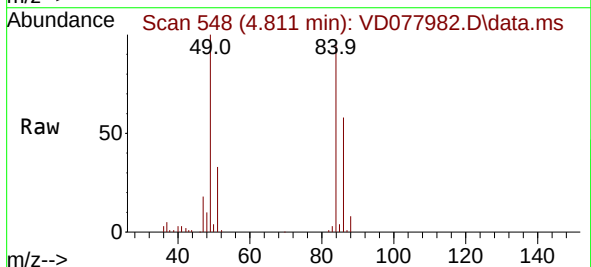
Manual Integrations
APPROVED

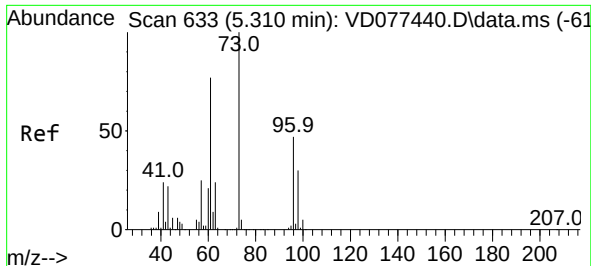
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#20
Methylene Chloride
Concen: 60.035 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

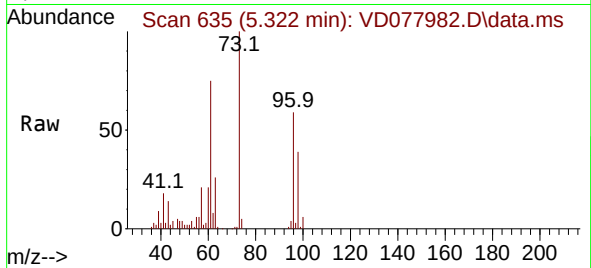
Tgt Ion: 84 Resp: 98093
Ion Ratio Lower Upper
84 100
49 105.6 71.4 107.2
51 35.3 24.5 36.7
86 61.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 55.728 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

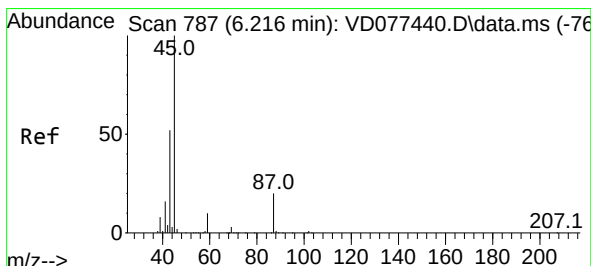
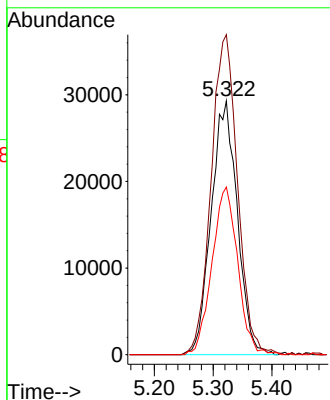
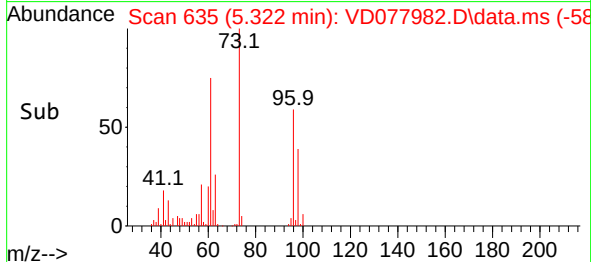
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 90299
Ion Ratio Lower Upper
96 100
61 126.1 89.3 133.9
98 66.1 48.6 73.0

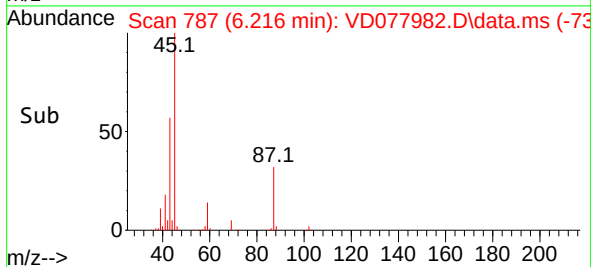
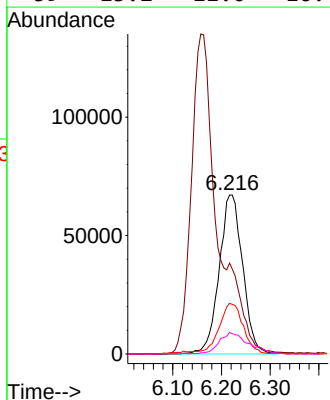
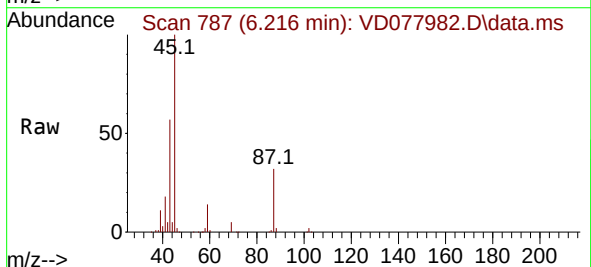
Manual Integrations
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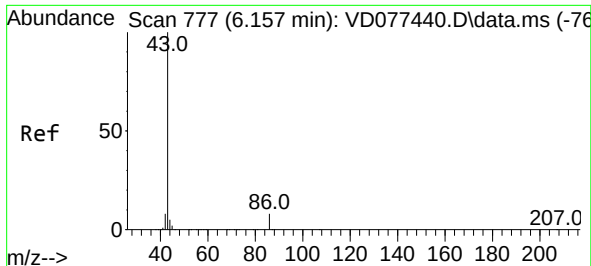
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#22
Diisopropyl ether
Concen: 54.787 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

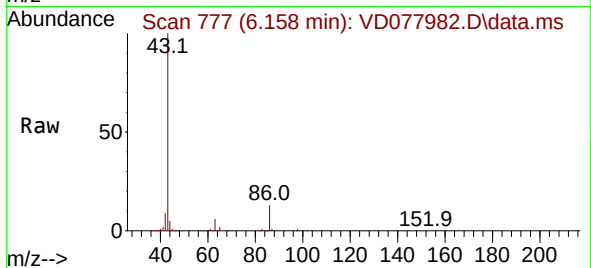
Tgt Ion: 45 Resp: 225262
Ion Ratio Lower Upper
45 100
43 56.1 40.0 60.0
87 31.4 28.2 42.4
59 13.2 11.0 16.4





#23
 Vinyl Acetate
 Concen: 252.809 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077982.D
 Acq: 19 Dec 2023 18:53

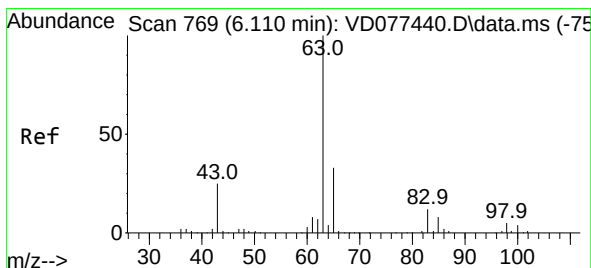
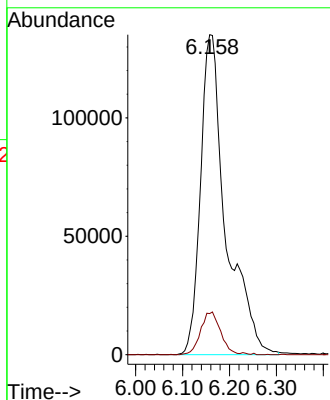
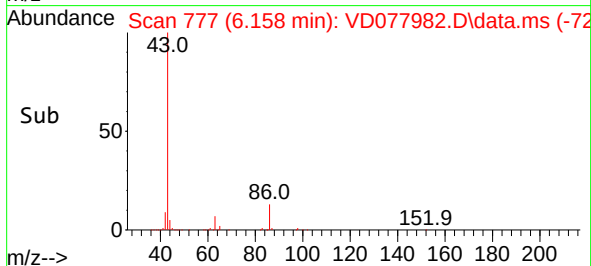
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 507600
 Ion Ratio Lower Upper
 43 100
 86 12.9 12.5 18.7

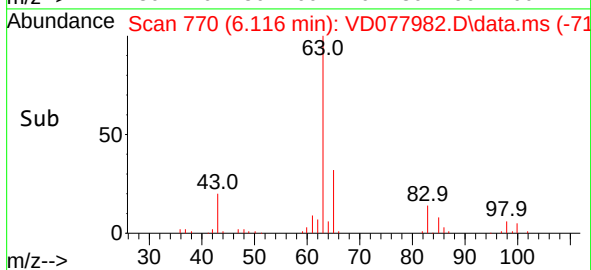
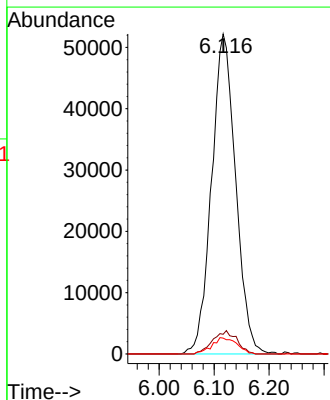
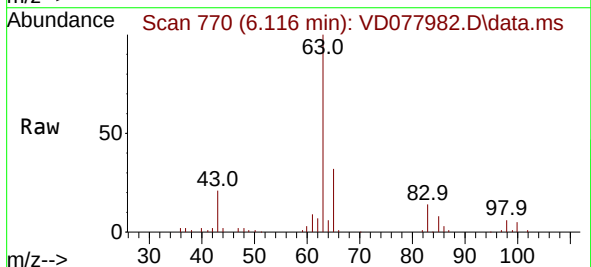
Manual Integrations
 APPROVED

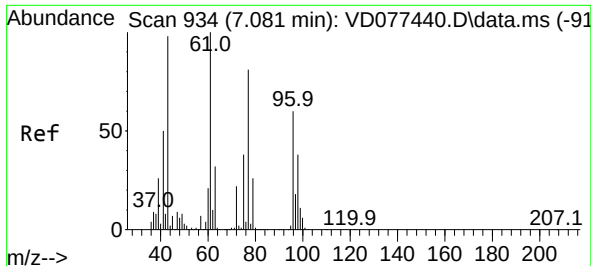
Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023



#24
 1,1-Dichloroethane
 Concen: 57.047 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077982.D
 Acq: 19 Dec 2023 18:53

Tgt Ion: 63 Resp: 158842
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.5 13.7
 100 5.0 2.5 7.5





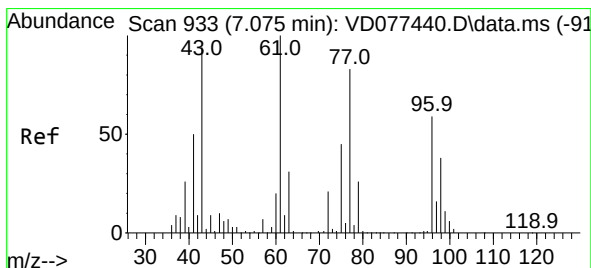
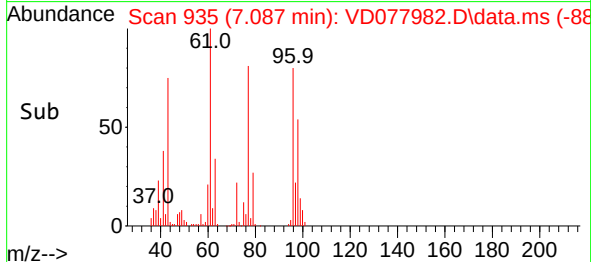
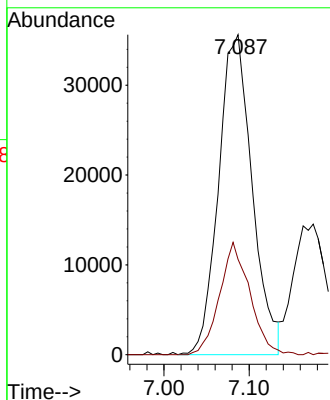
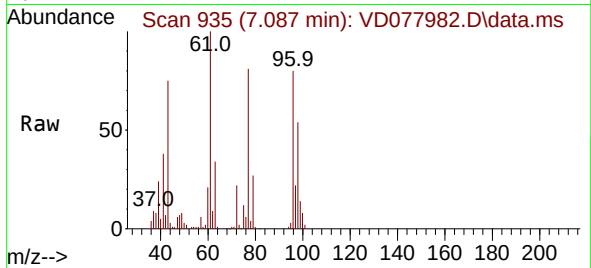
#25
2-Butanone
Concen: 253.734 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 9772
Ion Ratio Lower Upper
43 100
72 29.8 30.7 46.1

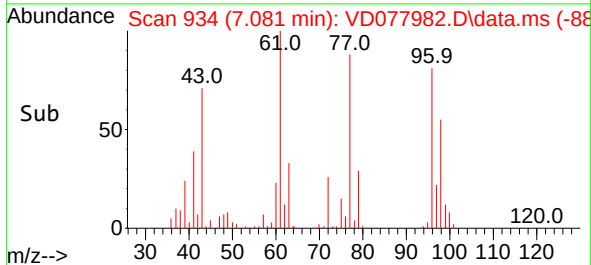
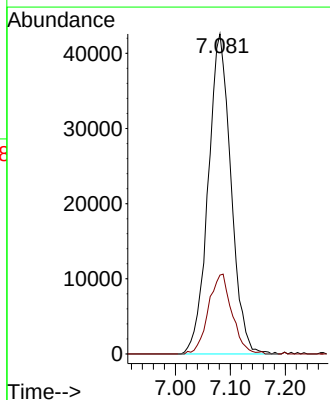
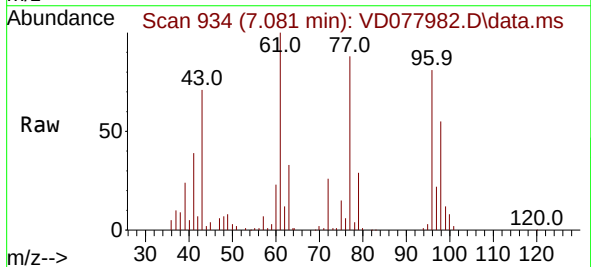
Manual Integrations
APPROVED

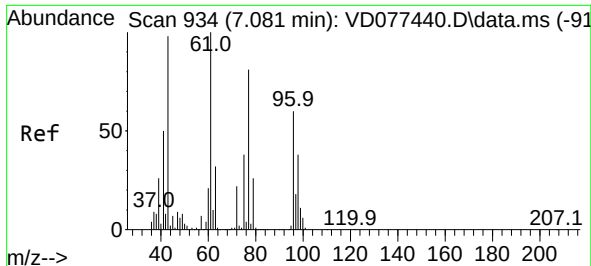
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#26
2,2-Dichloropropane
Concen: 52.422 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

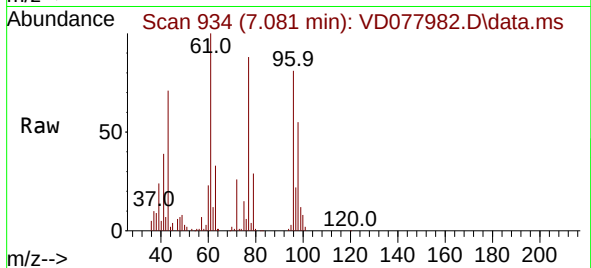
Tgt Ion: 77 Resp: 122550
Ion Ratio Lower Upper
77 100
97 25.8 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 61.202 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077982.D
 Acq: 19 Dec 2023 18:53

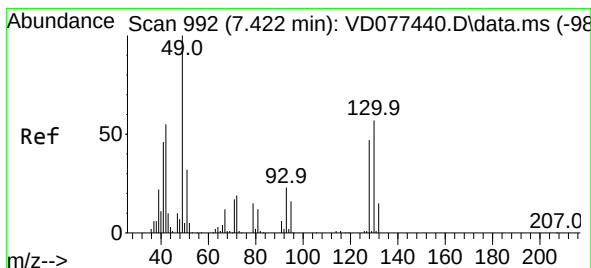
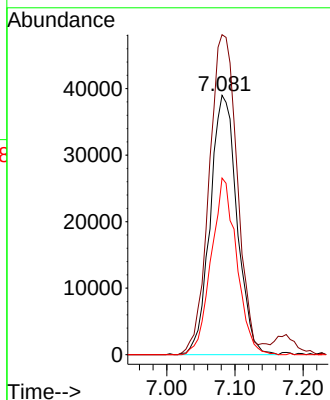
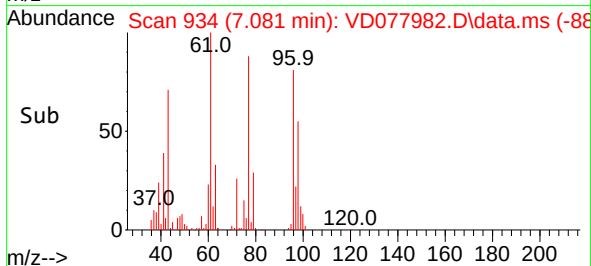
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 106708
 Ion Ratio Lower Upper
 96 100
 61 130.2 0.0 239.2
 98 64.9 0.0 128.6

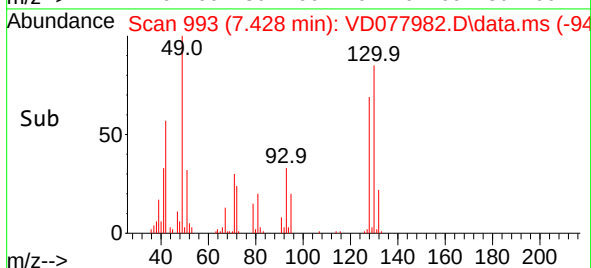
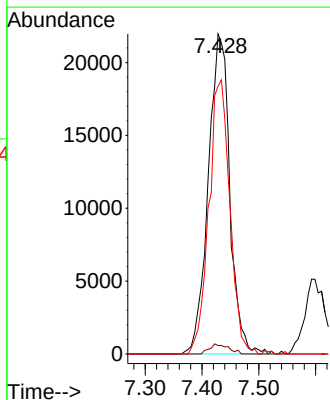
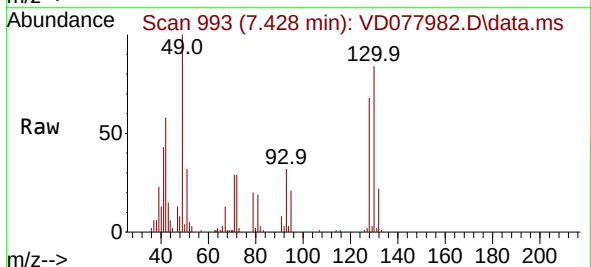
Manual Integrations
 APPROVED

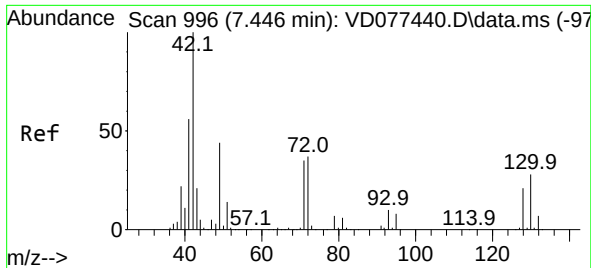
Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023



#28
 Bromochloromethane
 Concen: 51.346 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077982.D
 Acq: 19 Dec 2023 18:53

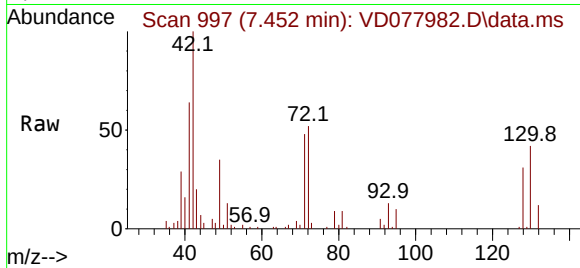
Tgt Ion: 49 Resp: 57770
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 6.0
 130 83.4 83.2 124.8





#29
Tetrahydrofuran
Concen: 264.510 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

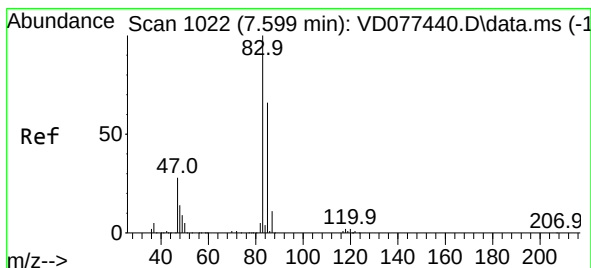
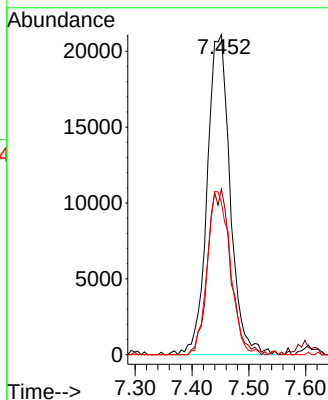
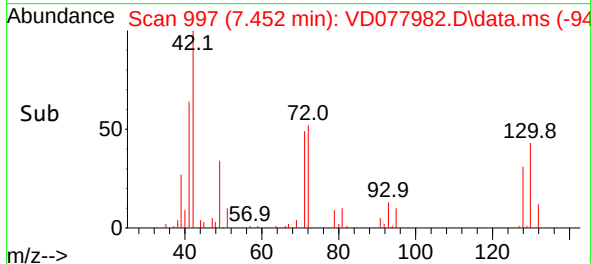
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



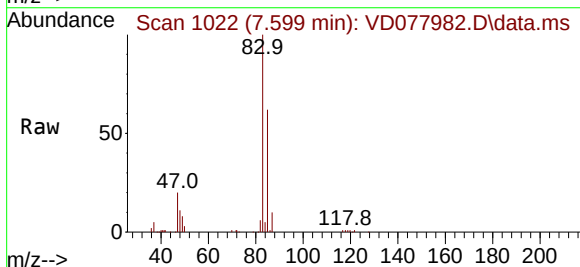
Tgt Ion: 42 Resp: 59070
Ion Ratio Lower Upper
42 100
72 51.9 46.5 69.7
71 50.9 44.5 66.7

Manual Integrations
APPROVED

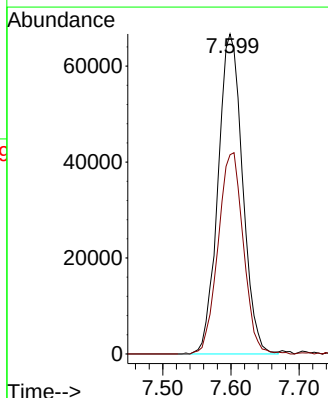
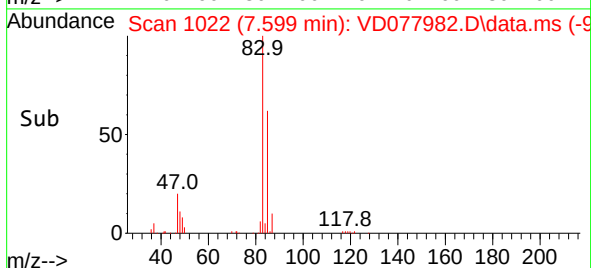
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

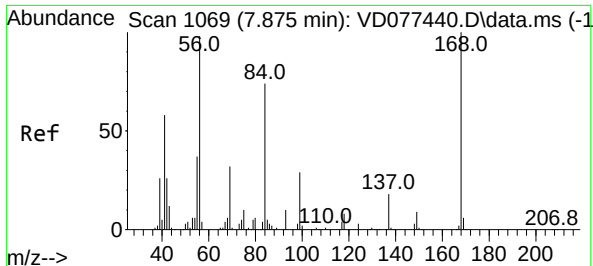


#30
Chloroform
Concen: 59.998 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



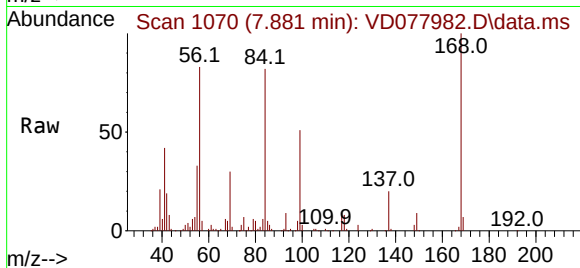
Tgt Ion: 83 Resp: 167195
Ion Ratio Lower Upper
83 100
85 62.3 53.4 80.2





#31
Cyclohexane
Concen: 44.570 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

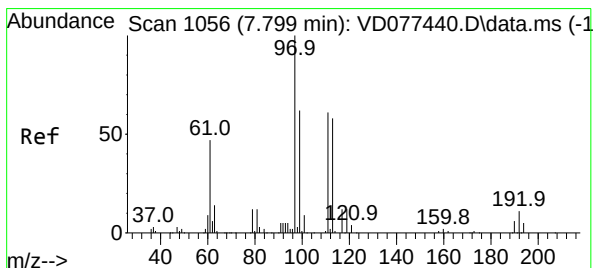
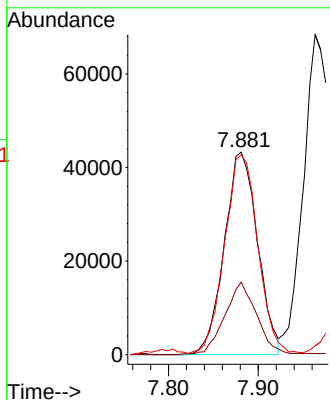
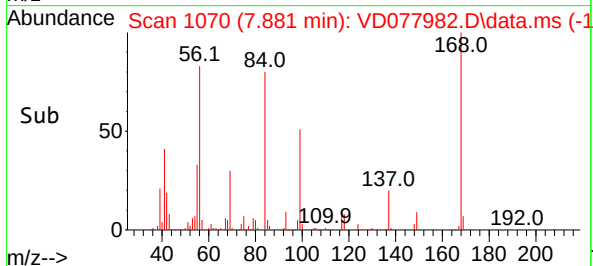
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



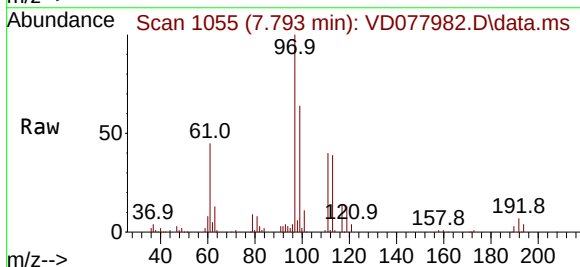
Tgt Ion: 56 Resp: 11117
Ion Ratio Lower Upper
56 100
69 35.8 28.6 43.0
84 97.3 84.8 127.2

Manual Integrations
APPROVED

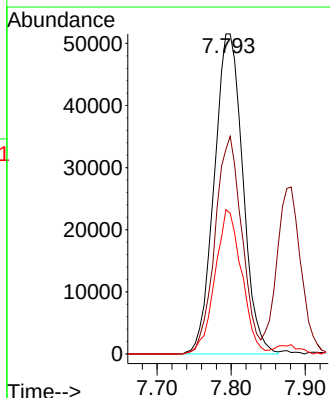
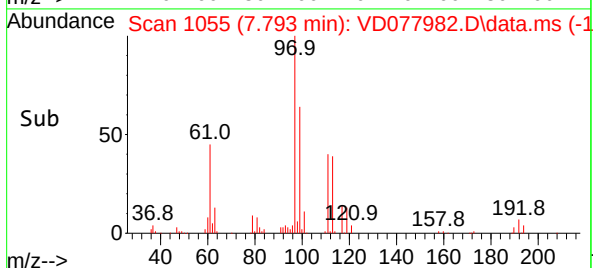
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

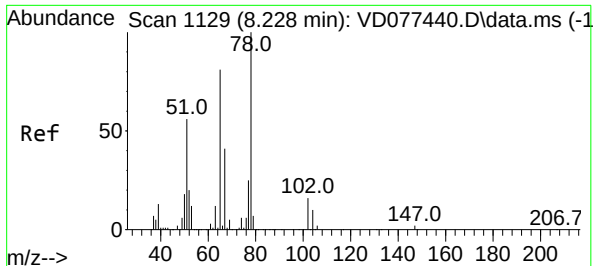


#32
1,1,1-Trichloroethane
Concen: 56.136 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



Tgt Ion: 97 Resp: 137906
Ion Ratio Lower Upper
97 100
99 64.0 52.0 78.0
61 42.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.503 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 73630

Ion Ratio Lower Upper

65 100

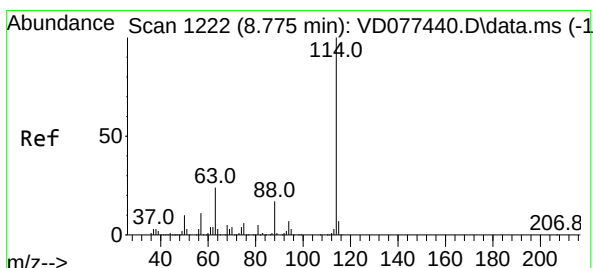
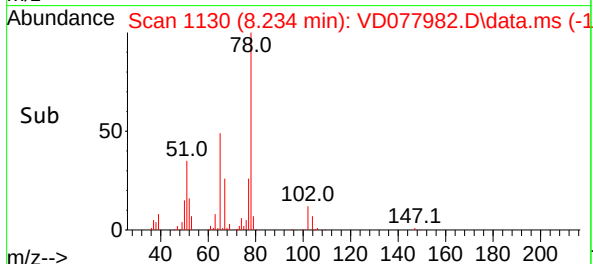
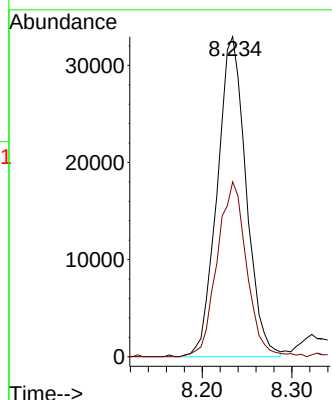
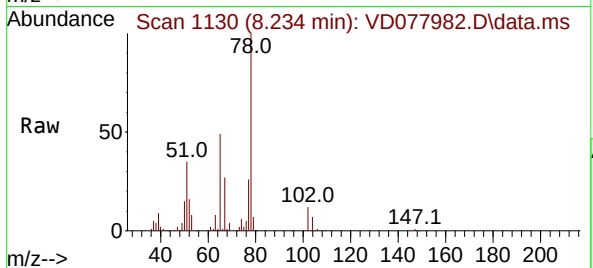
67 55.8 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

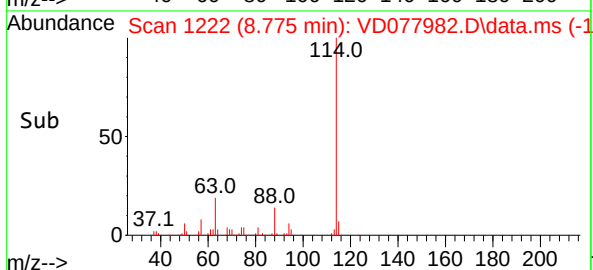
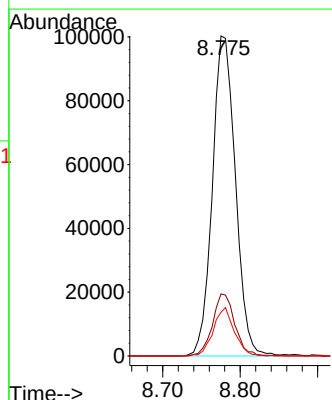
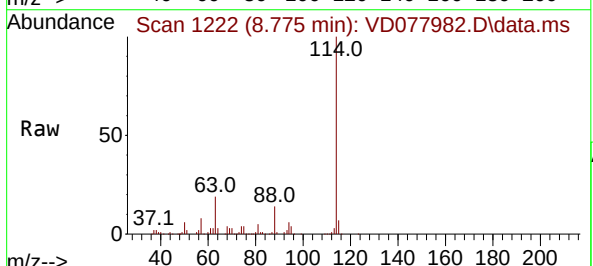
Tgt Ion:114 Resp: 207370

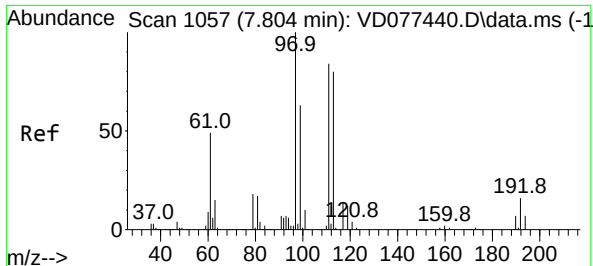
Ion Ratio Lower Upper

114 100

63 19.4 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 56.808 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

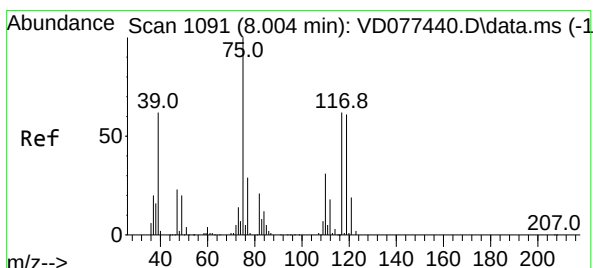
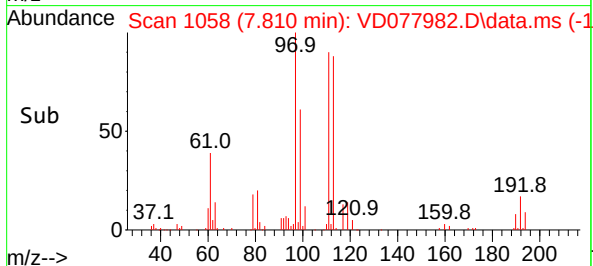
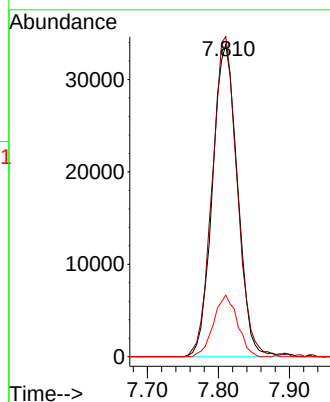
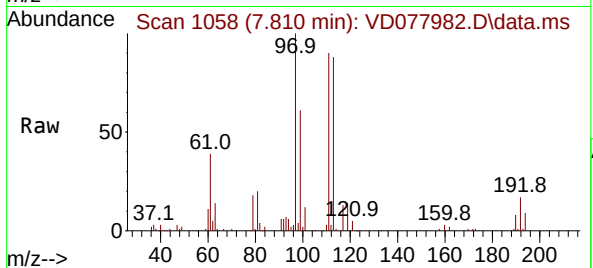
Tgt Ion: 113 Resp: 8251

Ion	Ratio	Lower	Upper
113	100		
111	102.6	84.7	127.1
192	18.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#36

1,1-Dichloropropene

Concen: 51.284 ug/l

RT: 8.010 min Scan# 1092

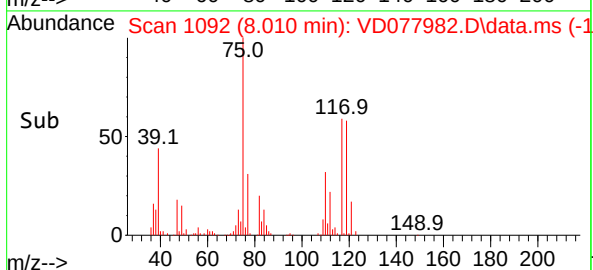
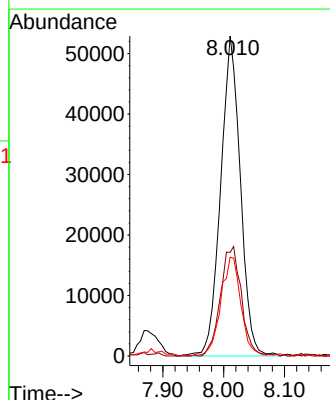
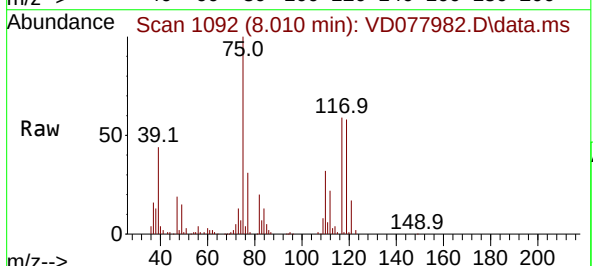
Delta R.T. 0.006 min

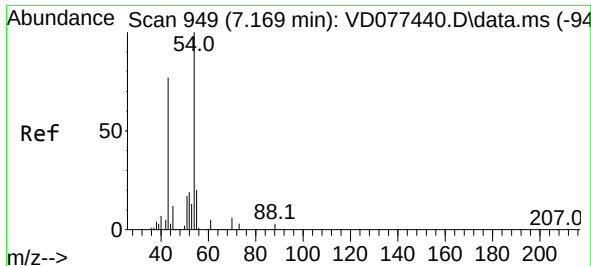
Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Tgt Ion: 75 Resp: 119155

Ion	Ratio	Lower	Upper
75	100		
110	36.2	19.9	59.6
77	31.6	24.7	37.1





#37

Ethyl Acetate

Concen: 44.948 ug/l

RT: 7.175 min Scan# 949

Delta R.T. 0.006 min

Lab File: VD077982.D

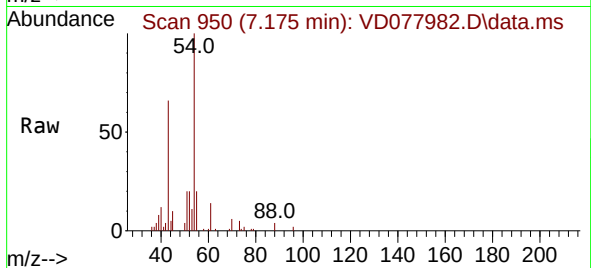
Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

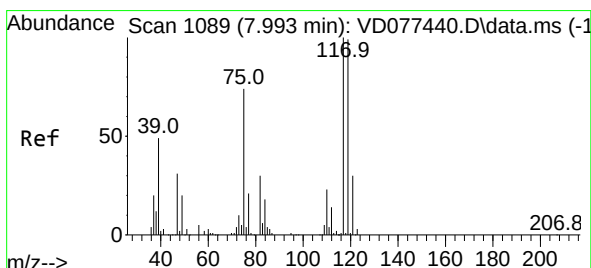
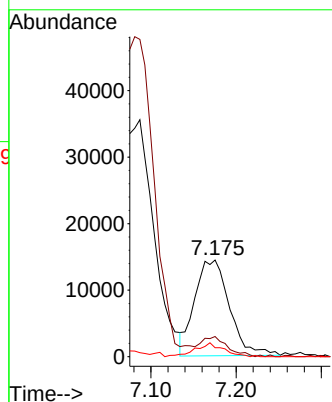
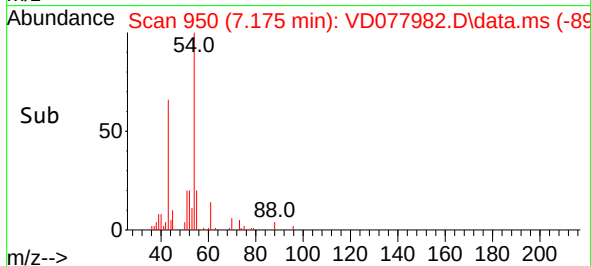


Tgt Ion:	43	Resp:	4072
Ion	Ratio	Lower	Upper
43	100		
61	15.7	14.9	22.3
70	11.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#38

Carbon Tetrachloride

Concen: 52.794 ug/l

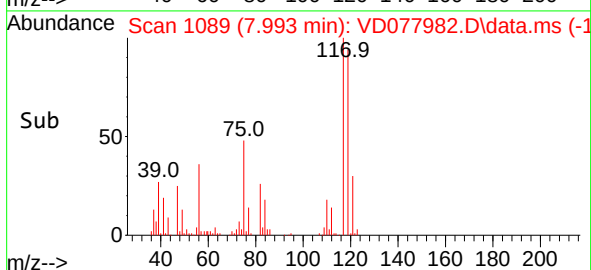
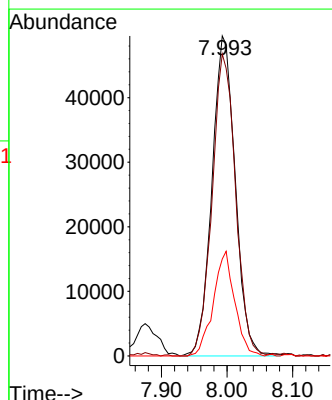
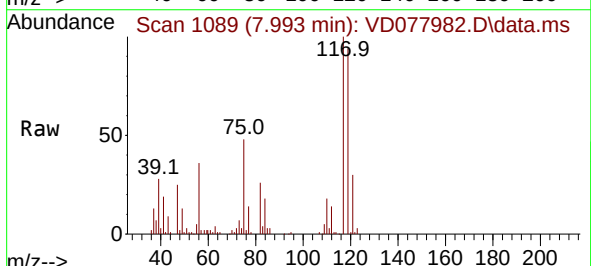
RT: 7.993 min Scan# 1089

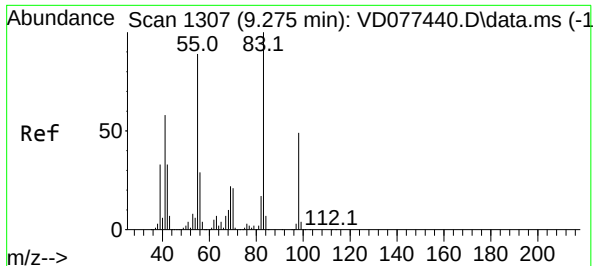
Delta R.T. -0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Tgt Ion:	117	Resp:	122287
Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.0	117.0
121	30.3	24.2	36.2





#39

Methylcyclohexane

Concen: 49.348 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

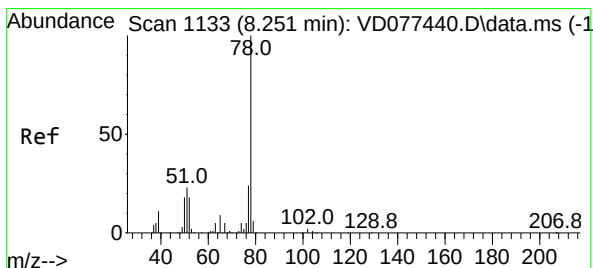
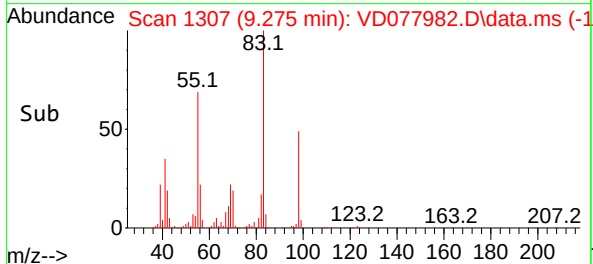
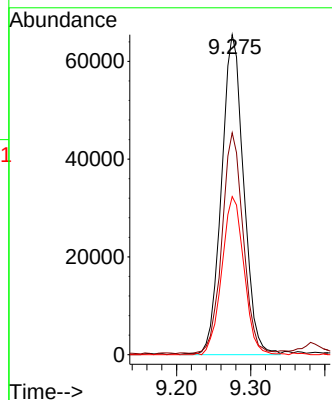
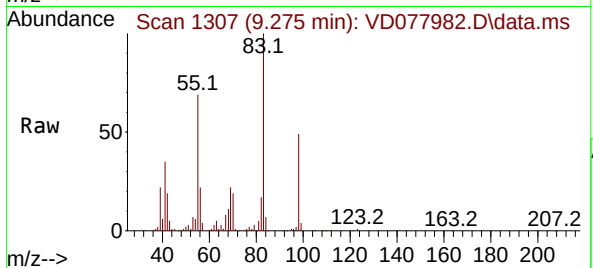
Tgt Ion: 83 Resp: 135920

Ion	Ratio	Lower	Upper
83	100		
55	68.8	49.4	74.0
98	49.4	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#40

Benzene

Concen: 55.061 ug/l

RT: 8.252 min Scan# 1133

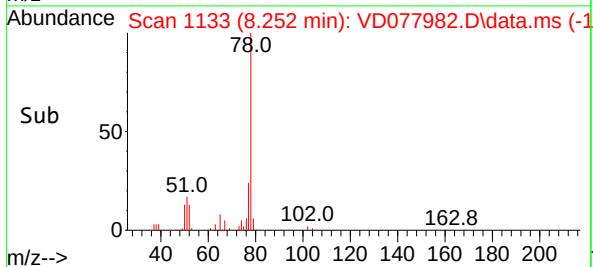
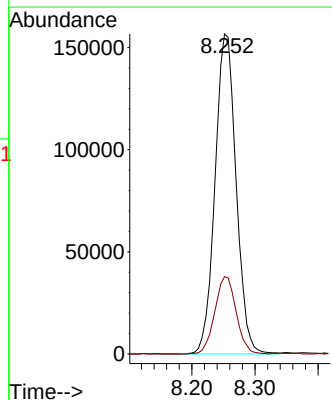
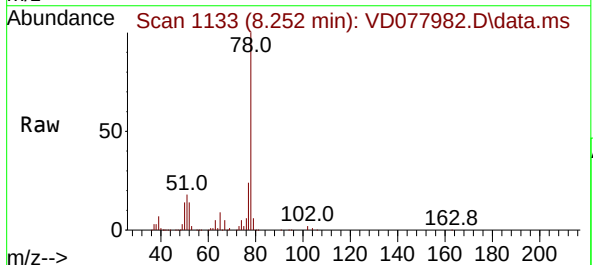
Delta R.T. 0.001 min

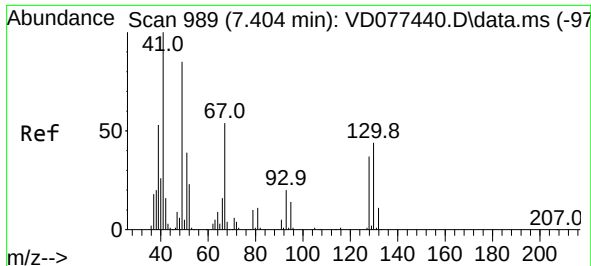
Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Tgt Ion: 78 Resp: 363098

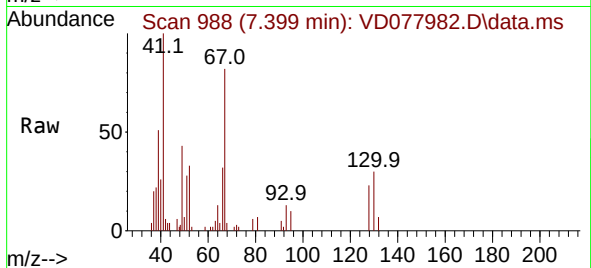
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





#41
Methacrylonitrile
Concen: 49.962 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

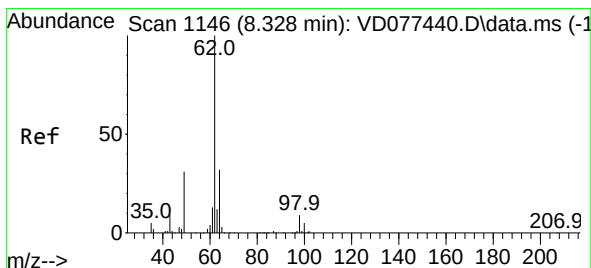
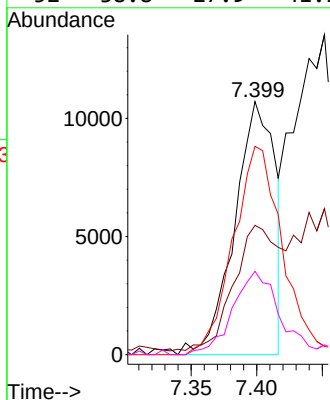
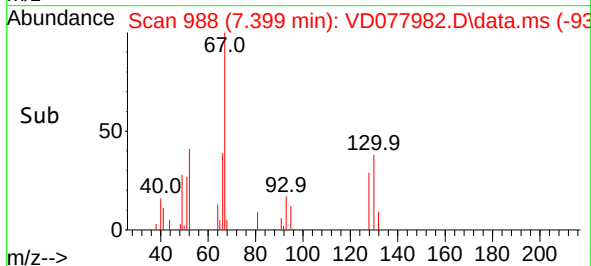
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 23000
Ion Ratio Lower Upper
41 100
39 58.4 34.0 51.0
67 99.7 77.0 115.4
52 38.8 27.9 41.9

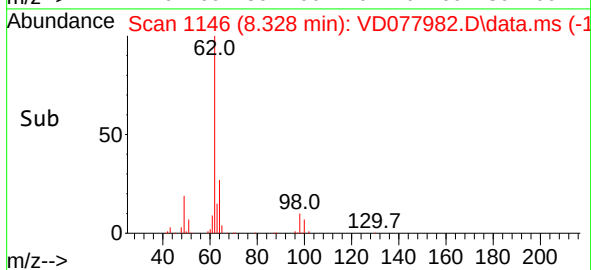
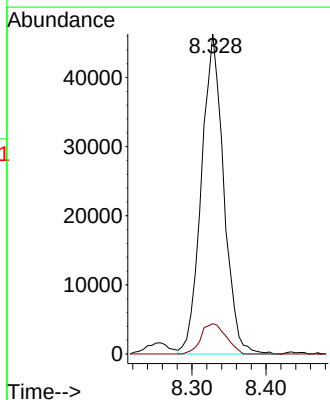
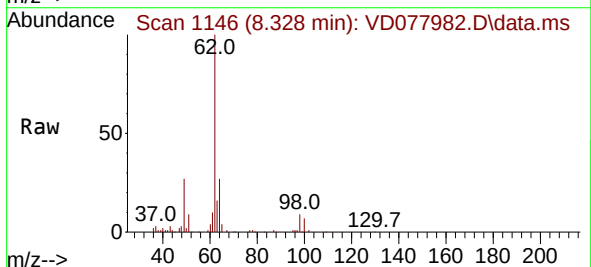
Manual Integrations
APPROVED

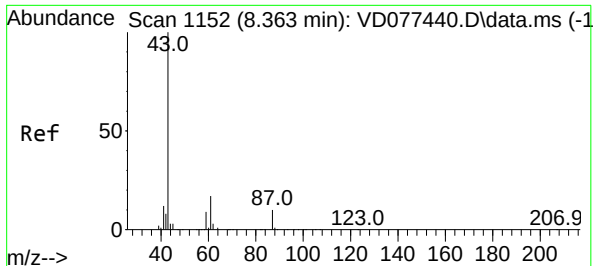
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#42
1,2-Dichloroethane
Concen: 56.538 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

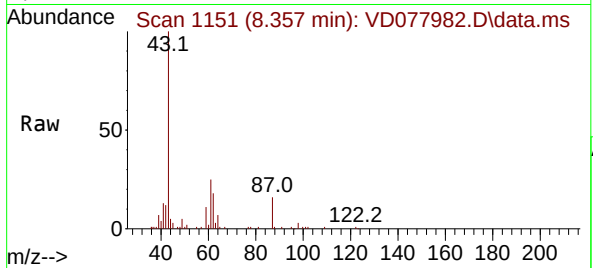
Tgt Ion: 62 Resp: 96644
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 49.468 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

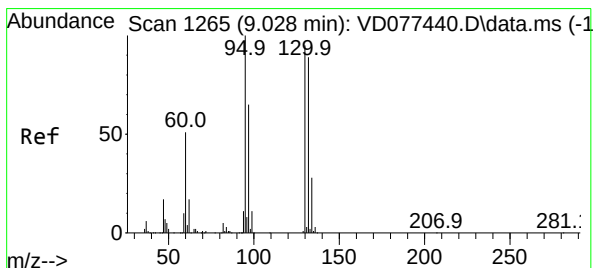
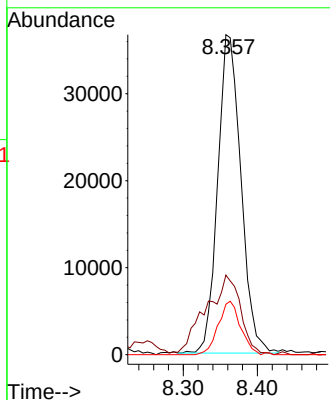
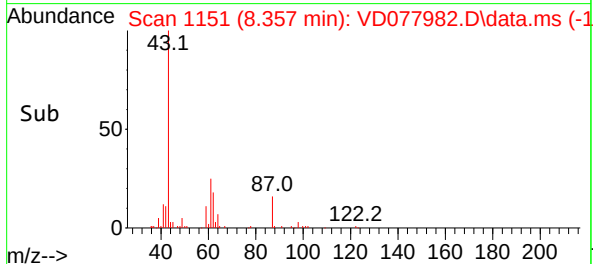
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 7966
Ion Ratio Lower Upper
43 100
61 37.4 31.4 47.0
87 16.2 14.9 22.3

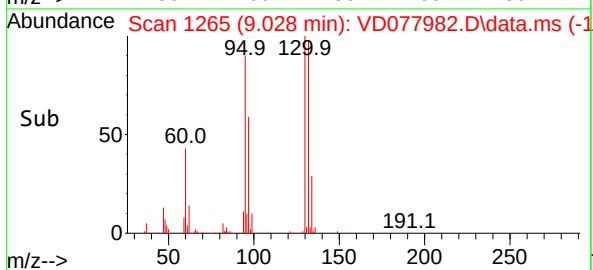
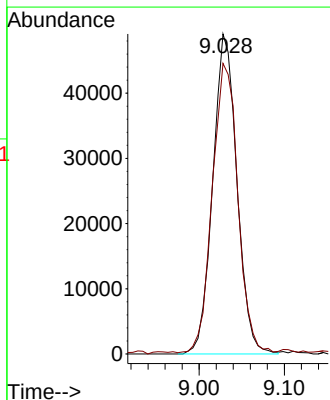
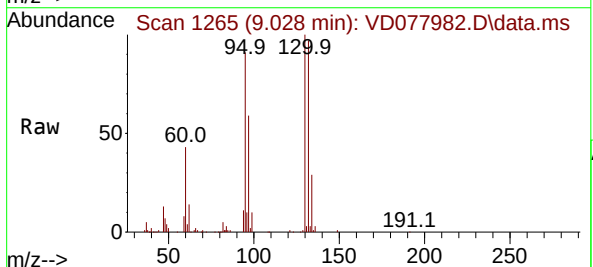
Manual Integrations
APPROVED

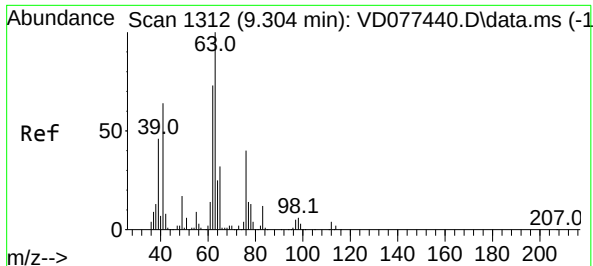
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#44
Trichloroethene
Concen: 56.309 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Tgt Ion:130 Resp: 96766
Ion Ratio Lower Upper
130 100
95 90.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 57.275 ug/l

RT: 9.310 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 91810

Ion Ratio Lower Upper

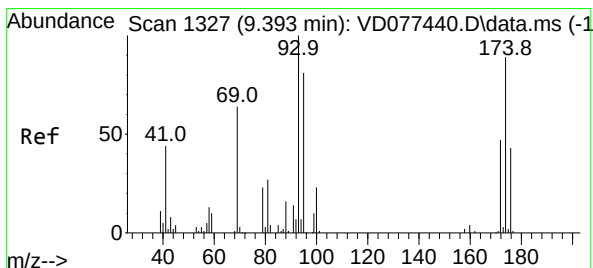
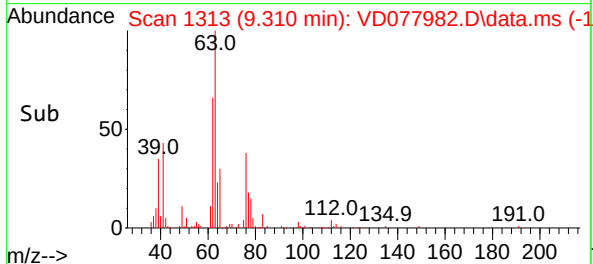
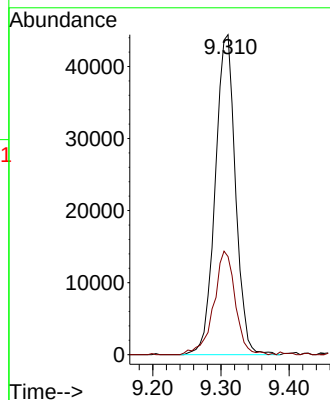
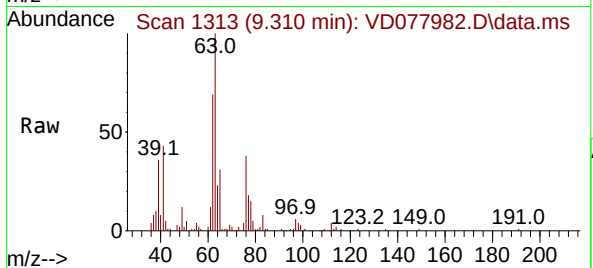
63 100

65 30.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#46

Dibromomethane

Concen: 60.886 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

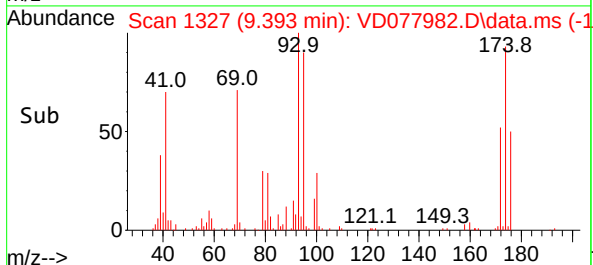
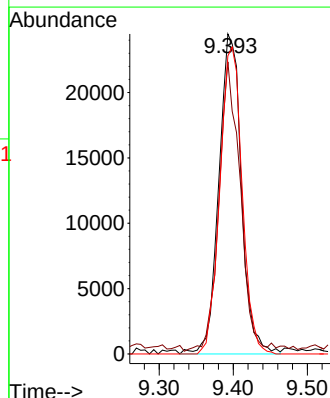
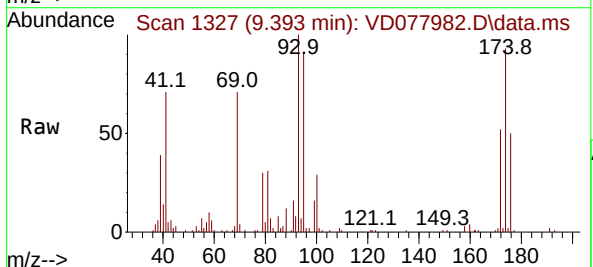
Tgt Ion: 93 Resp: 51644

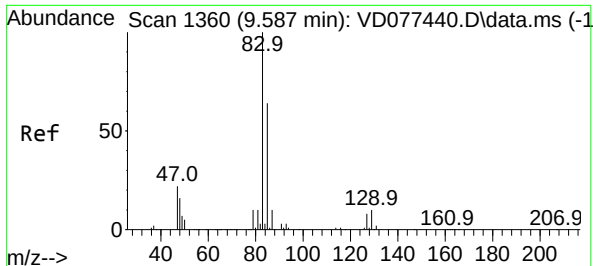
Ion Ratio Lower Upper

93 100

95 84.4 67.7 101.5

174 94.8 85.4 128.2





#47

Bromodichloromethane

Concen: 60.539 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

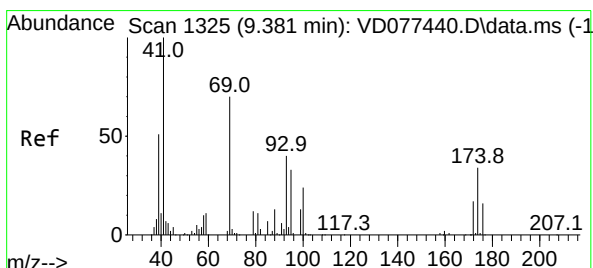
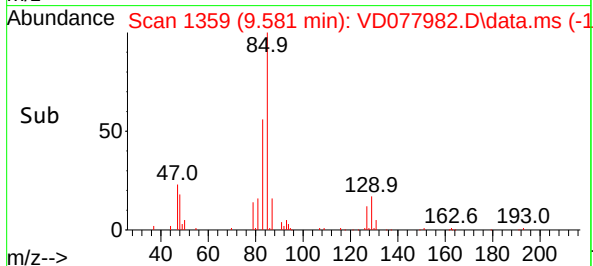
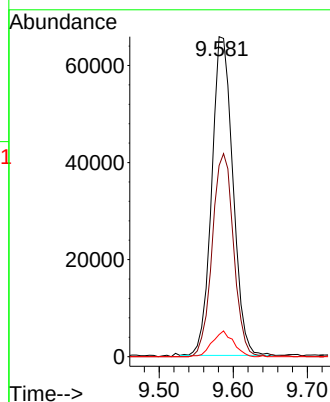
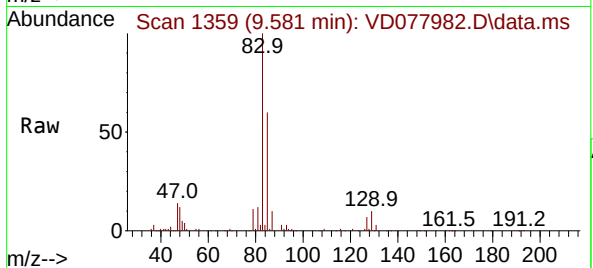
VSTDCCC050EC

Tgt Ion:	83	Resp:	13015
Ion Ratio	Lower	Upper	
83	100		
85	60.0	50.2	75.4
127	6.9	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#48

Methyl methacrylate

Concen: 50.942 ug/l

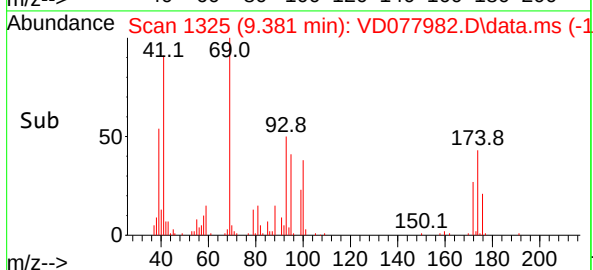
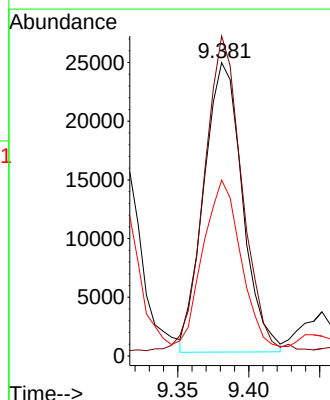
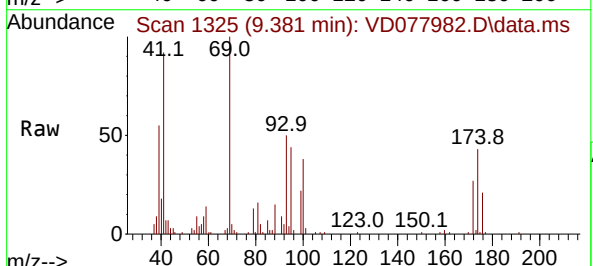
RT: 9.381 min Scan# 1325

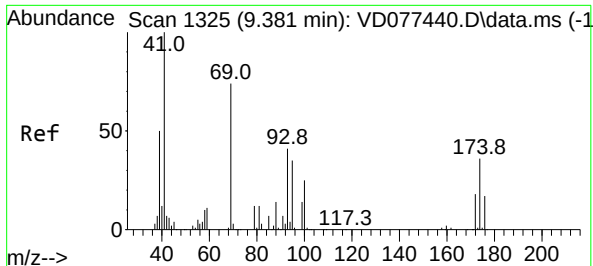
Delta R.T. -0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Tgt Ion:	41	Resp:	46636
Ion Ratio	Lower	Upper	
41	100		
69	107.4	102.2	153.2
39	62.3	41.4	62.2





#49

1,4-Dioxane

Concen: 1109.173 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

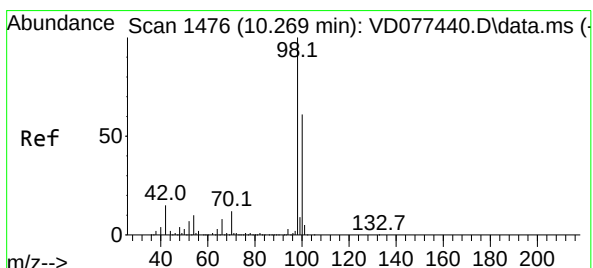
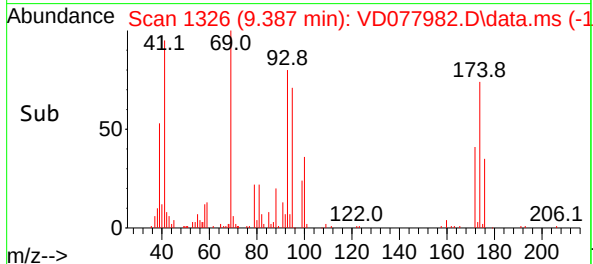
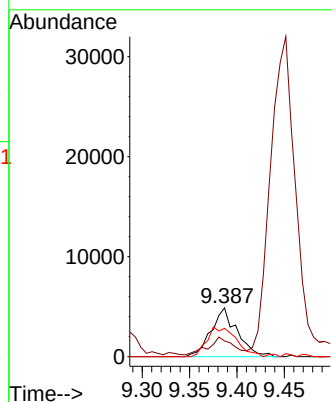
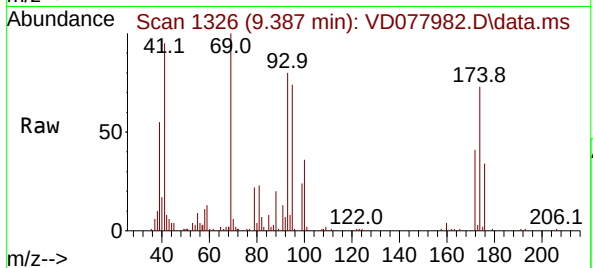
VSTDCCC050EC

Tgt Ion:	88	Resp:	934
Ion Ratio	Lower	Upper	
88	100		
43	33.2	19.0	28.6
58	68.0	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#50

Toluene-d8

Concen: 54.443 ug/l

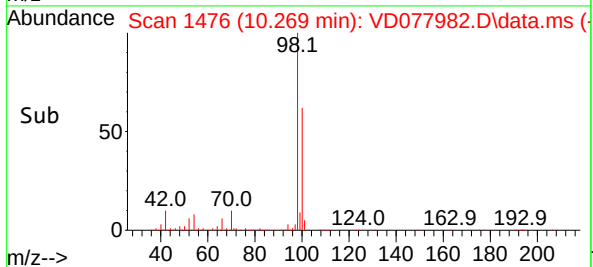
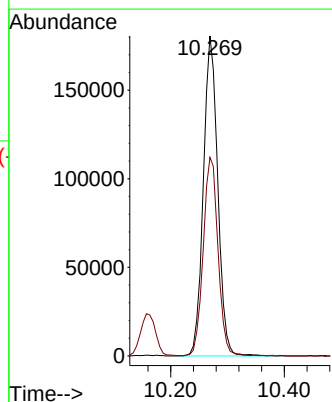
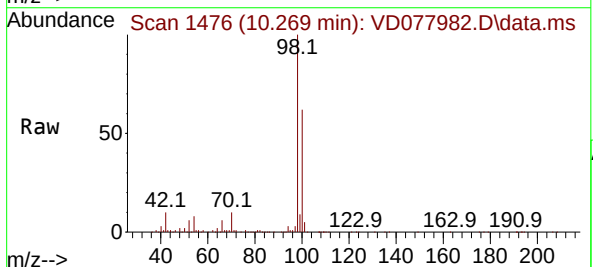
RT: 10.269 min Scan# 1476

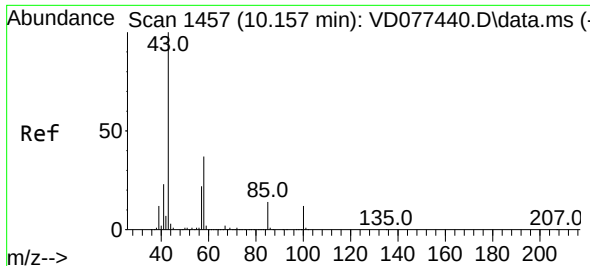
Delta R.T. 0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

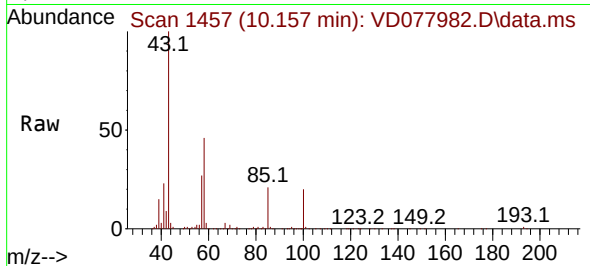
Tgt Ion:	98	Resp:	316730
Ion Ratio	Lower	Upper	
98	100		
100	63.9	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 261.658 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

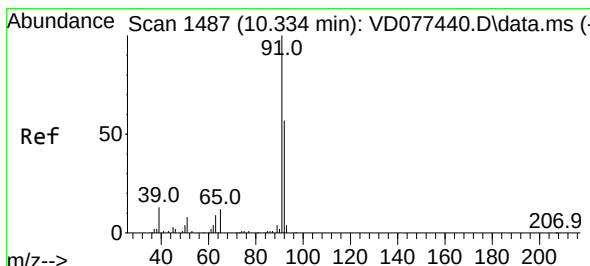
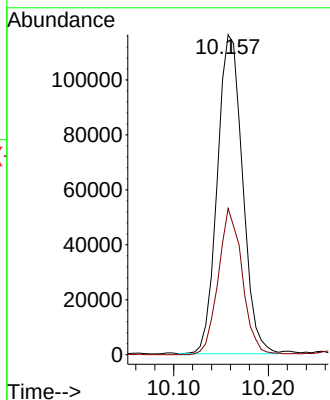
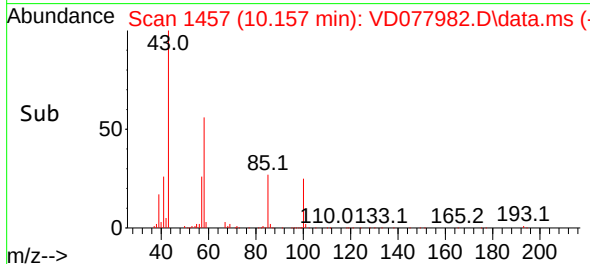
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



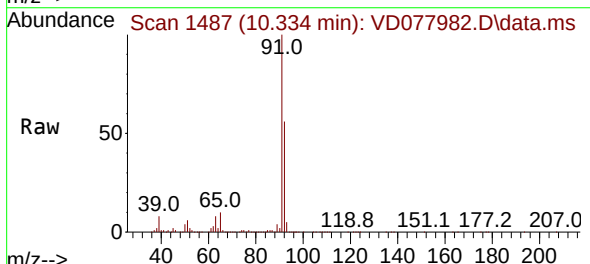
Tgt Ion: 43 Resp: 21506
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3

Manual Integrations
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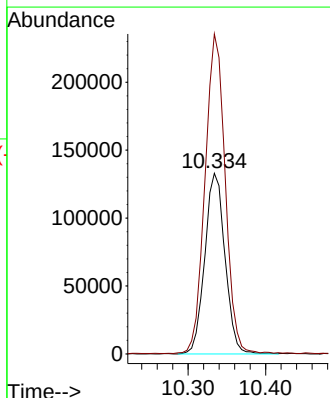
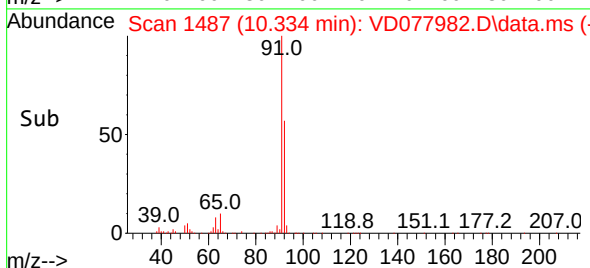
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

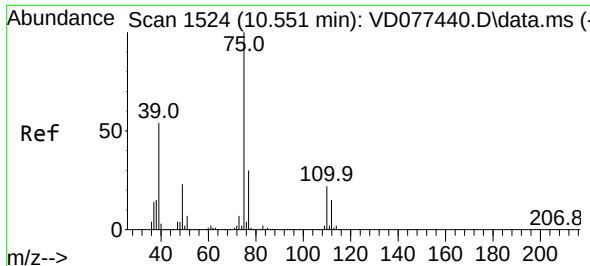


#52
Toluene
Concen: 58.911 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



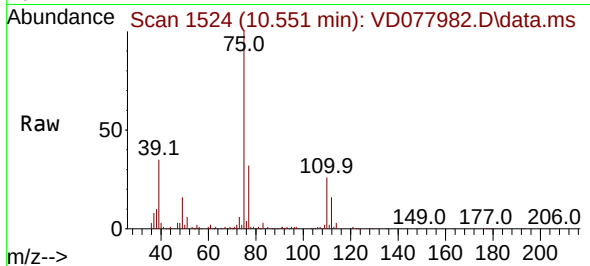
Tgt Ion: 92 Resp: 240978
Ion Ratio Lower Upper
92 100
91 176.2 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 59.873 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

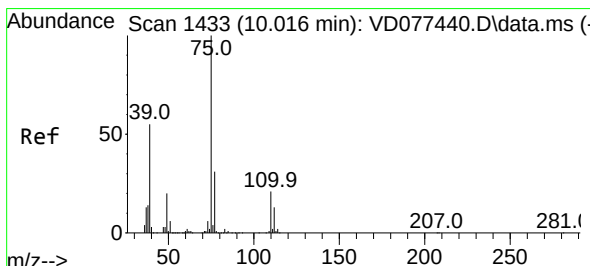
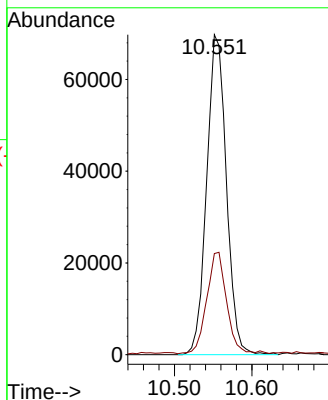
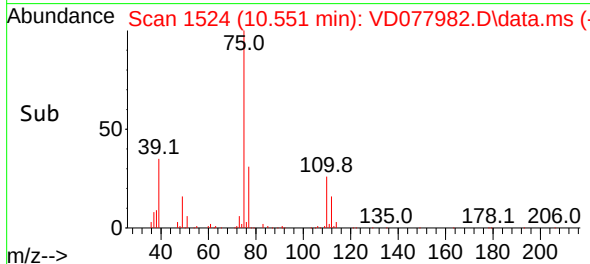
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



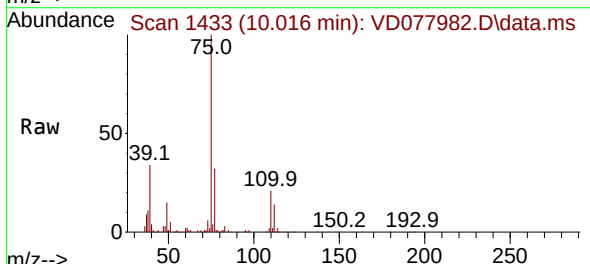
Tgt Ion: 75 Resp: 12361
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9

Manual Integrations
APPROVED

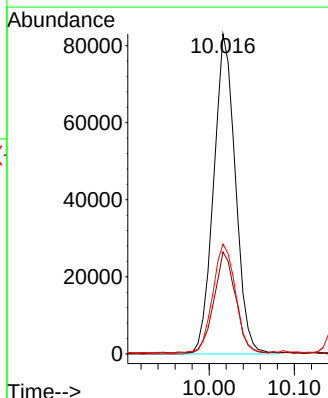
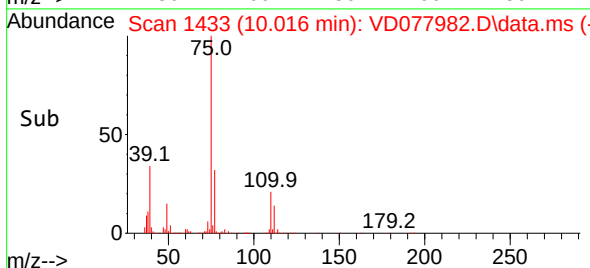
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

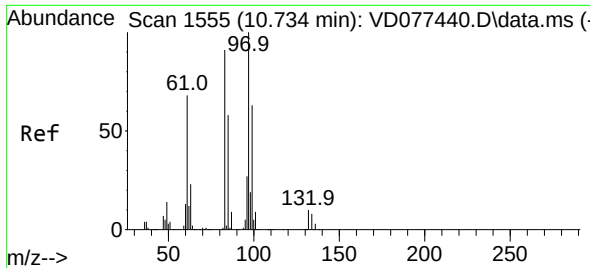


#54
cis-1,3-Dichloropropene
Concen: 59.099 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



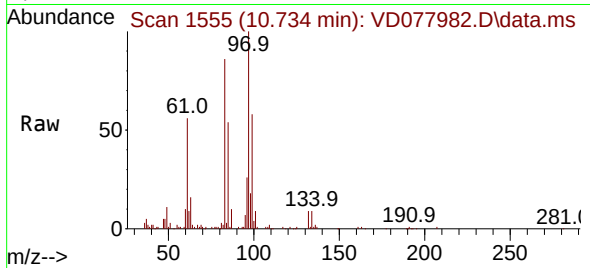
Tgt Ion: 75 Resp: 147520
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3
39 34.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 61.847 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

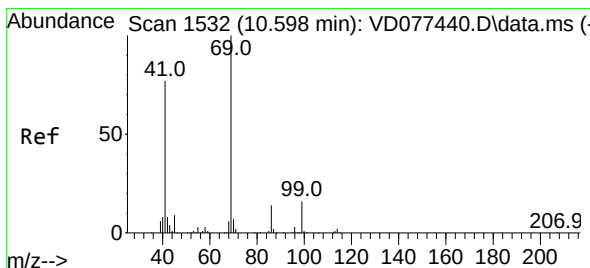
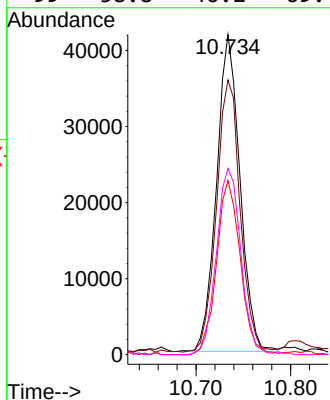
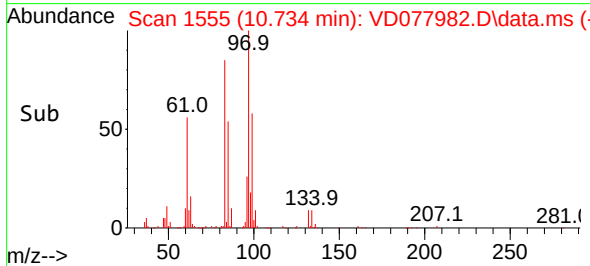


Tgt Ion: 97 Resp: 71750

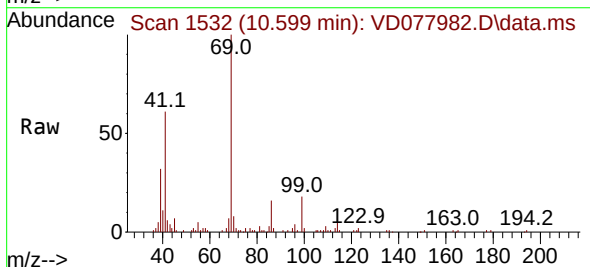
Ion	Ratio	Lower	Upper
97	100		
83	85.7	65.8	98.6
85	55.0	45.7	68.5
99	58.8	46.2	69.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

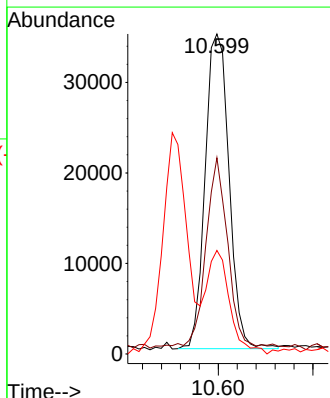
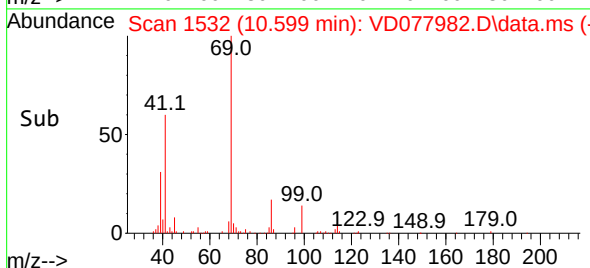


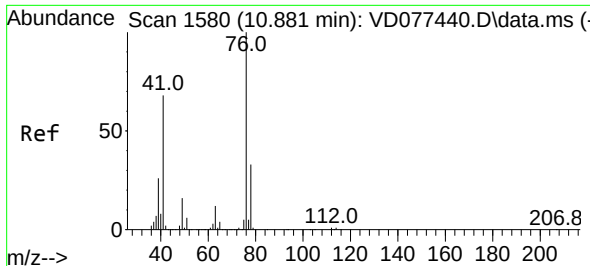
#56
Ethyl methacrylate
Concen: 59.460 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



Tgt Ion: 69 Resp: 60814

Ion	Ratio	Lower	Upper
69	100		
41	53.6	39.1	58.7
39	31.2	20.0	30.0





#57

1,3-Dichloropropane

Concen: 59.589 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 11917

Ion Ratio Lower Upper

76 100

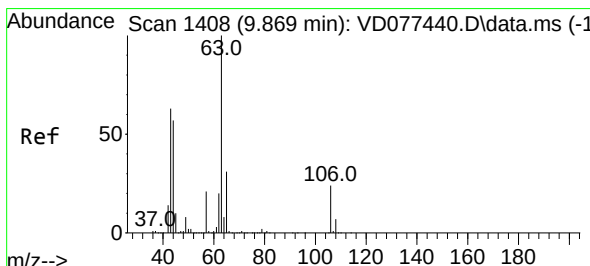
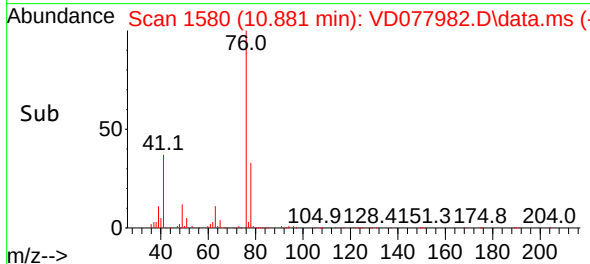
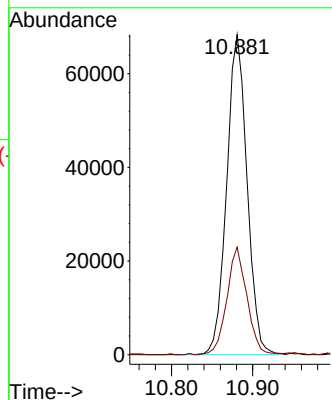
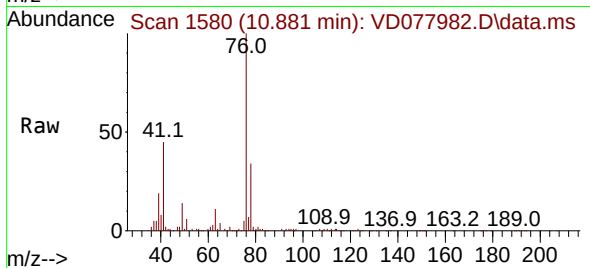
78 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#58

2-Chloroethyl Vinyl ether

Concen: 233.451 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077982.D

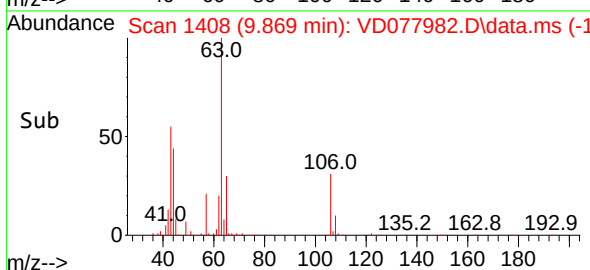
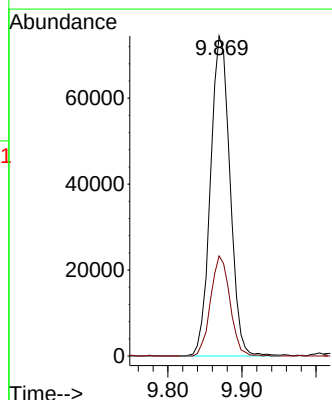
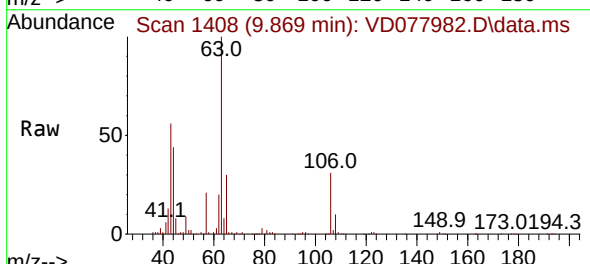
Acq: 19 Dec 2023 18:53

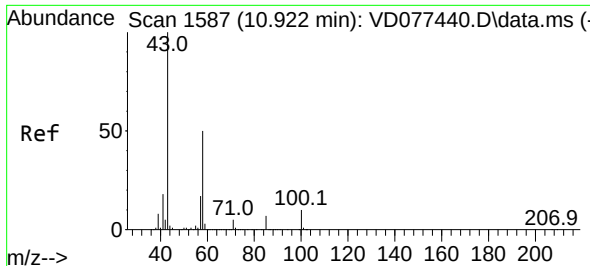
Tgt Ion: 63 Resp: 136163

Ion Ratio Lower Upper

63 100

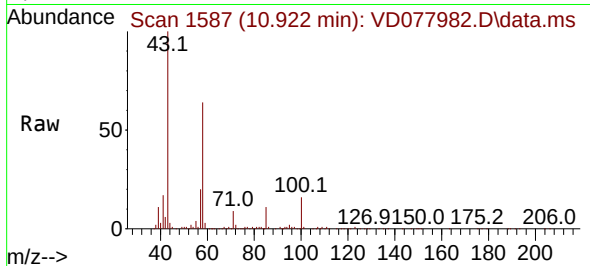
106 30.9 25.3 37.9





#59
2-Hexanone
Concen: 229.462 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

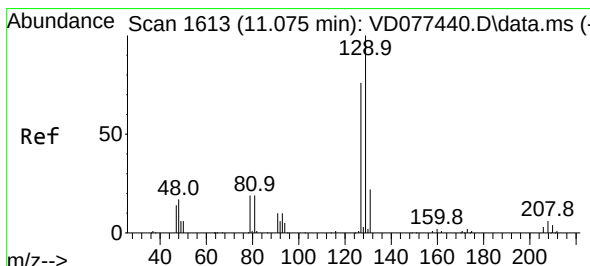
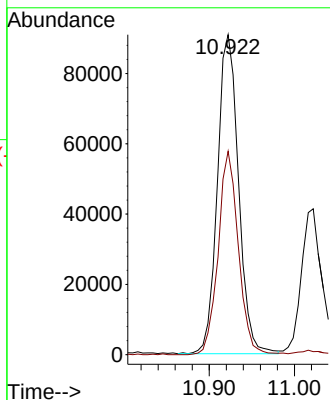
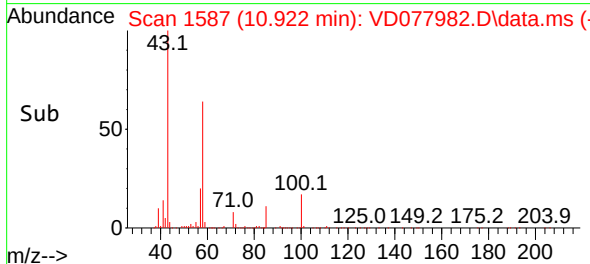
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 156470
Ion Ratio Lower Upper
43 100
58 61.1 34.1 102.2

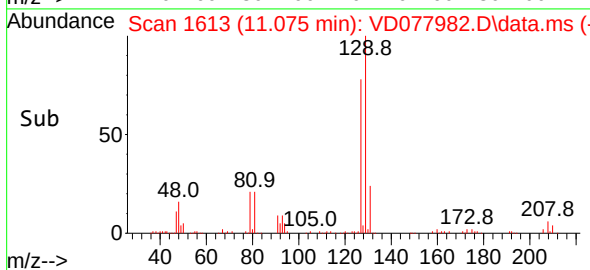
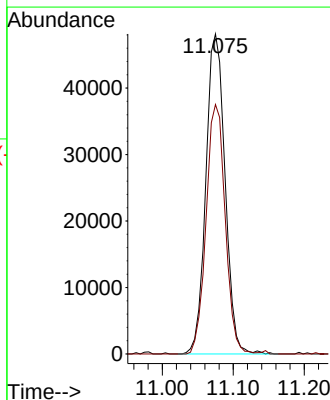
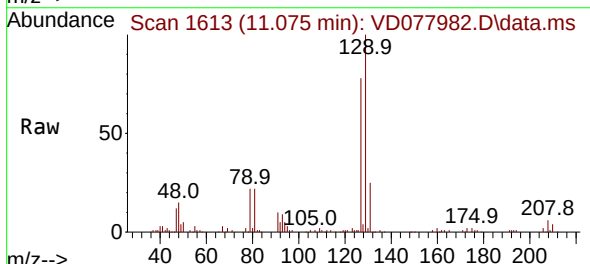
Manual Integrations
APPROVED

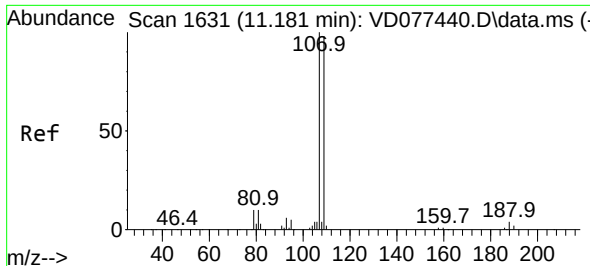
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#60
Dibromochloromethane
Concen: 64.743 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

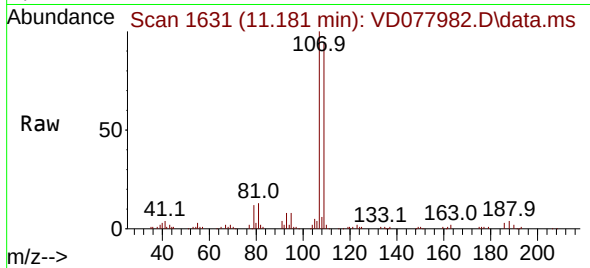
Tgt Ion:129 Resp: 90439
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5





#61
1,2-Dibromoethane
Concen: 64.332 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

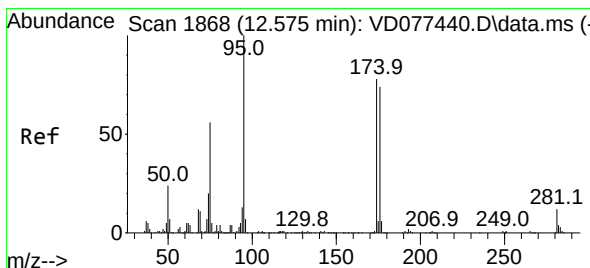
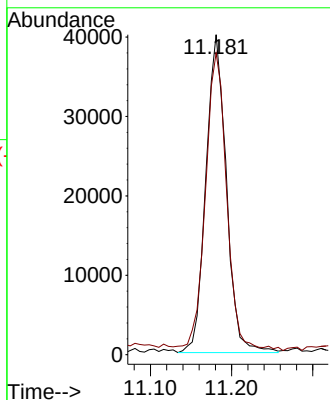
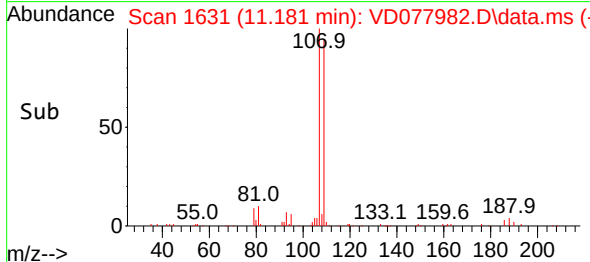
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



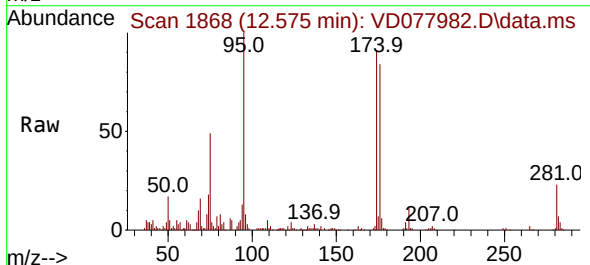
Tgt Ion:107 Resp: 7026
Ion Ratio Lower Upper
107 100
109 97.5 75.6 113.4

Manual Integrations
APPROVED

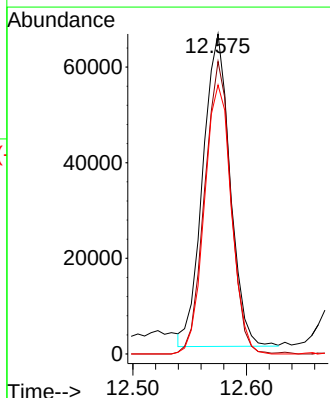
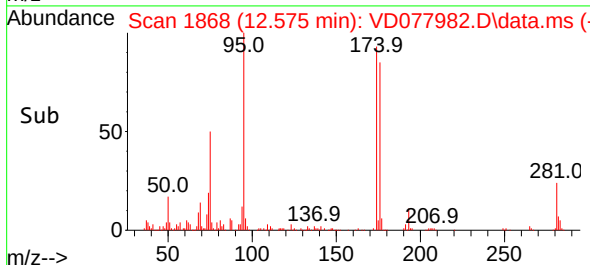
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

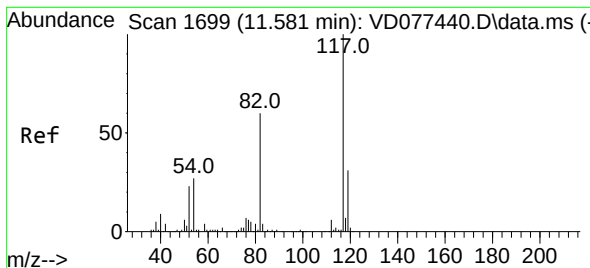


#62
4-Bromofluorobenzene
Concen: 62.781 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



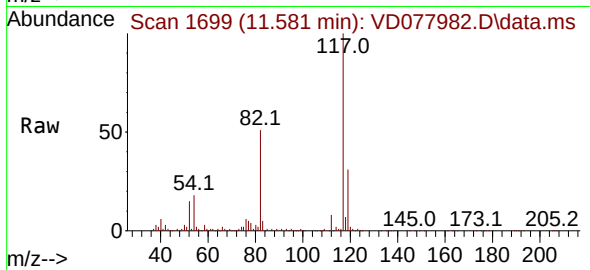
Tgt Ion: 95 Resp: 109197
Ion Ratio Lower Upper
95 100
174 89.7 0.0 201.8
176 85.3 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

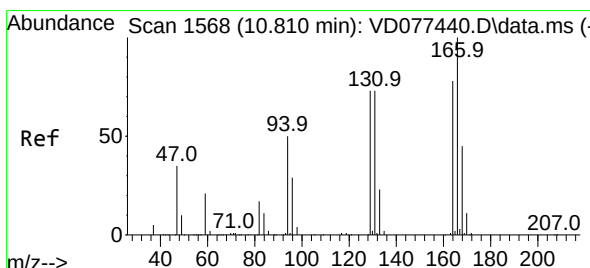
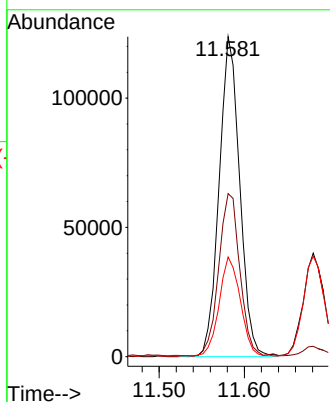
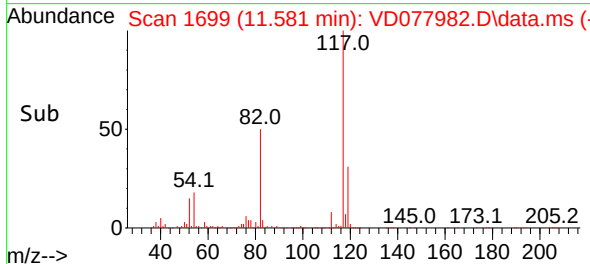
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 20776
Ion Ratio Lower Upper
117 100
82 50.5 38.3 57.5
119 31.0 25.0 37.4

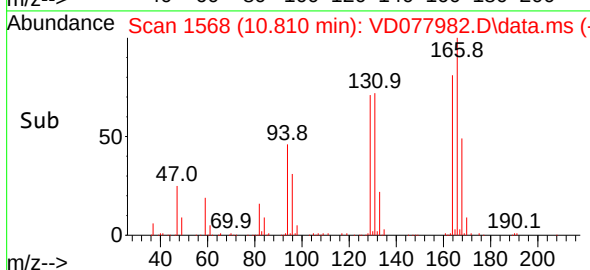
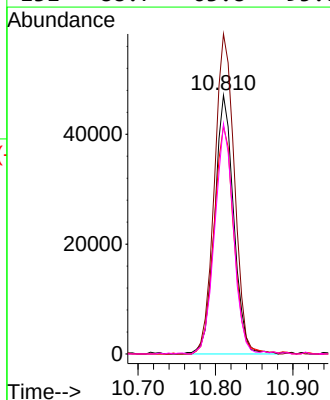
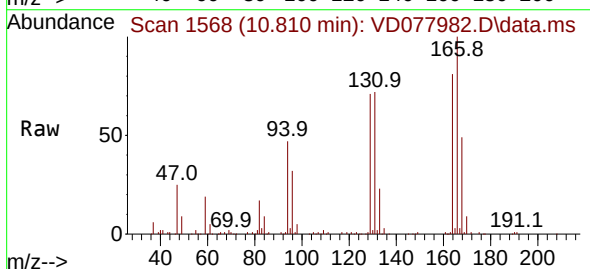
Manual Integrations
APPROVED

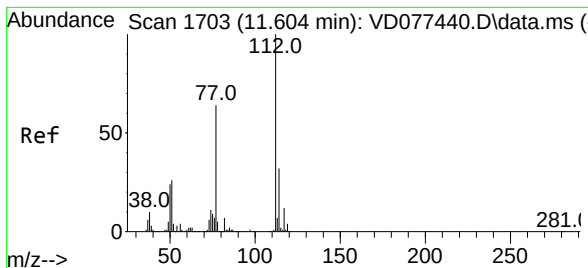
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#64
Tetrachloroethene
Concen: 52.918 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

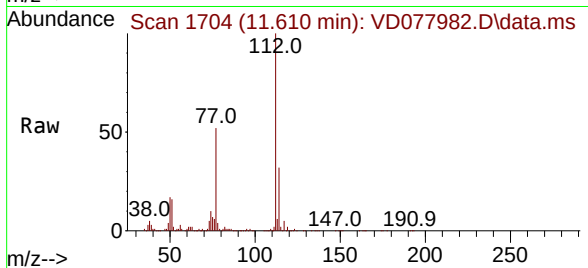
Tgt Ion:164 Resp: 80807
Ion Ratio Lower Upper
164 100
166 123.7 99.2 148.8
129 88.0 68.4 102.6
131 88.7 63.8 95.8





#65
Chlorobenzene
Concen: 55.552 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

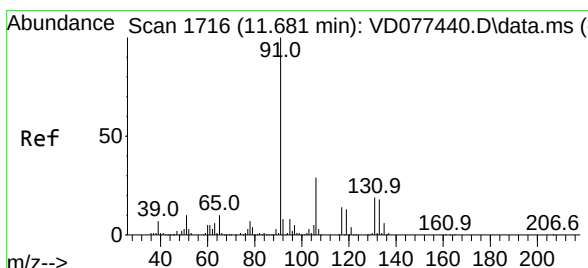
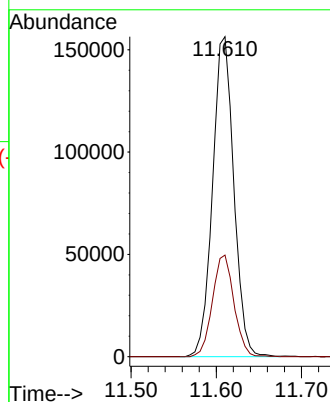
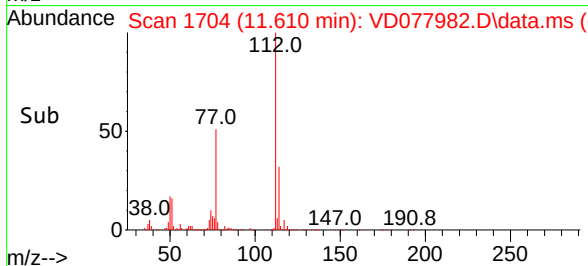
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



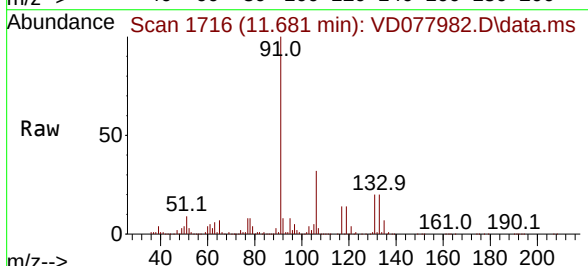
Tgt Ion:112 Resp: 271064
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

Manual Integrations
APPROVED

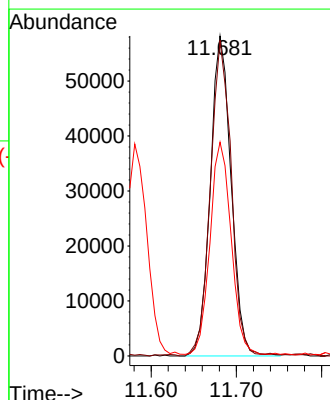
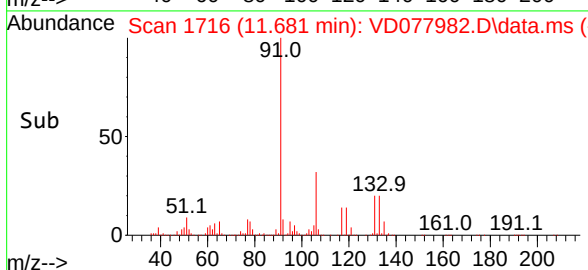
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

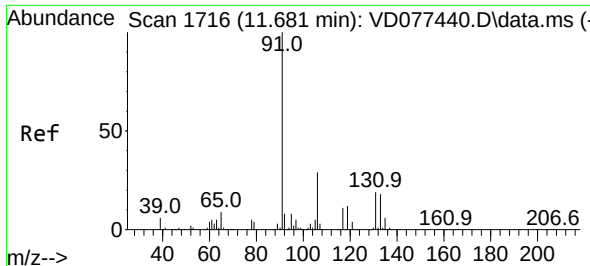


#66
1,1,1,2-Tetrachloroethane
Concen: 57.177 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



Tgt Ion:131 Resp: 98784
Ion Ratio Lower Upper
131 100
133 98.1 48.5 145.5
119 67.2 35.6 106.9





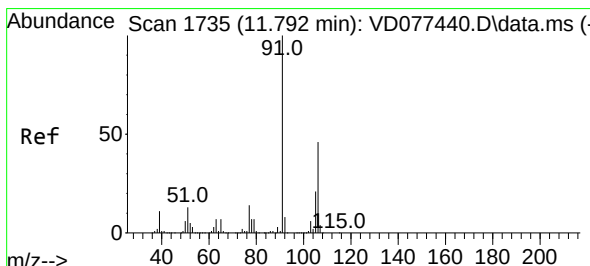
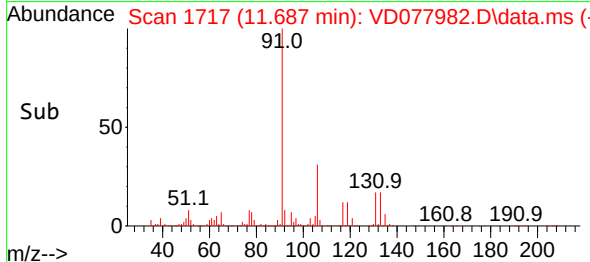
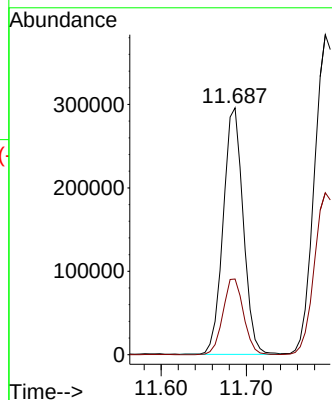
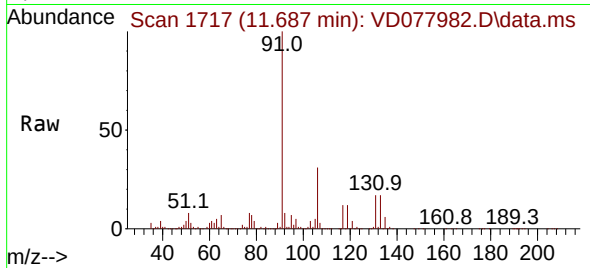
#67
Ethyl Benzene
Concen: 55.852 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 48310
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7

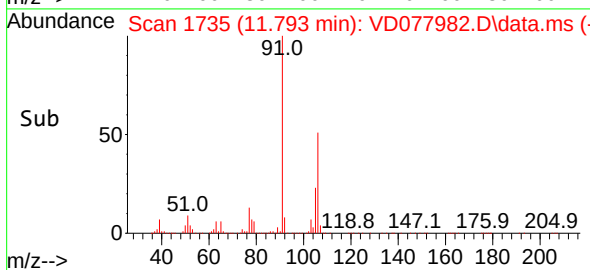
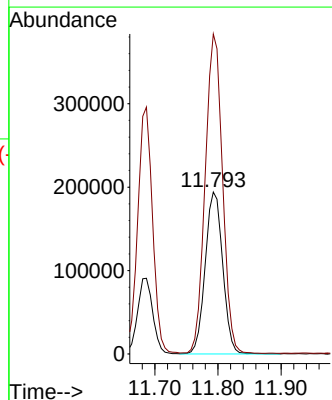
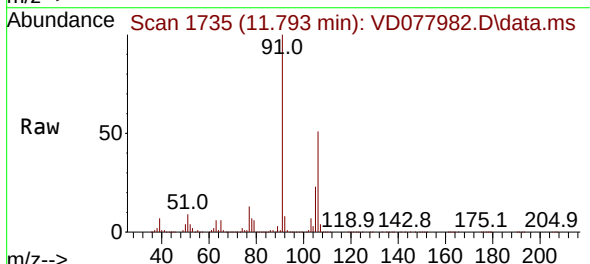
Manual Integrations
APPROVED

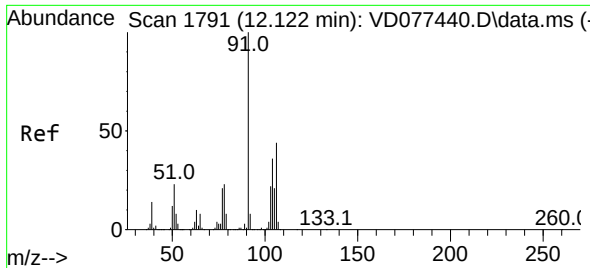
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#68
m/p-Xylenes
Concen: 112.930 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

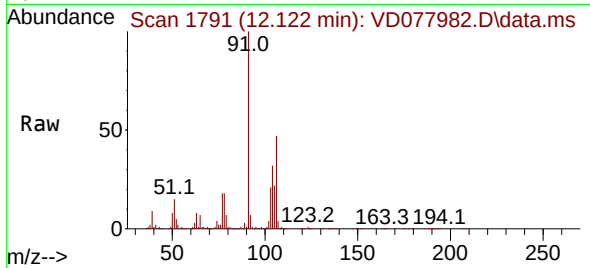
Tgt Ion:106 Resp: 373641
Ion Ratio Lower Upper
106 100
91 195.0 147.0 220.6





#69
o-Xylene
Concen: 57.745 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

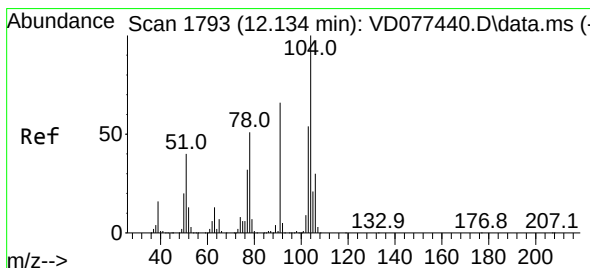
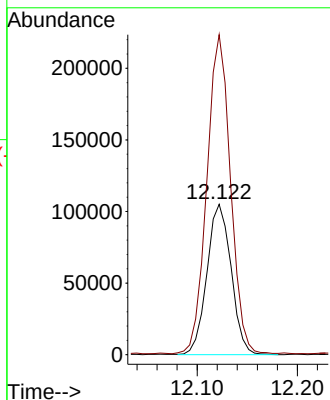
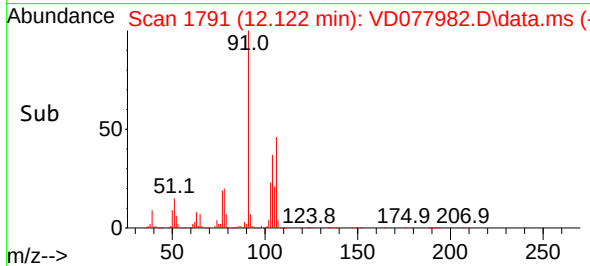
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



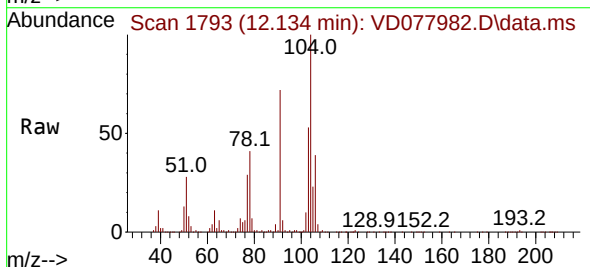
Tgt Ion:106 Resp: 176079
Ion Ratio Lower Upper
106 100
91 207.0 97.9 293.6

Manual Integrations
APPROVED

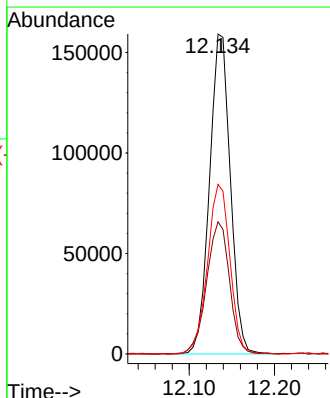
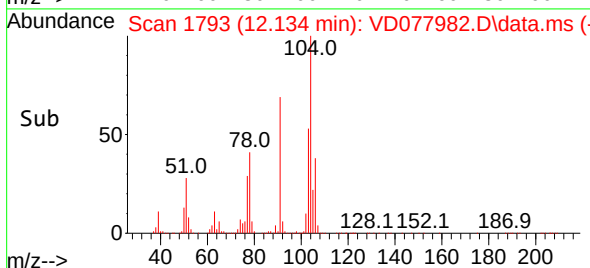
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

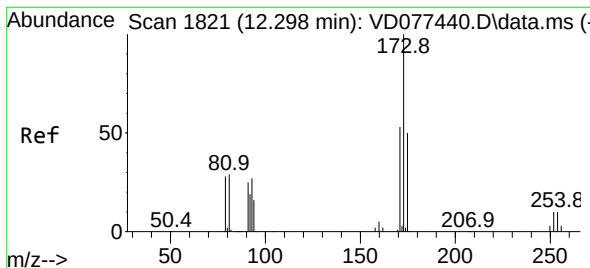


#70
Styrene
Concen: 59.708 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



Tgt Ion:104 Resp: 270723
Ion Ratio Lower Upper
104 100
78 45.4 33.2 49.8
103 57.2 43.6 65.4





#71

Bromoform

Concen: 58.957 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

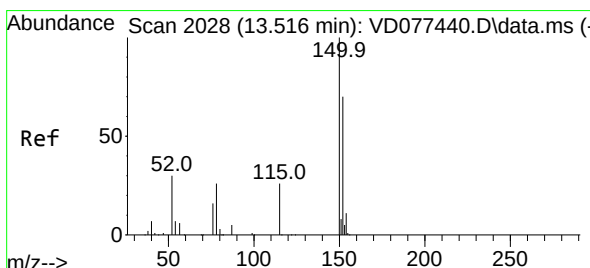
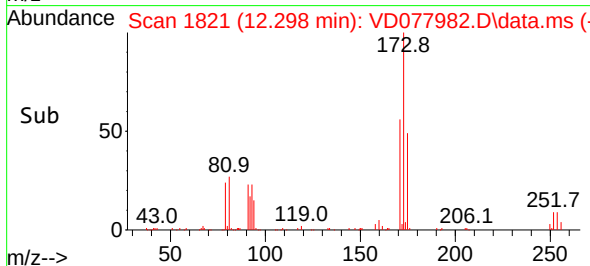
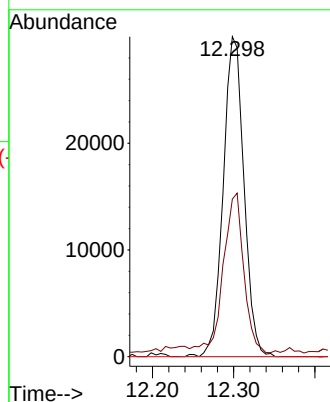
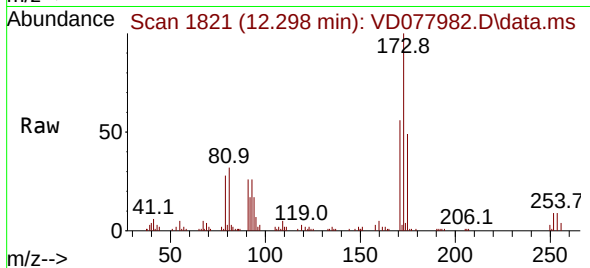
VSTDCCC050EC

Tgt Ion:	173	Resp:	5322
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.6	73.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

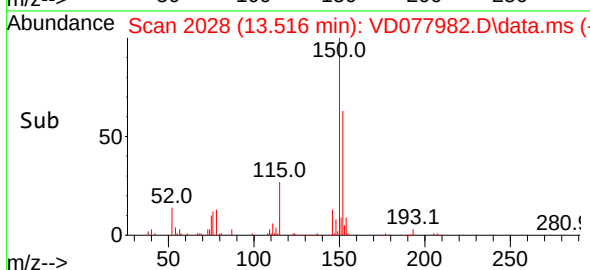
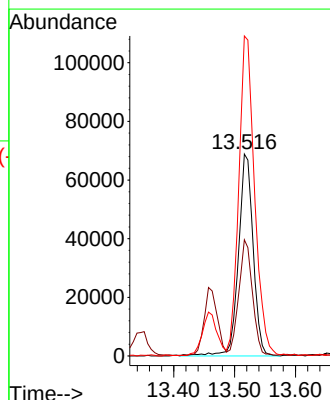
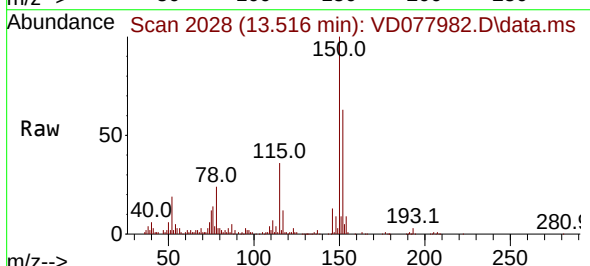
RT: 13.516 min Scan# 2028

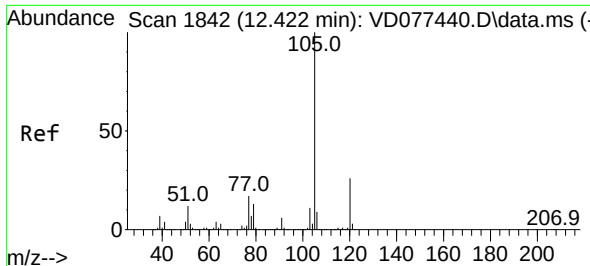
Delta R.T. 0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

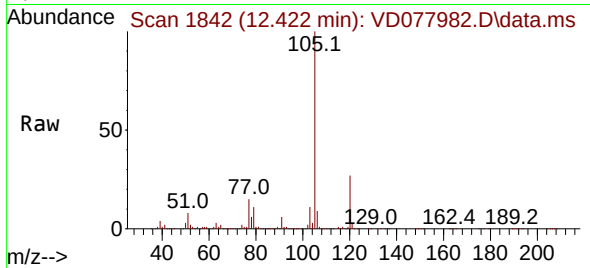
Tgt Ion:	152	Resp:	115347
Ion Ratio	Lower	Upper	
152	100		
115	52.9	27.1	81.3
150	169.7	0.0	353.6





#73
Isopropylbenzene
Concen: 52.892 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

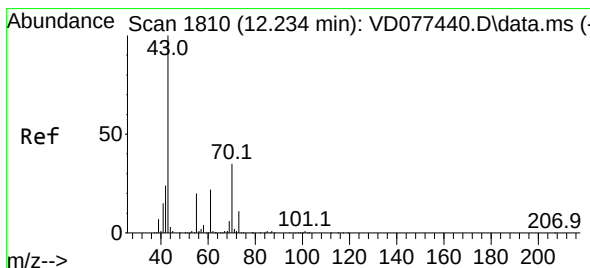
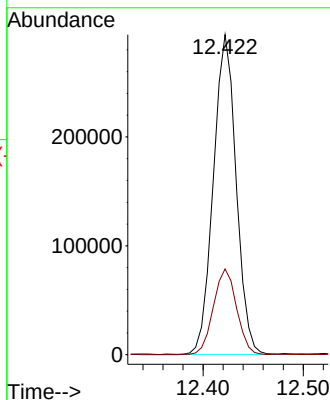
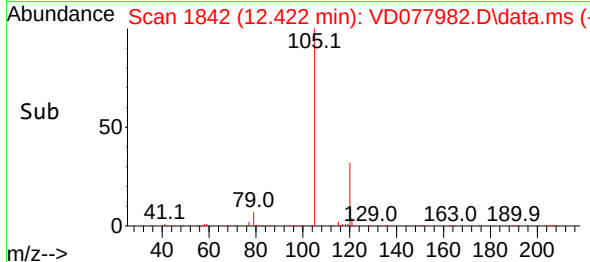
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



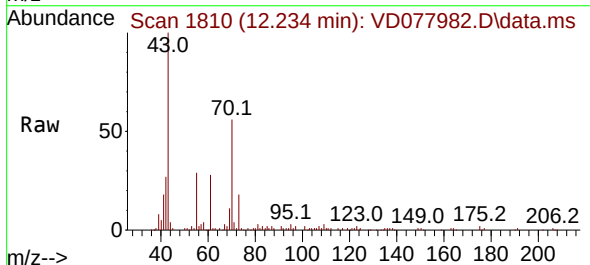
Tgt Ion:105 Resp: 462390
Ion Ratio Lower Upper
105 100
120 27.3 14.3 42.9

Manual Integrations
APPROVED

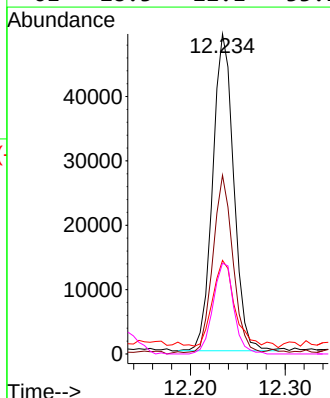
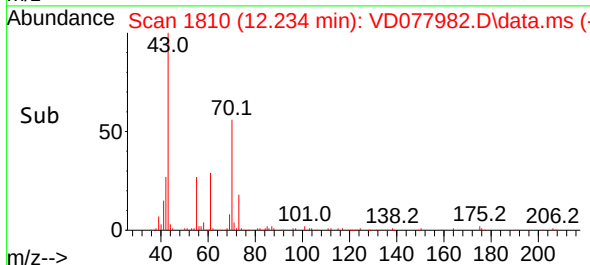
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

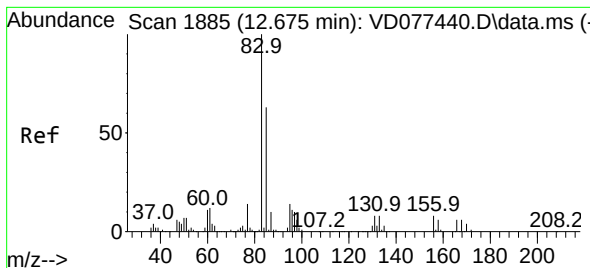


#74
N-ethyl acetate
Concen: 44.403 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



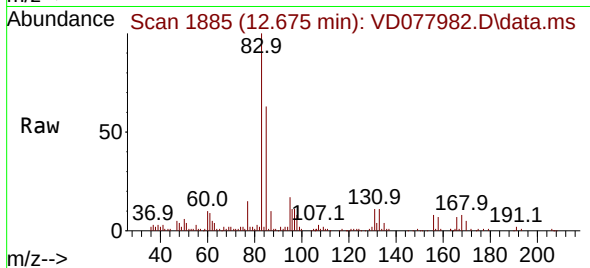
Tgt Ion: 43 Resp: 76305
Ion Ratio Lower Upper
43 100
70 54.6 45.0 67.4
55 29.5 23.8 35.6
61 28.3 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 53.943 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

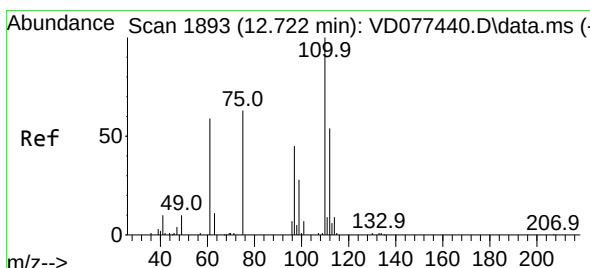
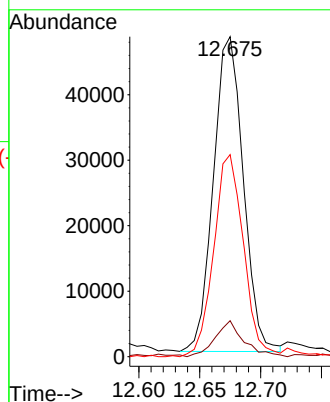
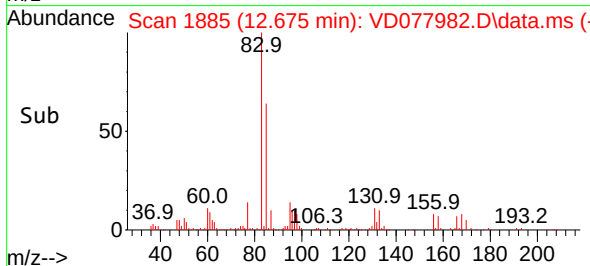
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



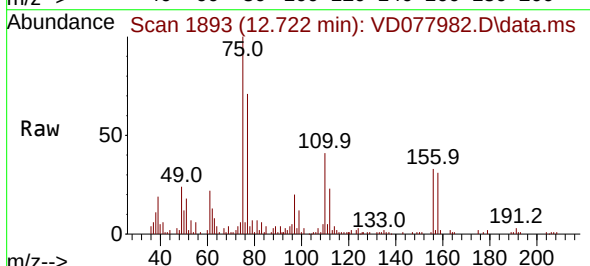
Tgt Ion: 83 Resp: 82220
Ion Ratio Lower Upper
83 100
131 10.8 5.1 15.3
85 63.7 32.6 97.8

Manual Integrations
APPROVED

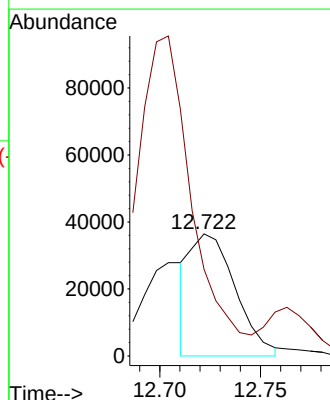
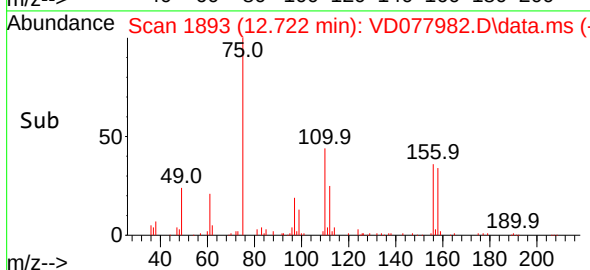
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

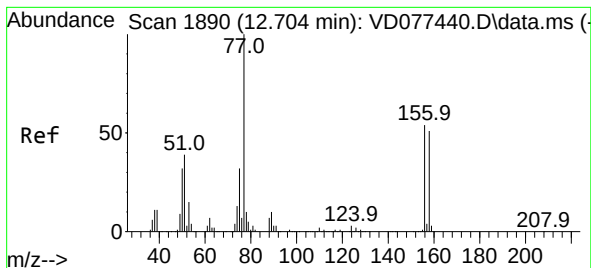


#76
1,2,3-Trichloropropane
Concen: 57.159 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



Tgt Ion: 75 Resp: 57262
Ion Ratio Lower Upper
75 100
77 316.6 0.0 0.0#





#77

Bromobenzene

Concen: 54.193 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

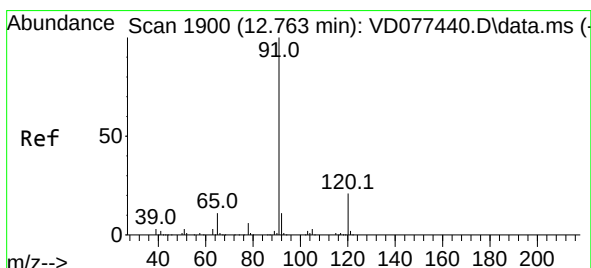
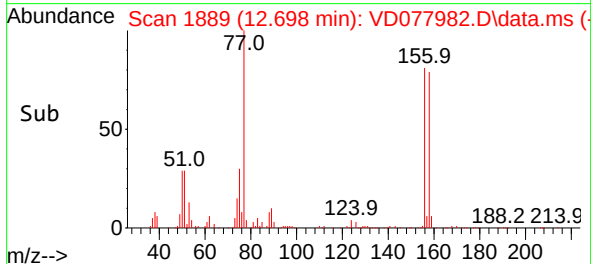
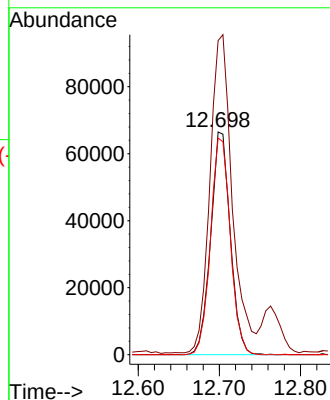
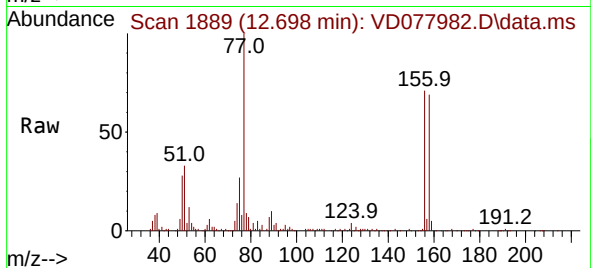
Tgt Ion:156 Resp: 111436

Ion	Ratio	Lower	Upper
156	100		
77	162.7	76.8	230.4
158	98.1	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#78

n-propylbenzene

Concen: 51.998 ug/l

RT: 12.763 min Scan# 1900

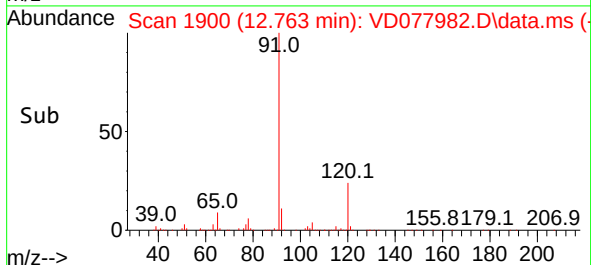
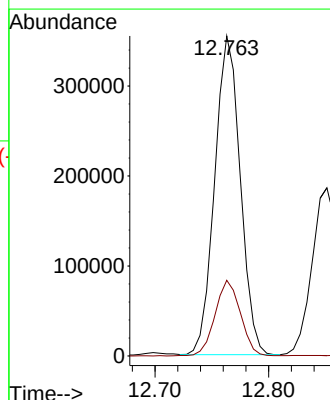
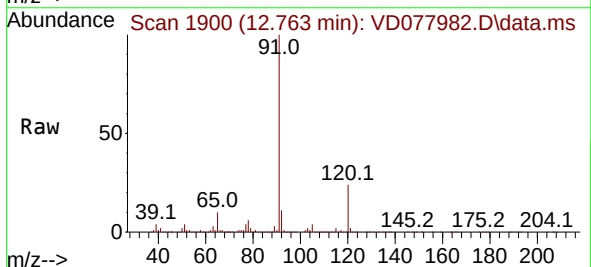
Delta R.T. 0.000 min

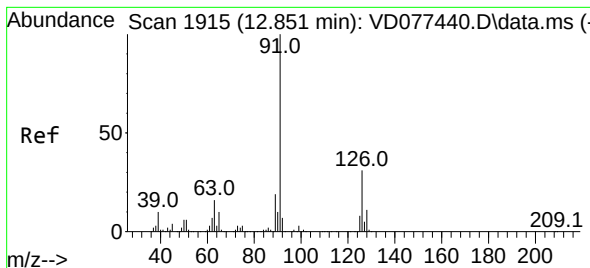
Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Tgt Ion: 91 Resp: 553925

Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.4	37.2





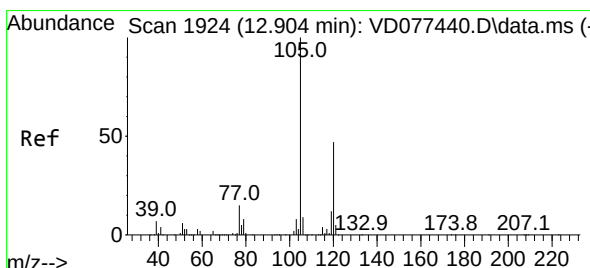
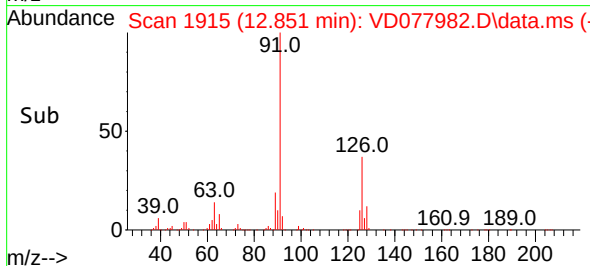
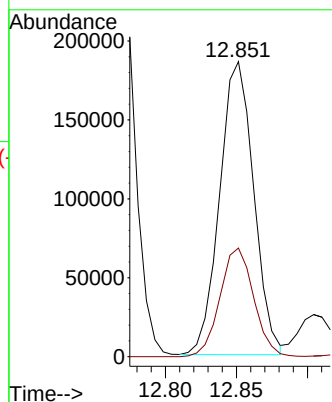
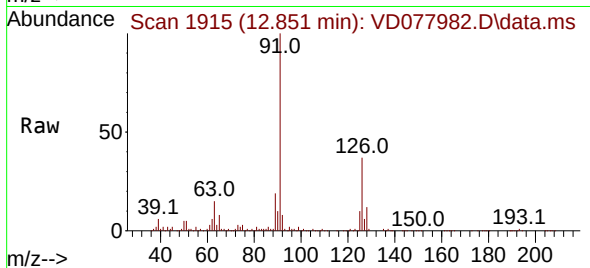
#79
2-Chlorotoluene
Concen: 54.260 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 30976
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1

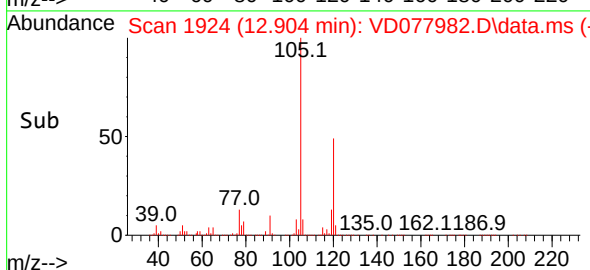
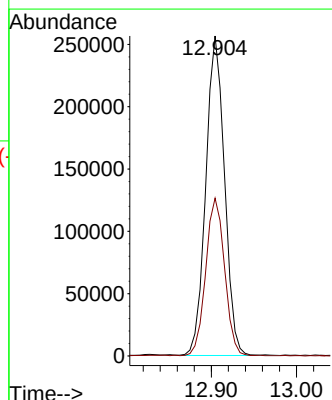
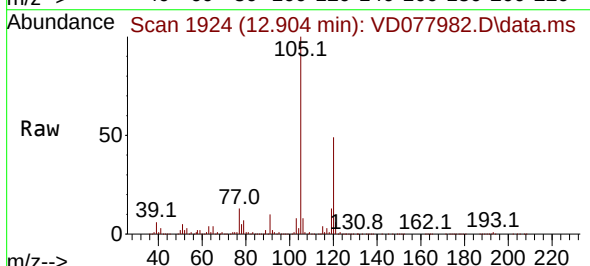
Manual Integrations
APPROVED

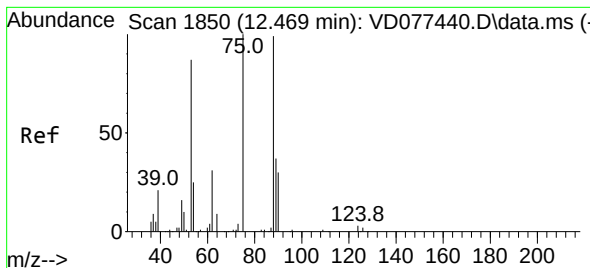
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.772 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Tgt Ion:105 Resp: 392073
Ion Ratio Lower Upper
105 100
120 49.5 26.4 79.2





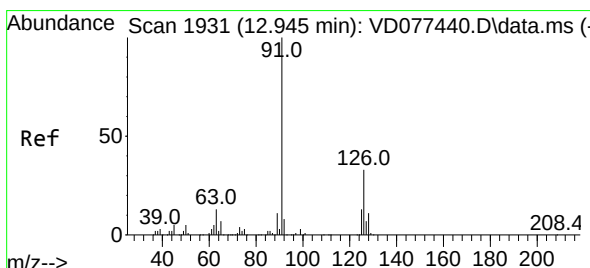
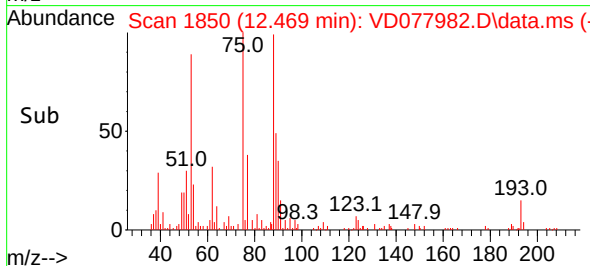
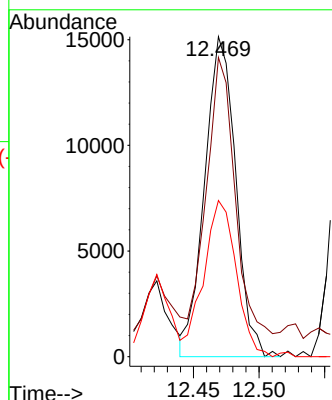
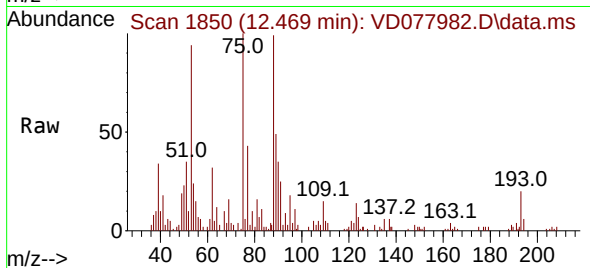
#81
trans-1,4-Dichloro-2-butene
Concen: 50.389 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 24915
Ion Ratio Lower Upper
75 100
53 83.3 63.0 94.4
89 51.3 37.9 56.9

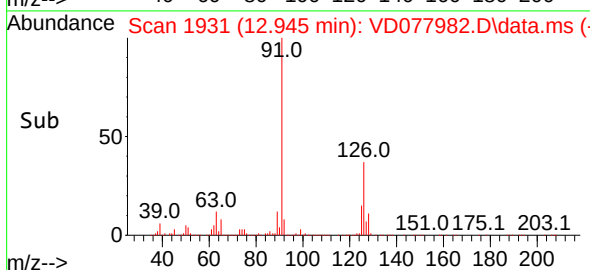
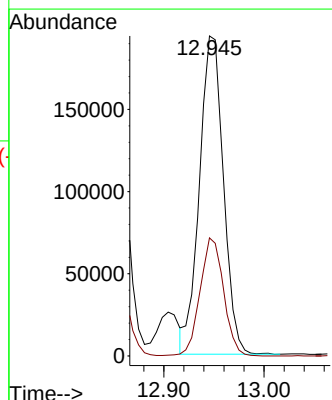
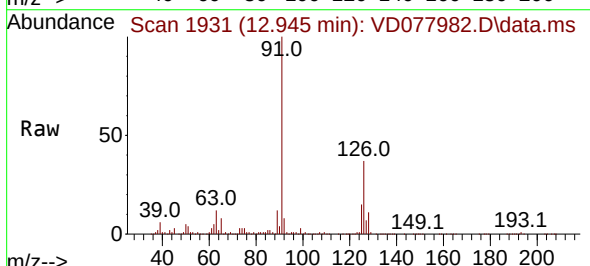
Manual Integrations
APPROVED

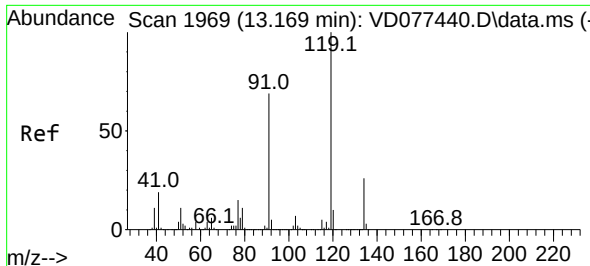
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#82
4-Chlorotoluene
Concen: 54.045 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

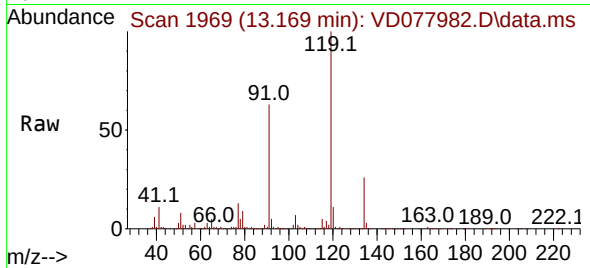
Tgt Ion: 91 Resp: 322554
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4





#83
tert-Butylbenzene
Concen: 55.459 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

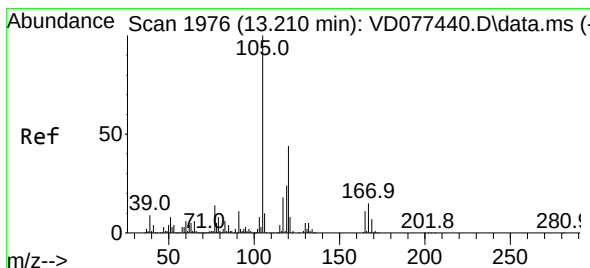
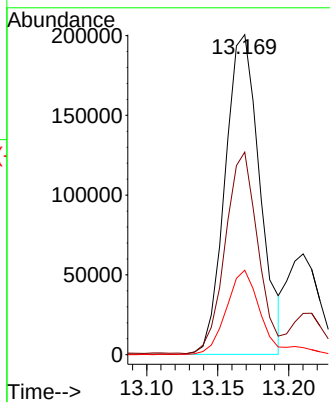
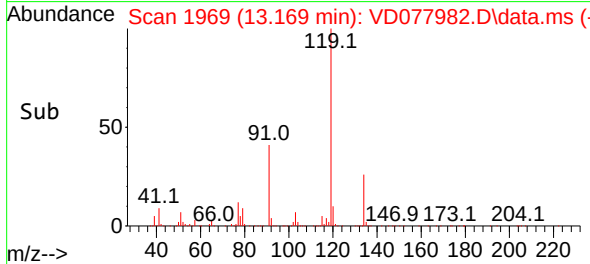
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



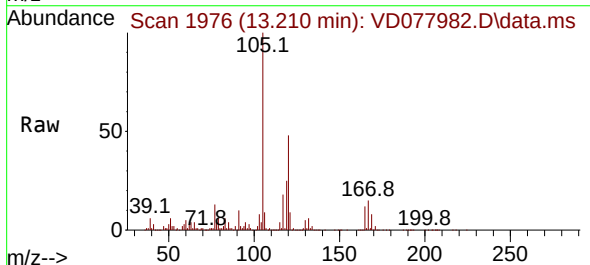
Tgt Ion:119 Resp: 34138
Ion Ratio Lower Upper
119 100
91 58.7 29.3 87.8
134 27.0 14.1 42.3

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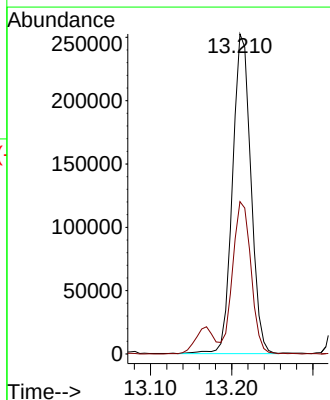
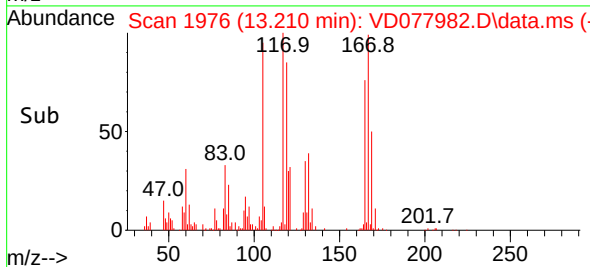
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

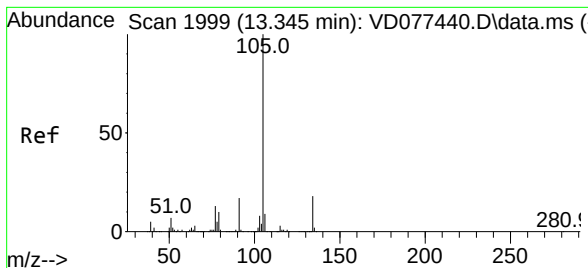


#84
1,2,4-Trimethylbenzene
Concen: 54.235 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



Tgt Ion:105 Resp: 395523
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 54.022 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 491544

Ion Ratio Lower Upper

105 100

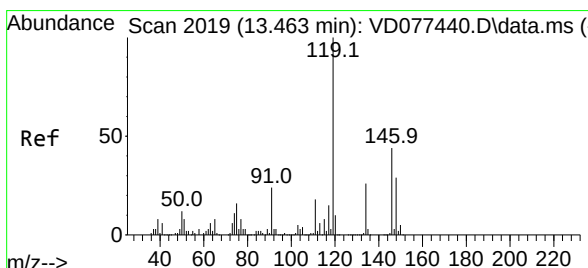
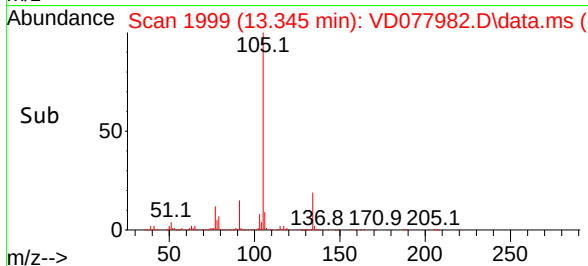
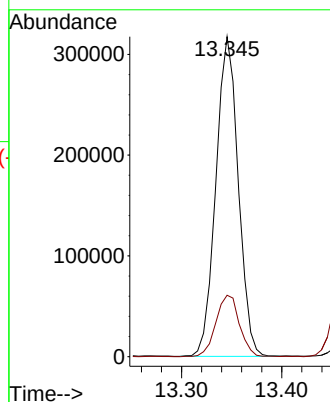
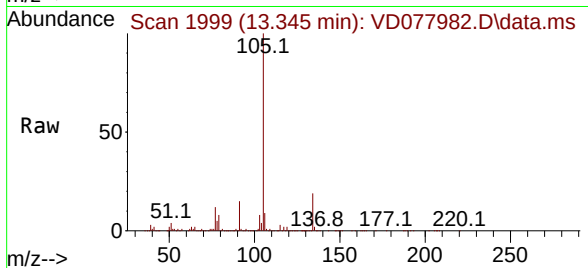
134 20.3 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#86

p-Isopropyltoluene

Concen: 54.788 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

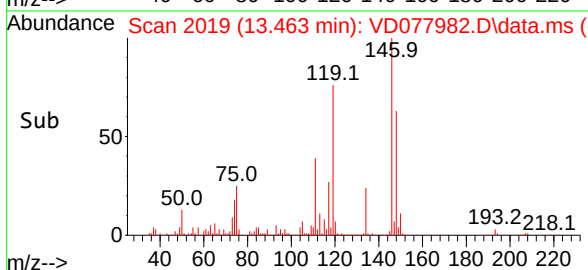
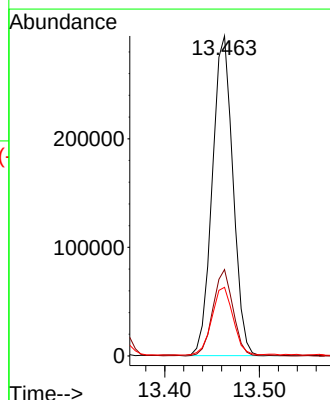
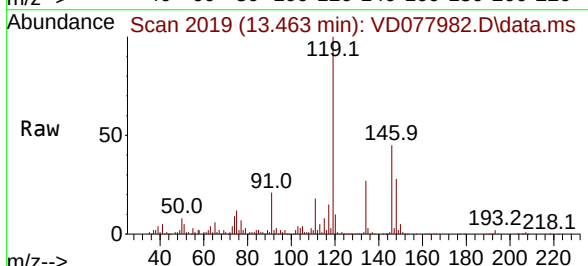
Tgt Ion:119 Resp: 446328

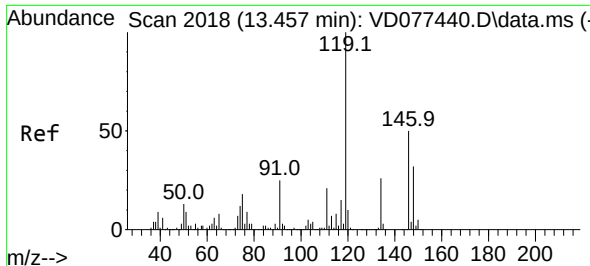
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 21.9 10.5 31.5





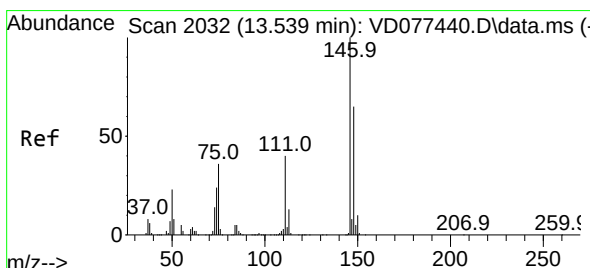
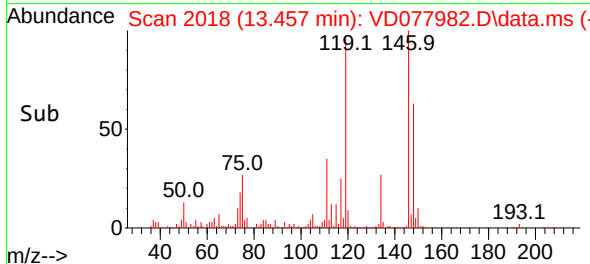
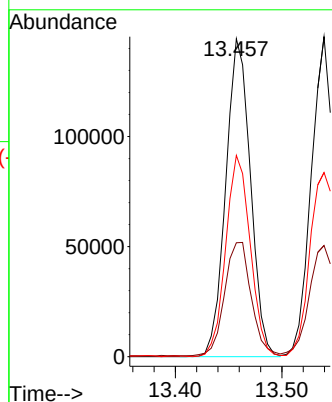
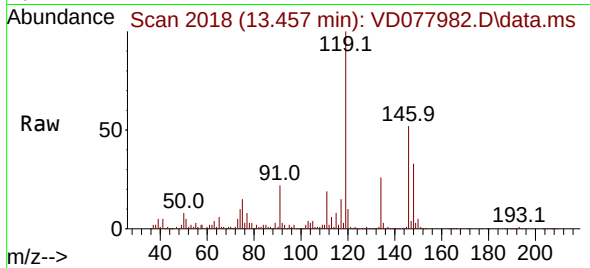
#87
1,3-Dichlorobenzene
Concen: 55.129 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 23182
Ion Ratio Lower Upper
146 100
111 38.3 17.9 53.8
148 63.2 32.3 96.8

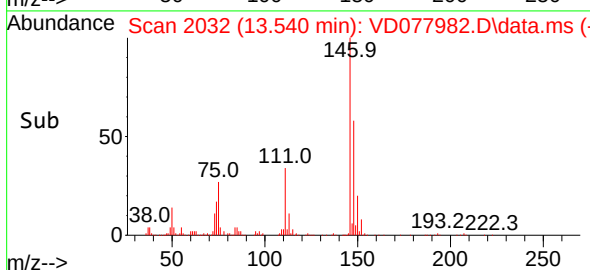
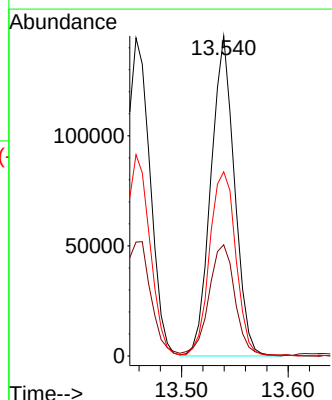
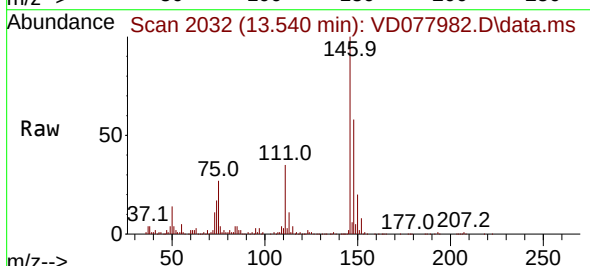
Manual Integrations
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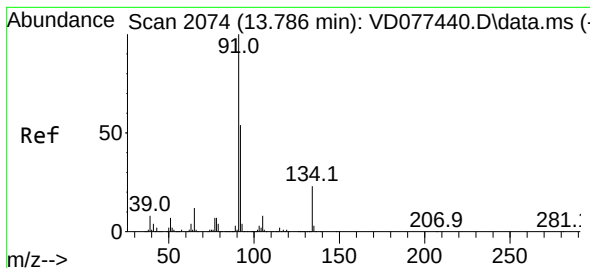
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#88
1,4-Dichlorobenzene
Concen: 53.400 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

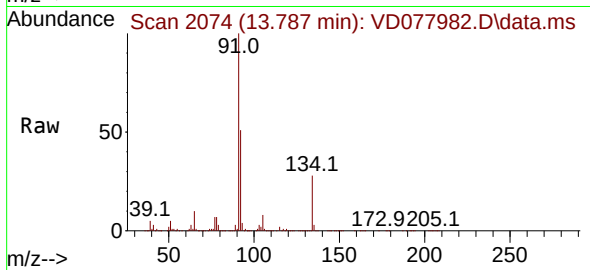
Tgt Ion:146 Resp: 223676
Ion Ratio Lower Upper
146 100
111 37.8 17.4 52.3
148 64.2 31.7 95.1





#89
n-Butylbenzene
Concen: 53.244 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

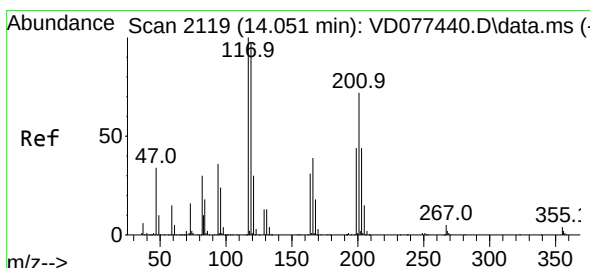
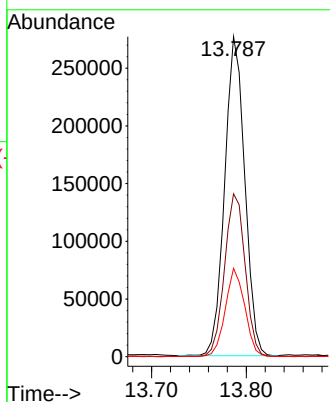
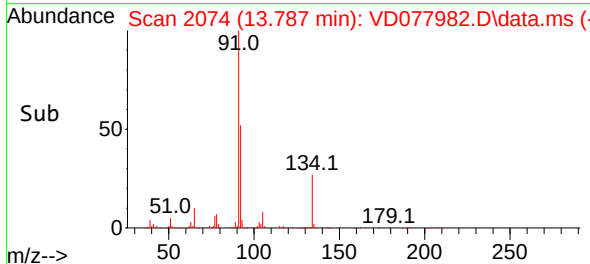
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 40814
Ion Ratio Lower Upper
91 100
92 52.2 26.5 79.5
134 27.0 13.8 41.3

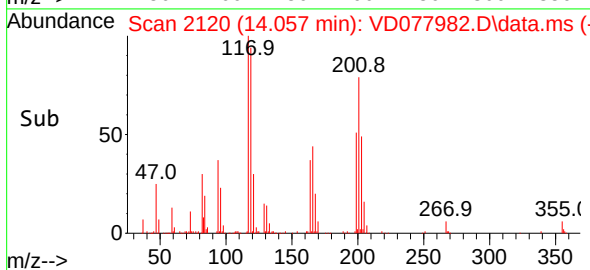
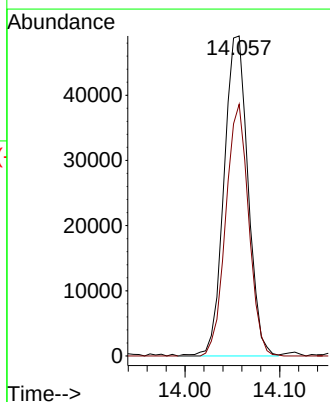
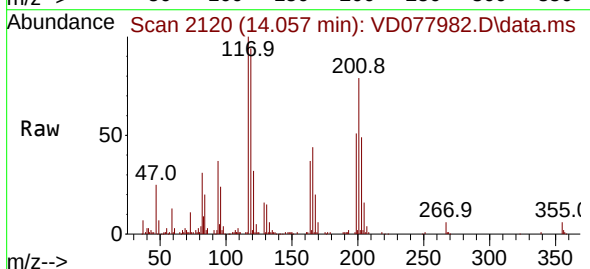
Manual Integrations
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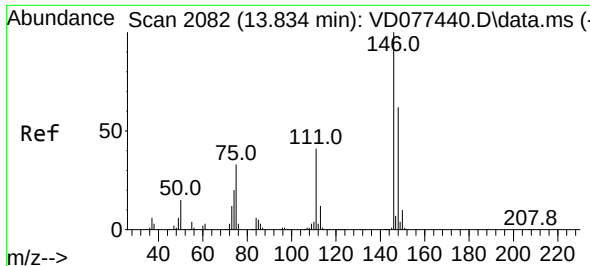
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#90
Hexachloroethane
Concen: 57.693 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

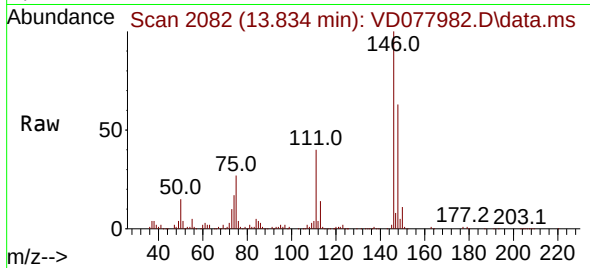
Tgt Ion:117 Resp: 86435
Ion Ratio Lower Upper
117 100
201 75.1 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 54.949 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

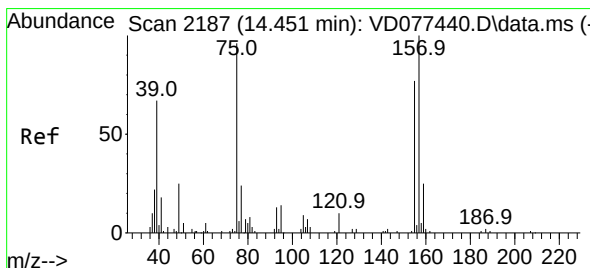
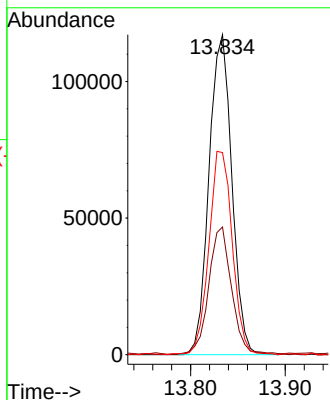
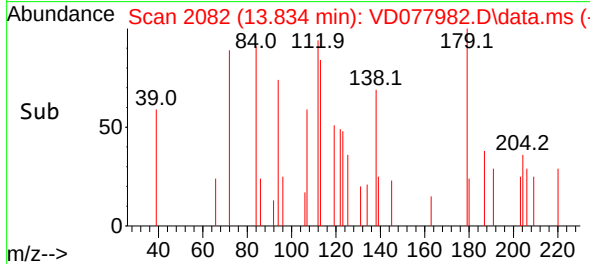
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 196510
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 65.2 31.6 94.7

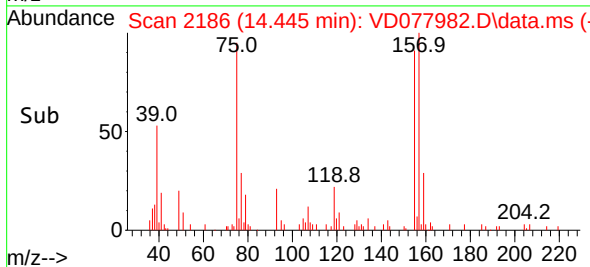
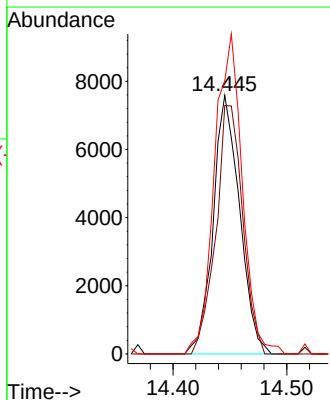
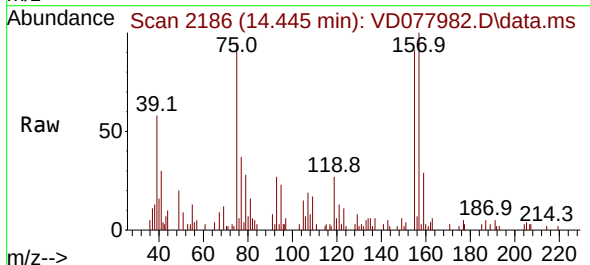
Manual Integrations
APPROVED

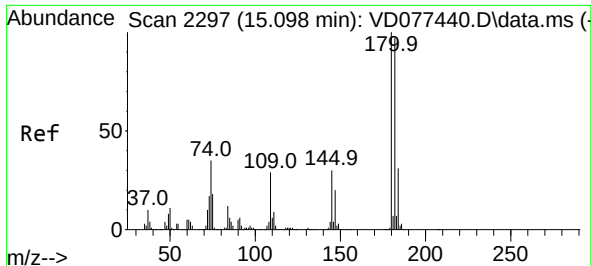
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.795 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

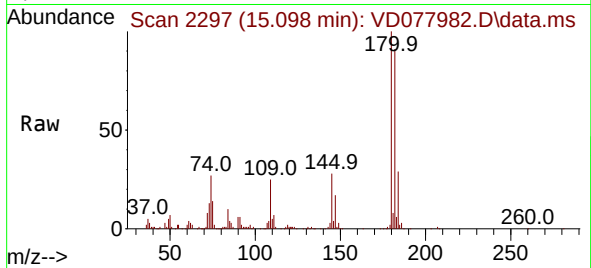
Tgt Ion: 75 Resp: 12295
Ion Ratio Lower Upper
75 100
155 97.1 47.9 143.8
157 129.4 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 54.423 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53

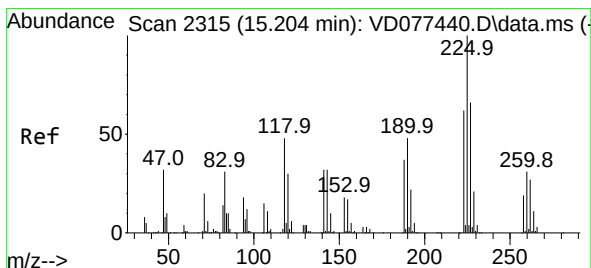
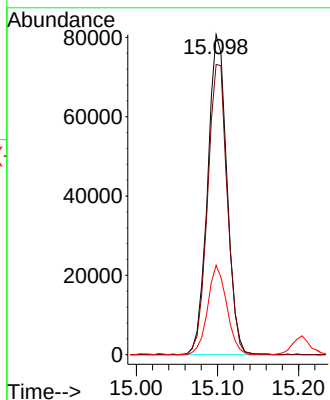
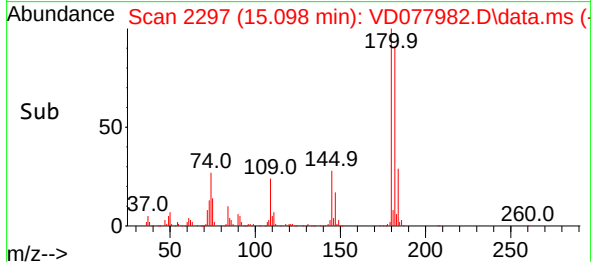
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



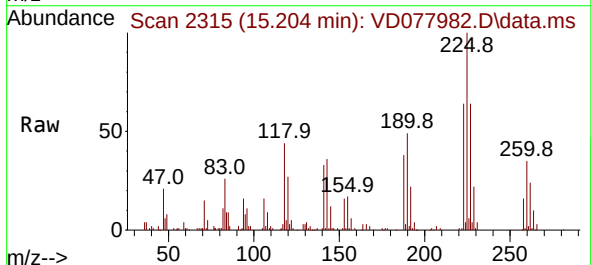
Tgt Ion:180 Resp: 13294
Ion Ratio Lower Upper
180 100
182 92.7 48.5 145.6
145 27.6 14.2 42.6

Manual Integrations
APPROVED

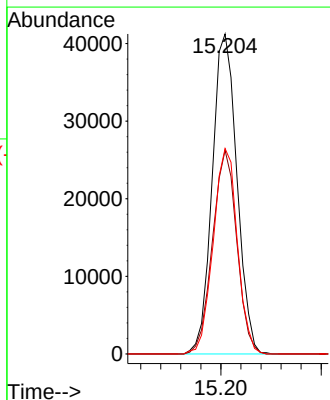
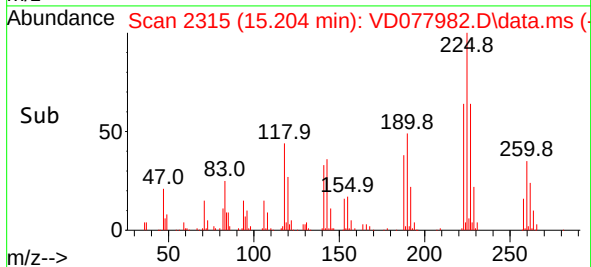
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

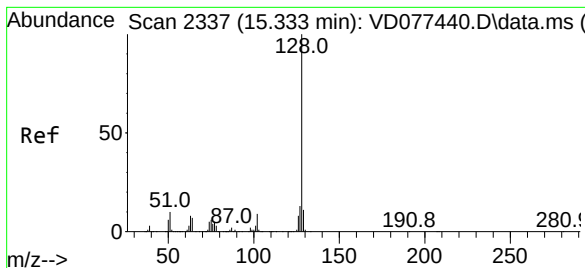


#94
Hexachlorobutadiene
Concen: 53.485 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077982.D
Acq: 19 Dec 2023 18:53



Tgt Ion:225 Resp: 70455
Ion Ratio Lower Upper
225 100
223 62.6 31.6 94.8
227 62.8 31.7 95.1





#95

Naphthalene

Concen: 60.871 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 24706

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

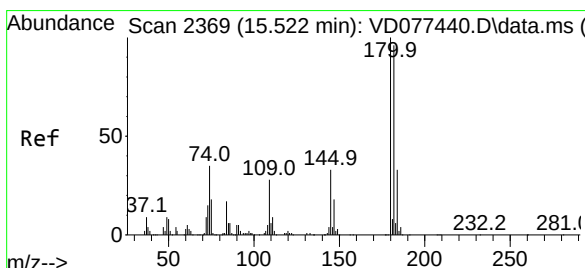
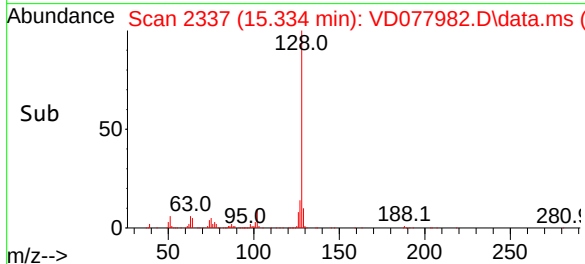
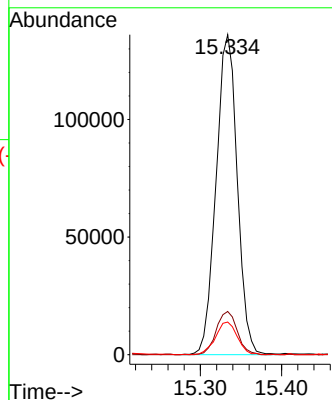
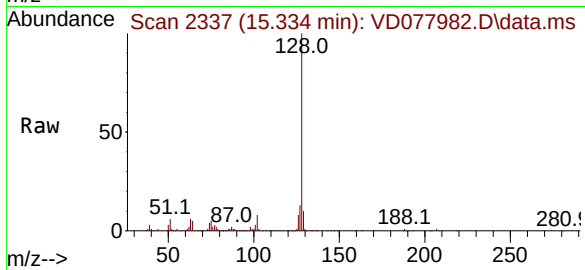
129 10.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#96

1,2,3-Trichlorobenzene

Concen: 56.746 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077982.D

Acq: 19 Dec 2023 18:53

Tgt Ion:180 Resp: 114282

Ion Ratio Lower Upper

180 100

182 92.2 47.3 141.9

145 30.1 15.1 45.3

