

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078037.D
 Acq On : 21 Dec 2023 20:16
 Operator : RP/MD
 Sample : VSTDCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 22 05:37:39 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	111982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	178237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64098	48.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.160%
35) Dibromofluoromethane	7.810	113	71841	53.257	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.269	98	271677	50.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.575	95	84456	52.286	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	53543	38.277	ug/l	100
3) Chloromethane	2.152	50	90301	47.360	ug/l	97
4) Vinyl Chloride	2.287	62	128668	49.708	ug/l	99
5) Bromomethane	2.699	94	101343	69.774	ug/l	98
6) Chloroethane	2.846	64	95423	54.072	ug/l	95
7) Trichlorofluoromethane	3.181	101	109377	45.880	ug/l	98
8) Diethyl Ether	3.599	74	32505	48.557	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	63065	46.241	ug/l	97
10) Methyl Iodide	4.169	142	77843	63.085	ug/l	93
11) Tert butyl alcohol	5.052	59	13511	210.859	ug/l	98
12) 1,1-Dichloroethene	3.946	96	64316	47.781	ug/l	84
13) Acrolein	3.793	56	18898	135.388	ug/l	99
14) Allyl chloride	4.569	41	84632	45.715	ug/l	91
15) Acrylonitrile	5.258	53	69708	243.209	ug/l	98
16) Acetone	4.016	43	57329	193.955	ug/l	95
17) Carbon Disulfide	4.275	76	179572	39.432	ug/l	99
18) Methyl Acetate	4.564	43	56560	54.426	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	146483	51.292	ug/l	98
20) Methylene Chloride	4.805	84	82702	53.236	ug/l #	89
21) trans-1,2-Dichloroethene	5.316	96	77059	50.543	ug/l	93
22) Diisopropyl ether	6.222	45	188850	48.815	ug/l	97
23) Vinyl Acetate	6.158	43	328994	174.141	ug/l	94
24) 1,1-Dichloroethane	6.116	63	137254	52.389	ug/l	94
25) 2-Butanone	7.087	43	77178	210.395	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	109123	49.609	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	89158	54.347	ug/l	93
28) Bromochloromethane	7.428	49	58894	55.632	ug/l	83
29) Tetrahydrofuran	7.446	42	46581	221.682	ug/l	91
30) Chloroform	7.599	83	140283	53.501	ug/l	99
31) Cyclohexane	7.881	56	91739	39.087	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	118275	51.168	ug/l	99
36) 1,1-Dichloropropene	8.010	75	101500	47.040	ug/l	97
37) Ethyl Acetate	7.169	43	31680	37.654	ug/l #	91
38) Carbon Tetrachloride	7.993	117	103309	48.026	ug/l	98
39) Methylcyclohexane	9.275	83	112001	43.785	ug/l	96
40) Benzene	8.252	78	307328	50.183	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	23848	55.769	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	80531	50.730	ug/l	97
43) Isopropyl Acetate	8.363	43	63685	42.582	ug/l	95
44) Trichloroethene	9.028	130	82971	51.989	ug/l	98
45) 1,2-Dichloropropane	9.304	63	77000	51.721	ug/l	93
46) Dibromomethane	9.399	93	40733	51.710	ug/l	94
47) Bromodichloromethane	9.587	83	107721	53.952	ug/l #	96
48) Methyl methacrylate	9.381	41	36273	42.665	ug/l #	83
49) 1,4-Dioxane	9.393	88	7090	906.443	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	170132	222.891	ug/l	93
52) Toluene	10.334	92	198120	52.153	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	98945	51.606	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	119919	51.731	ug/l #	94
55) 1,1,2-Trichloroethane	10.728	97	58932	54.695	ug/l	93
56) Ethyl methacrylate	10.598	69	47062	49.548	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	97485	52.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	117862	217.593	ug/l	95
59) 2-Hexanone	10.922	43	118408	186.980	ug/l	91
60) Dibromochloromethane	11.075	129	71172	54.864	ug/l	95
61) 1,2-Dibromoethane	11.181	107	53074	52.328	ug/l	99
64) Tetrachloroethene	10.810	164	67014	51.155	ug/l	93
65) Chlorobenzene	11.604	112	214267	51.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	80606	54.384	ug/l	96
67) Ethyl Benzene	11.687	91	386825	52.129	ug/l	93
68) m/p-Xylenes	11.793	106	298995	105.339	ug/l	91
69) o-Xylene	12.122	106	139562	53.351	ug/l	93
70) Styrene	12.134	104	214873	55.241	ug/l	96
71) Bromoform	12.298	173	41404	53.463	ug/l #	99
73) Isopropylbenzene	12.422	105	373596	51.418	ug/l	97
74) N-amyl acetate	12.234	43	58560	41.001	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	63688	50.271	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	78924	94.792	ug/l #	100
77) Bromobenzene	12.704	156	87647	51.285	ug/l	94
78) n-propylbenzene	12.763	91	450519	50.885	ug/l	96
79) 2-Chlorotoluene	12.851	91	241520	50.903	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	314460	51.892	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	19545	47.561	ug/l	97
82) 4-Chlorotoluene	12.945	91	260981	52.614	ug/l	95
83) tert-Butylbenzene	13.169	119	272557	53.276	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	322088	53.140	ug/l	95
85) sec-Butylbenzene	13.345	105	396604	52.445	ug/l	96
86) p-Isopropyltoluene	13.463	119	358314	52.922	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	183154	52.406	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	179273	51.437	ug/l	99
89) n-Butylbenzene	13.787	91	327588	51.419	ug/l	99
90) Hexachloroethane	14.057	117	69640	55.928	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	156107	52.520	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8841	48.139	ug/l	99
93) 1,2,4-Trichlorobenzene	15.092	180	93585	46.095	ug/l	99
94) Hexachlorobutadiene	15.198	225	51326	46.881	ug/l	96
95) Naphthalene	15.334	128	168752	50.026	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	81758	48.846	ug/l	98

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QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

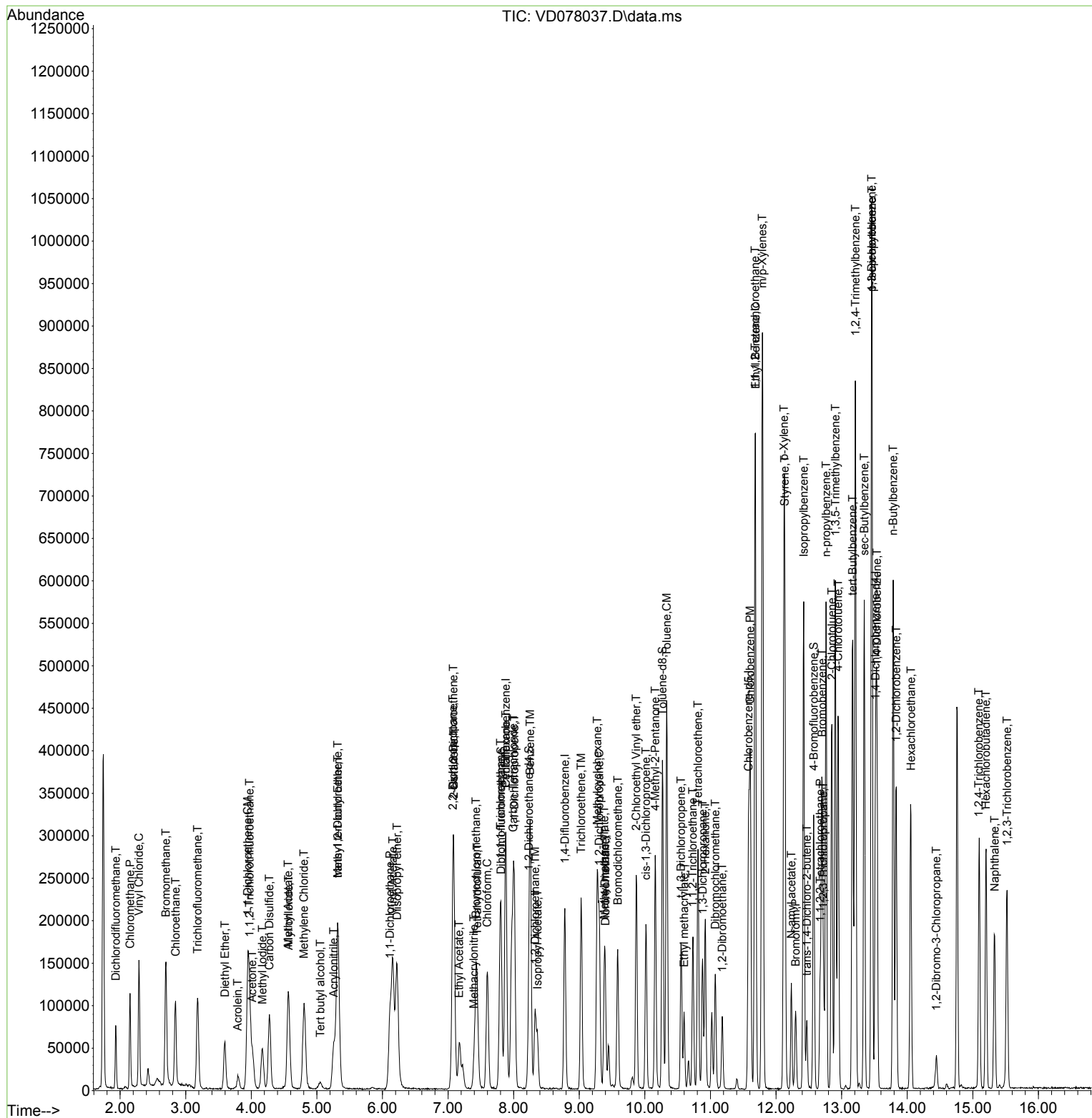
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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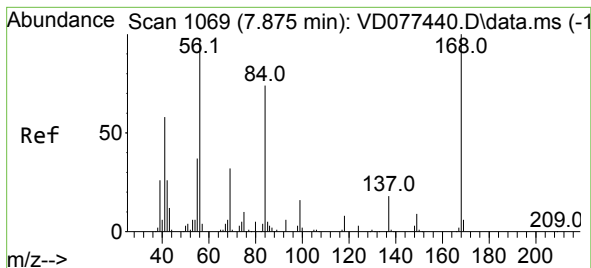
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078037.D

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Instrument :

MSVOA_D

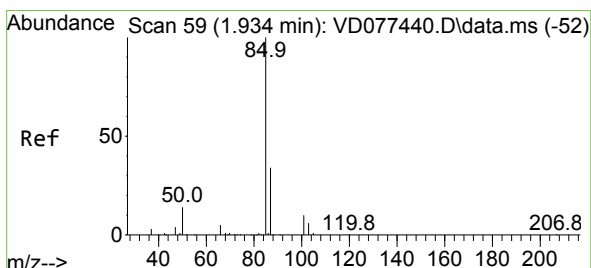
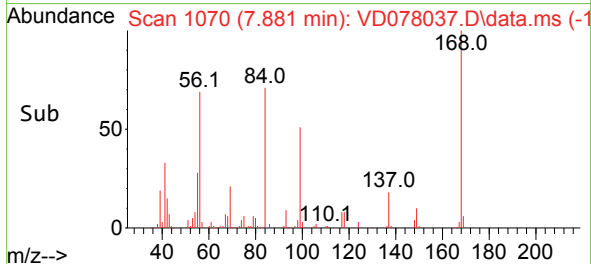
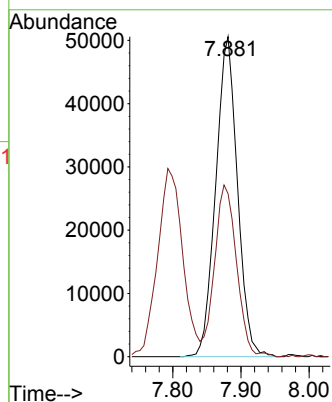
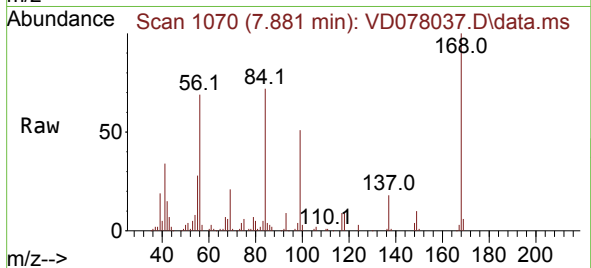
ClientSampleId :

Tgt Ion:168 Resp: 111982

Ion Ratio Lower Upper

168 100

99 50.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 38.277 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078037.D

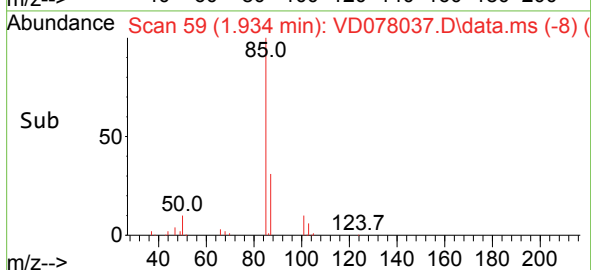
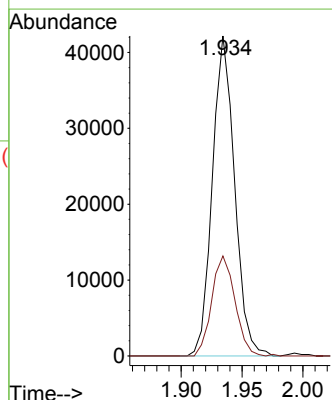
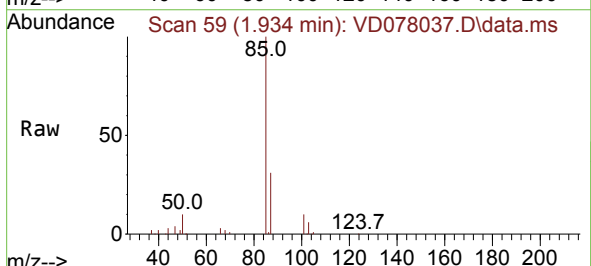
Acq: 21 Dec 2023 20:16

Tgt Ion: 85 Resp: 53543

Ion Ratio Lower Upper

85 100

87 31.3 15.7 47.0

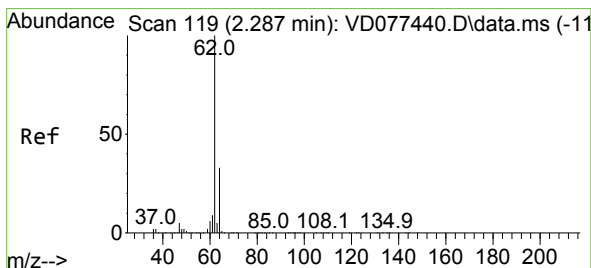
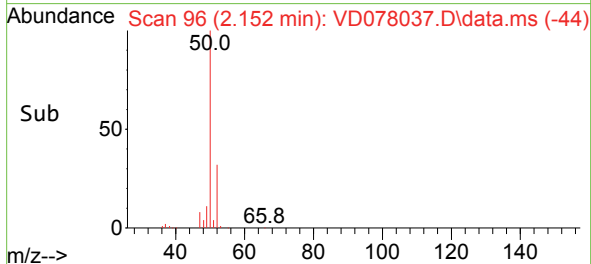
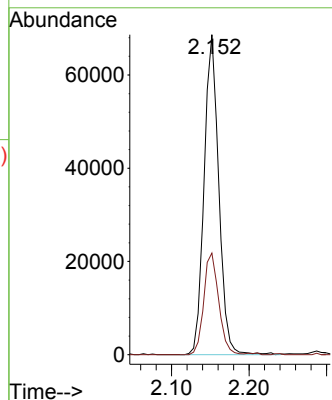
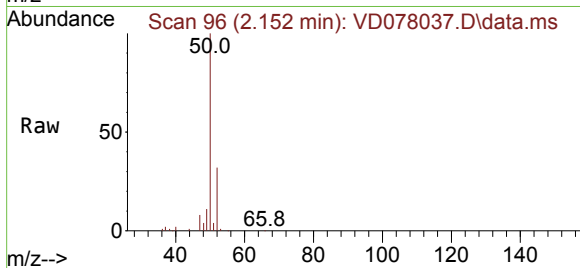




#3
Chloromethane
Concen: 47.360 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

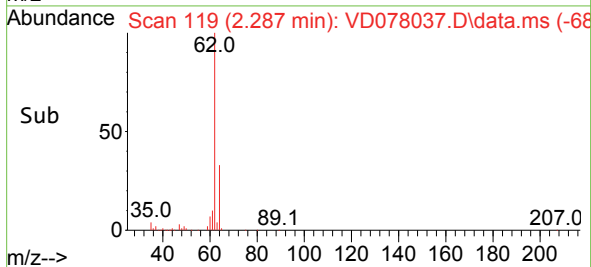
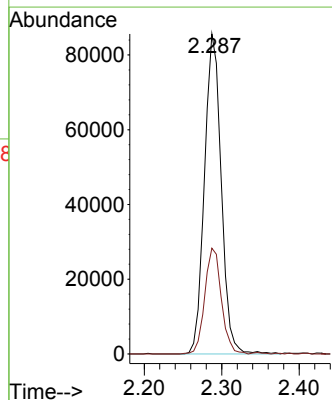
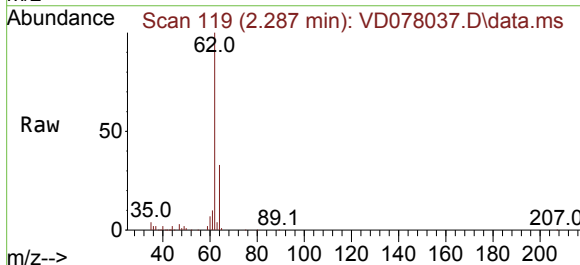
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 90301
Ion Ratio Lower Upper
50 100
52 31.8 26.6 40.0



#4
Vinyl Chloride
Concen: 49.708 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 62 Resp: 128668
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

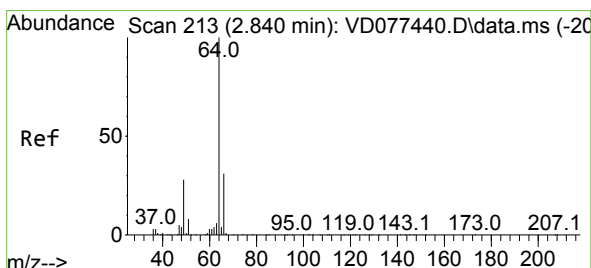
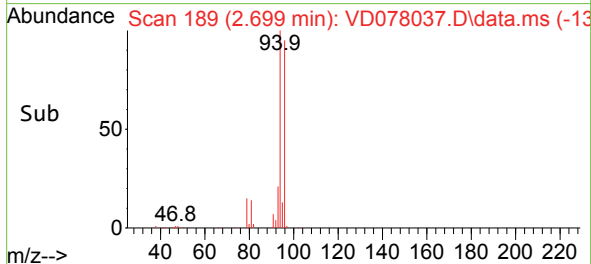
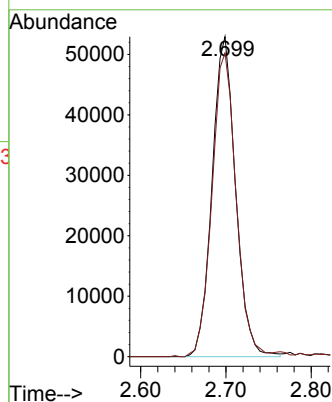
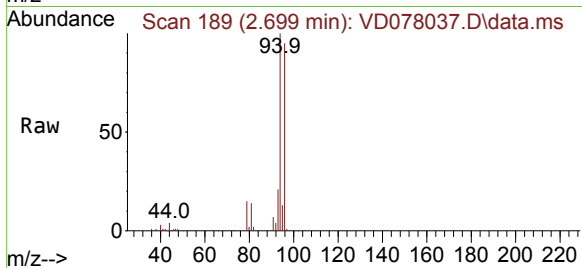




#5
Bromomethane
Concen: 69.774 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

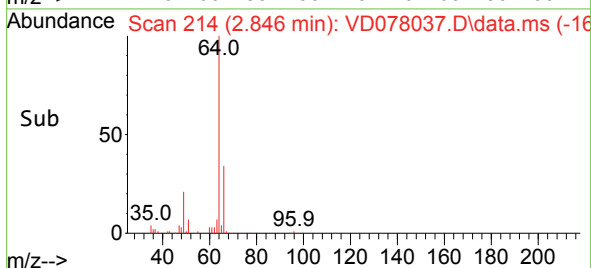
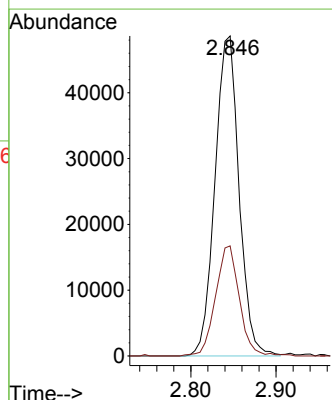
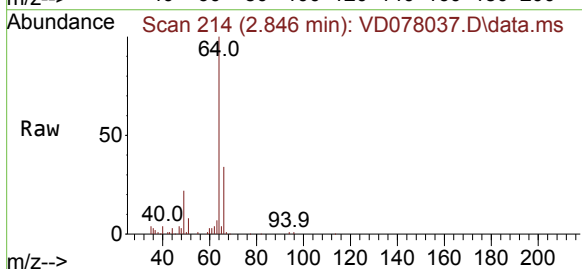
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MSVOA_D
ClientSampleId :

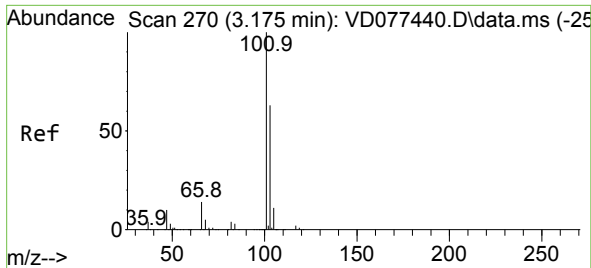
Tgt Ion: 94 Resp: 101343
Ion Ratio Lower Upper
94 100
96 97.1 75.8 113.8



#6
Chloroethane
Concen: 54.072 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 64 Resp: 95423
Ion Ratio Lower Upper
64 100
66 34.4 25.5 38.3

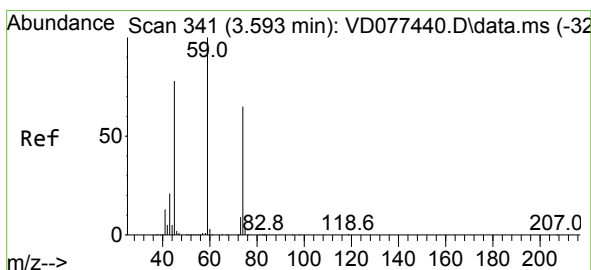
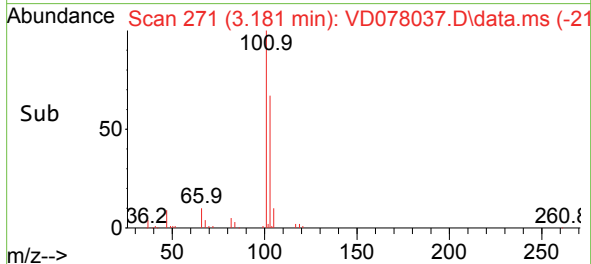
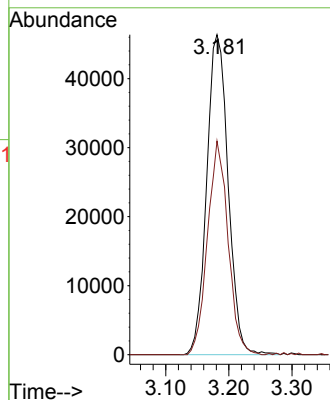
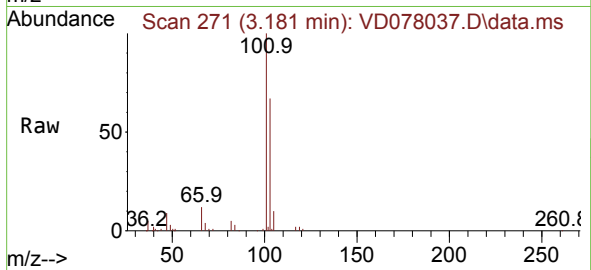




#7
Trichlorofluoromethane
Concen: 45.880 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

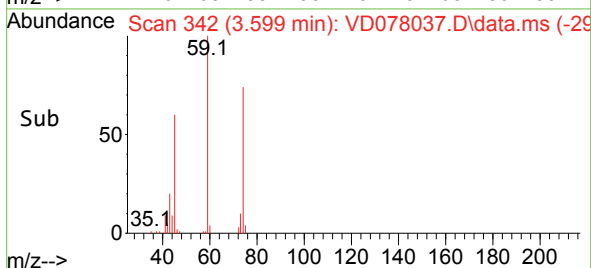
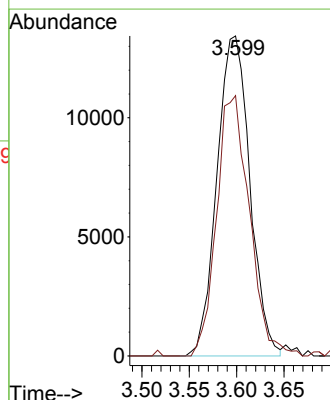
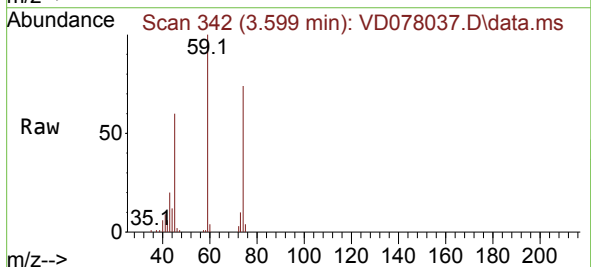
Instrument :
MSVOA_D
ClientSampleId :

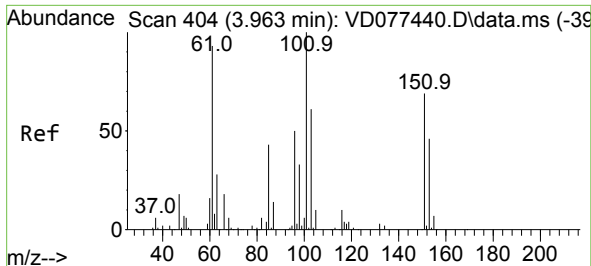
Tgt Ion:101 Resp: 109377
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5



#8
Diethyl Ether
Concen: 48.557 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 74 Resp: 32505
Ion Ratio Lower Upper
74 100
45 81.3 37.5 112.7

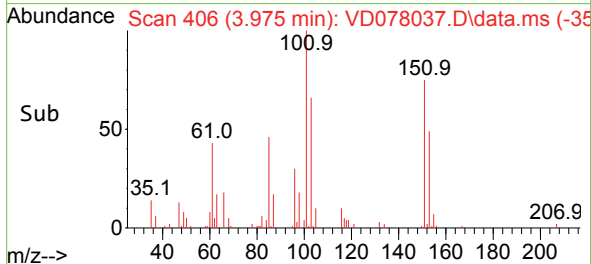
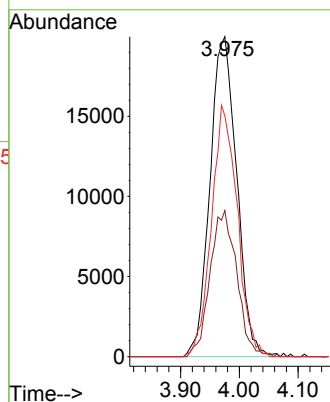
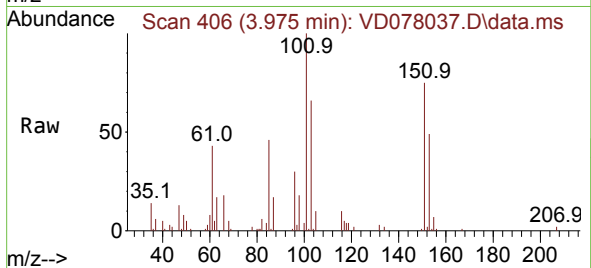




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.241 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD078037.D
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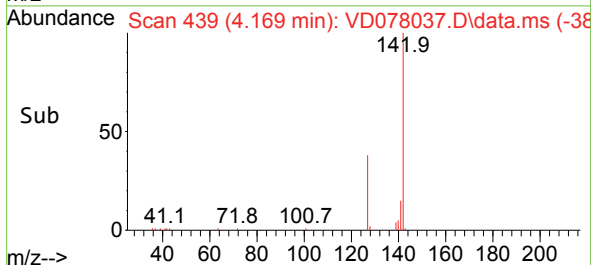
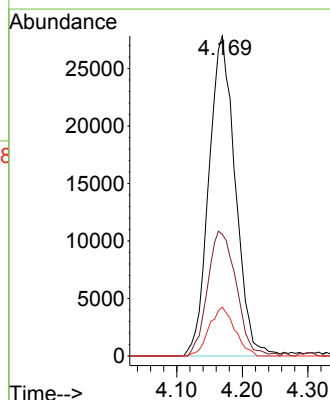
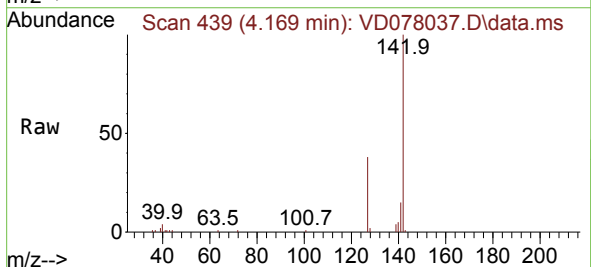
Instrument :
MSVOA_D
ClientSampleId :

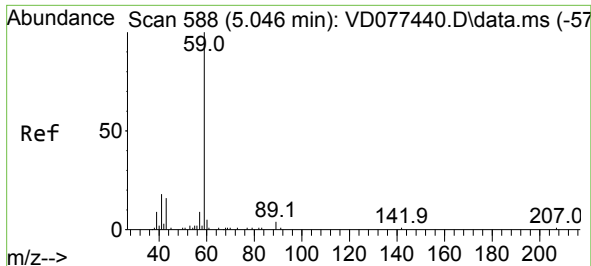
Tgt Ion:101 Resp: 63065
Ion Ratio Lower Upper
101 100
85 45.9 33.8 50.6
151 75.8 59.8 89.6



#10
Methyl Iodide
Concen: 63.085 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion:142 Resp: 77843
Ion Ratio Lower Upper
142 100
127 42.3 29.4 44.0
141 14.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 210.859 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

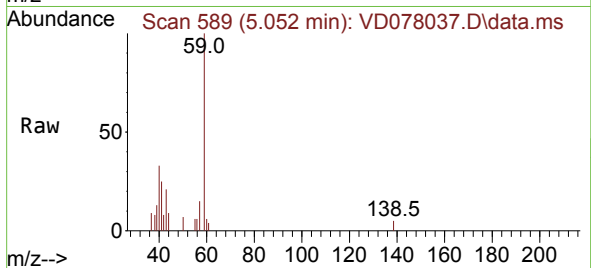
Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

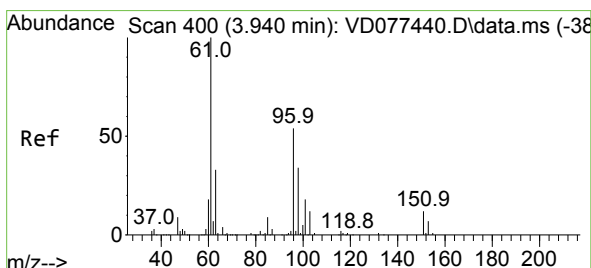
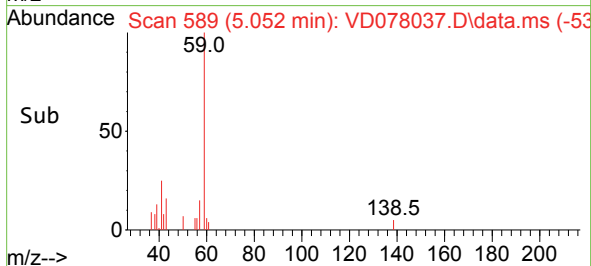
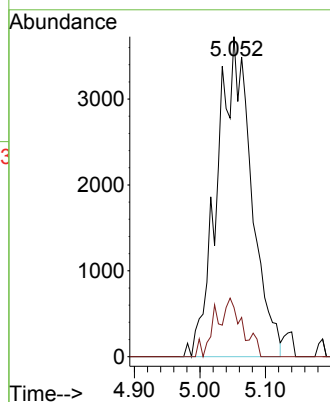


Tgt Ion: 59 Resp: 13511

Ion Ratio Lower Upper

59 100

57 9.2 7.8 11.8



#12

1,1-Dichloroethene

Concen: 47.781 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

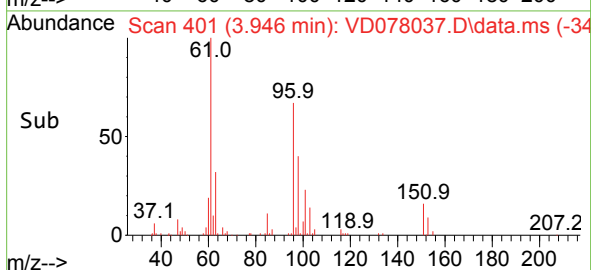
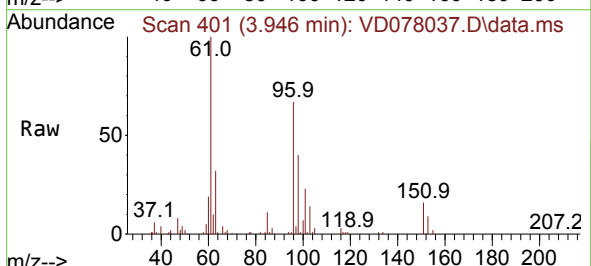
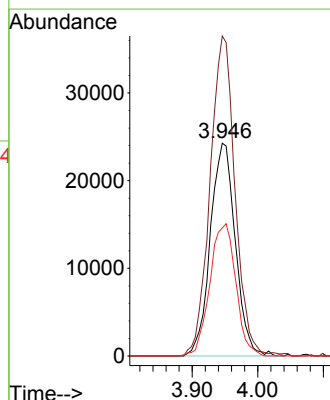
Tgt Ion: 96 Resp: 64316

Ion Ratio Lower Upper

96 100

61 150.3 100.6 150.8

98 60.1 50.2 75.2

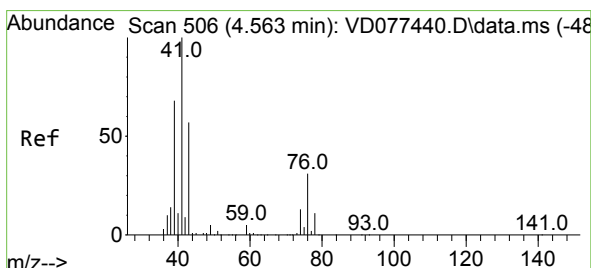
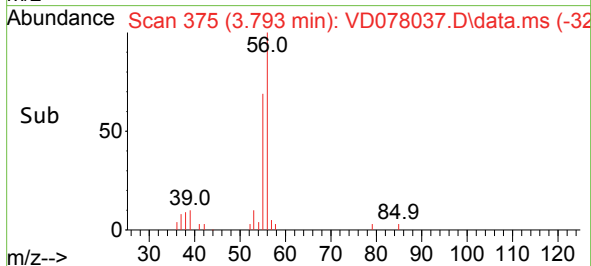
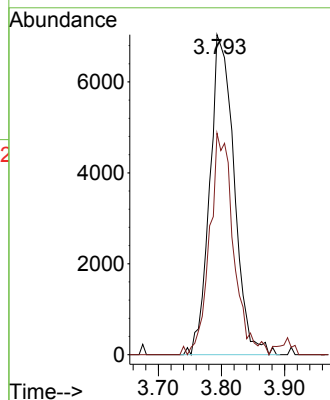
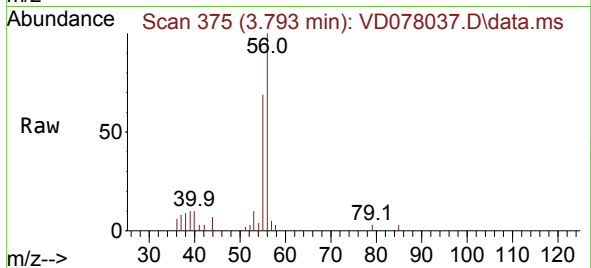




#13
Acrolein
Concen: 135.388 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

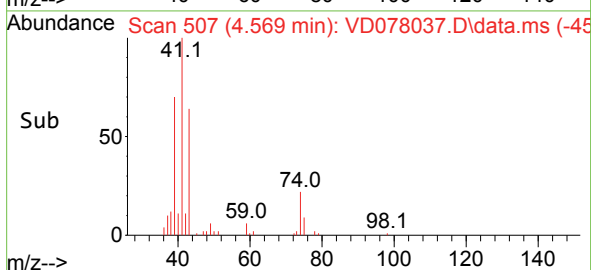
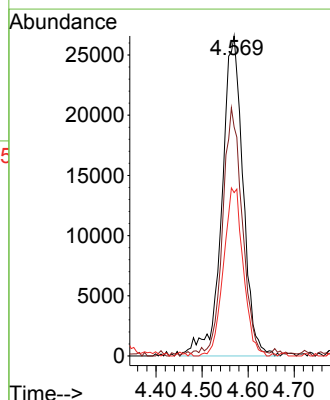
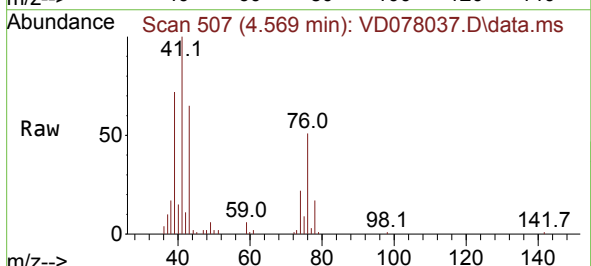
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 18898
Ion Ratio Lower Upper
56 100
55 67.8 55.1 82.7



#14
Allyl chloride
Concen: 45.715 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

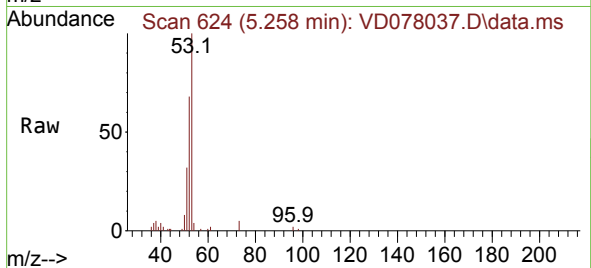
Tgt Ion: 41 Resp: 84632
Ion Ratio Lower Upper
41 100
39 73.1 53.8 80.6
76 49.1 45.8 68.8



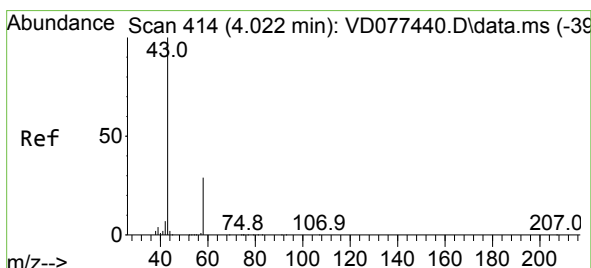
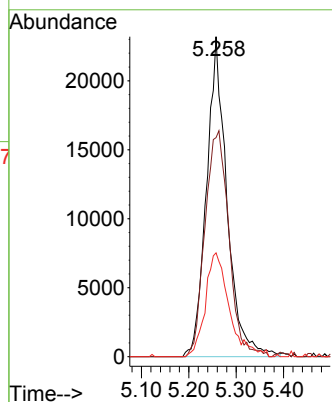
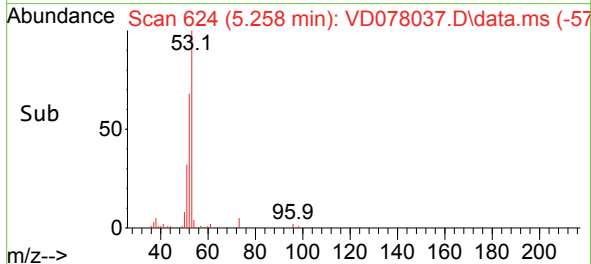


#15
Acrylonitrile
Concen: 243.209 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Instrument :
MSVOA_D
ClientSampleId :

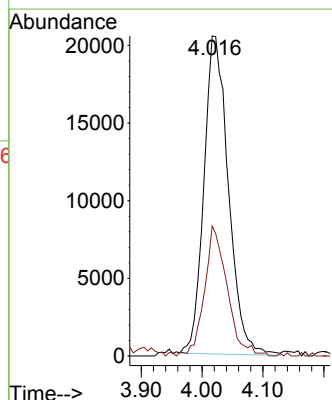
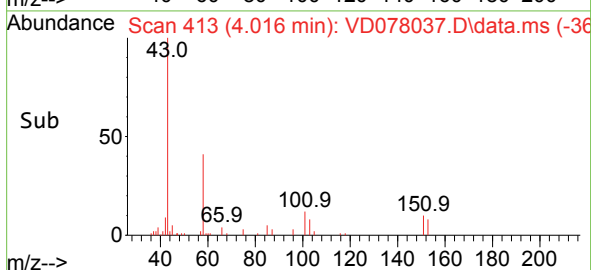
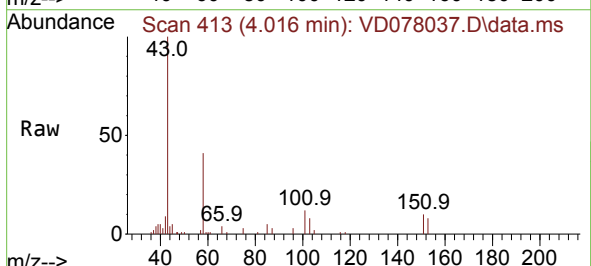


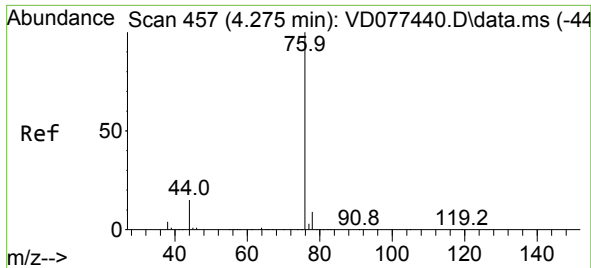
Tgt Ion: 53 Resp: 69708
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.4
51 37.8 28.3 42.5



#16
Acetone
Concen: 193.955 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 43 Resp: 57329
Ion Ratio Lower Upper
43 100
58 40.1 34.7 52.1

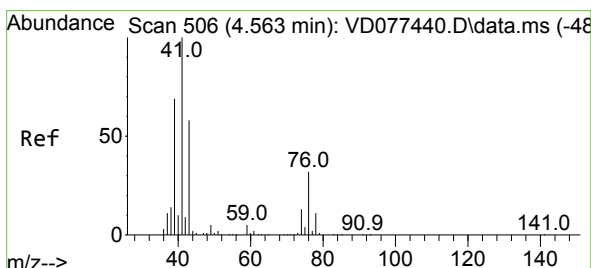
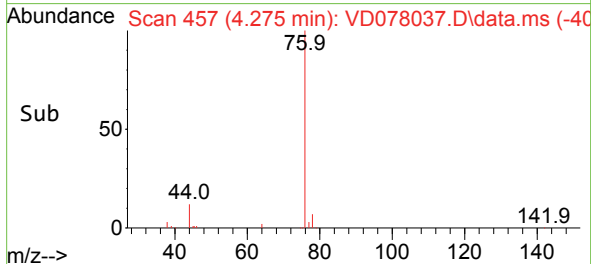
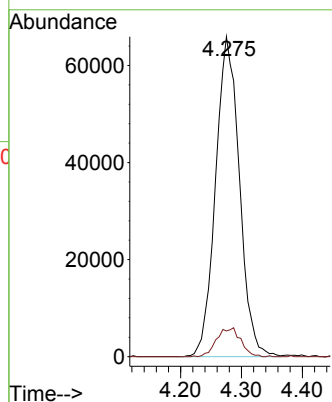
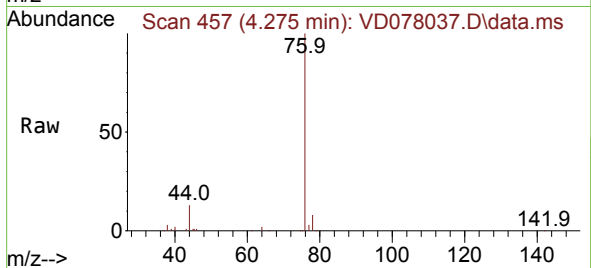




#17
Carbon Disulfide
Concen: 39.432 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

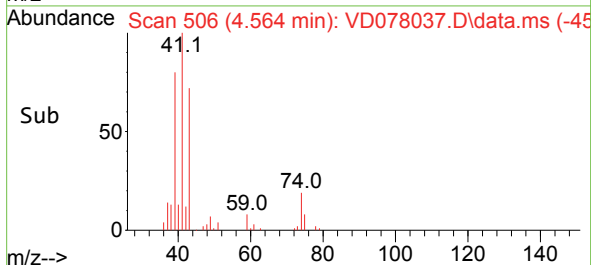
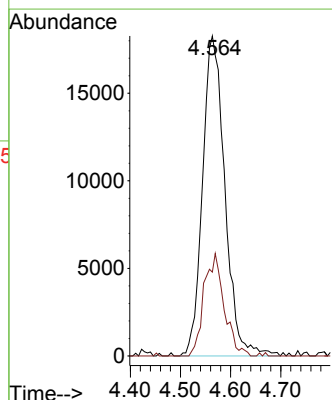
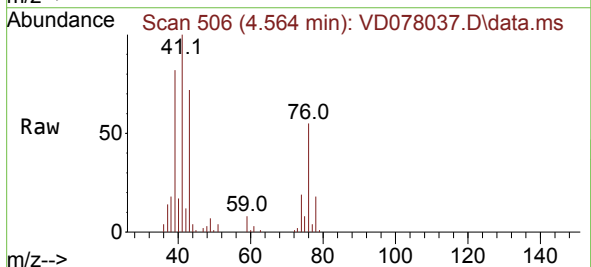
Instrument :
MSVOA_D
ClientSampleId :

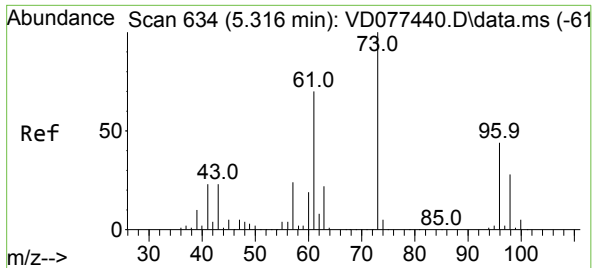
Tgt Ion: 76 Resp: 179572
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 54.426 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 43 Resp: 56560
Ion Ratio Lower Upper
43 100
74 28.8 26.4 39.6

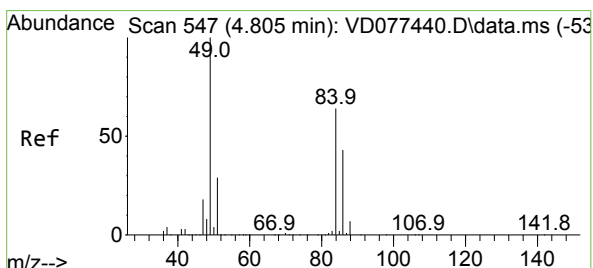
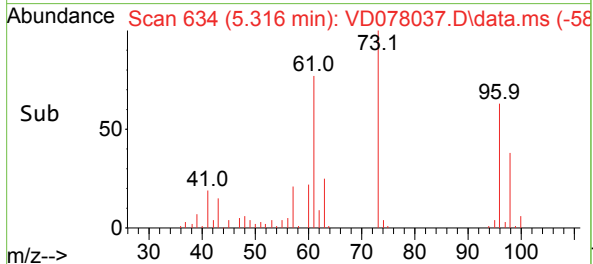
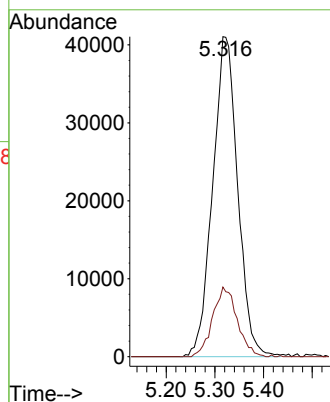
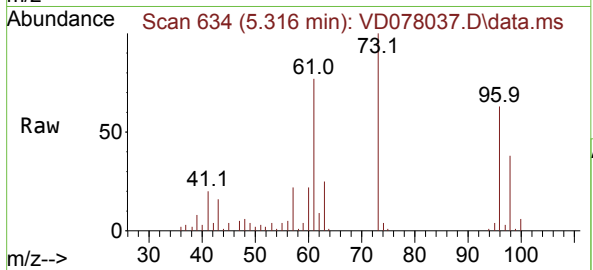




#19
Methyl tert-butyl Ether
Concen: 51.292 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

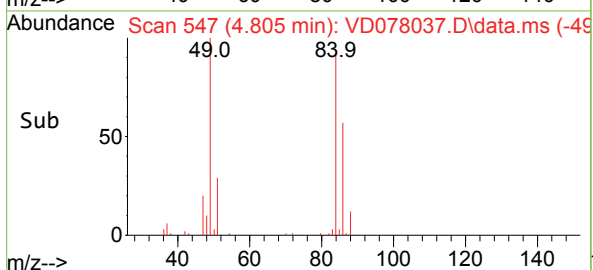
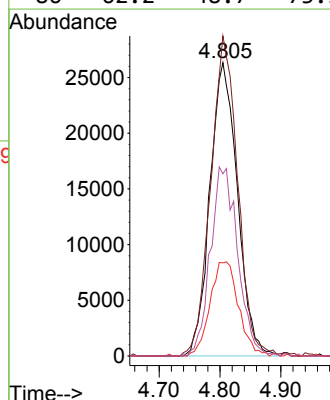
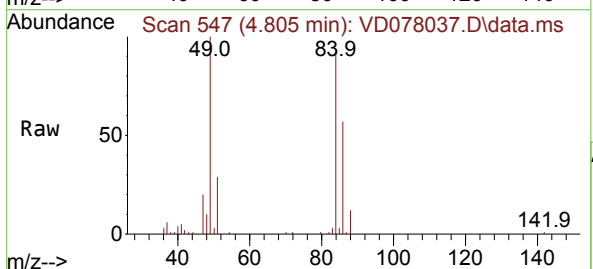
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 146483
Ion Ratio Lower Upper
73 100
57 21.8 16.6 25.0



#20
Methylene Chloride
Concen: 53.236 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

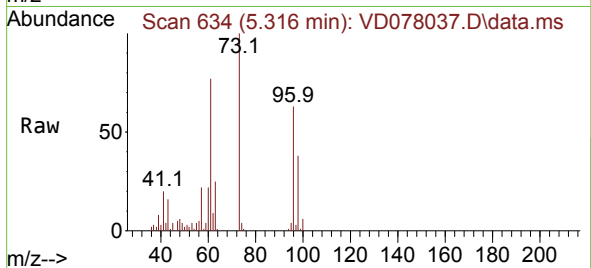
Tgt Ion: 84 Resp: 82702
Ion Ratio Lower Upper
84 100
49 109.1 71.4 107.2#
51 31.7 24.5 36.7
86 62.2 48.7 73.1



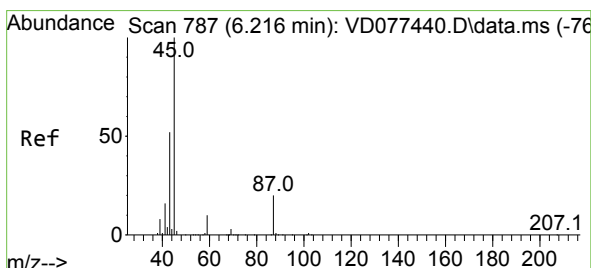
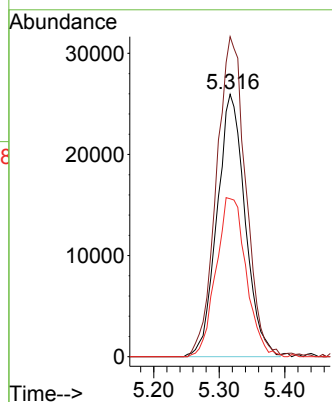
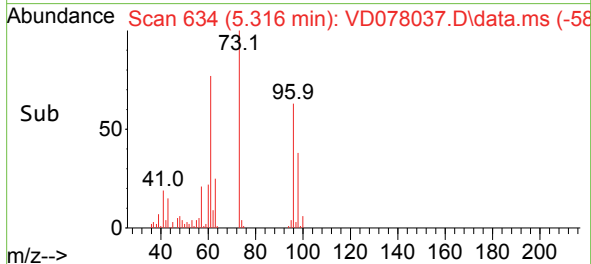


#21
trans-1,2-Dichloroethene
Concen: 50.543 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Instrument :
MSVOA_D
ClientSampleId :

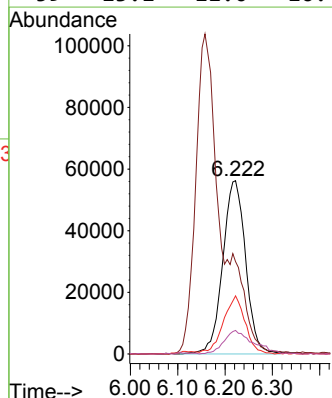
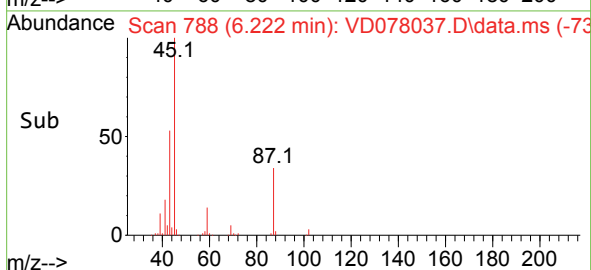
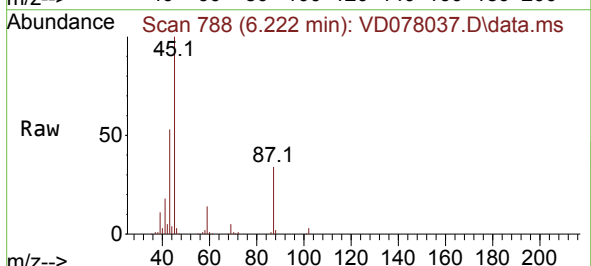


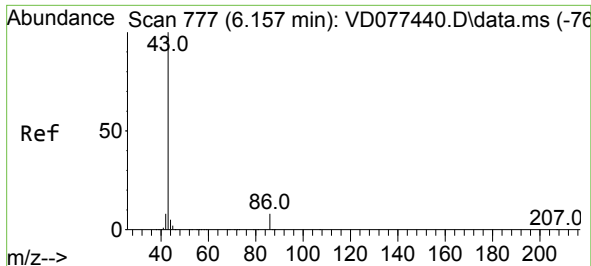
Tgt Ion: 96 Resp: 77059
Ion Ratio Lower Upper
96 100
61 121.9 89.3 133.9
98 60.2 48.6 73.0



#22
Diisopropyl ether
Concen: 48.815 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

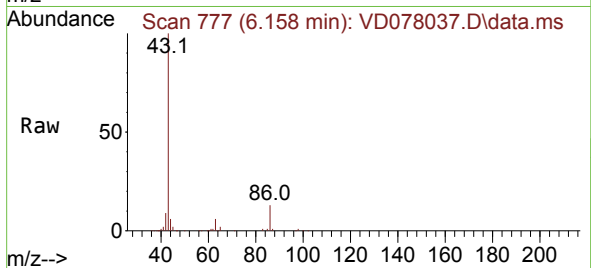
Tgt Ion: 45 Resp: 188850
Ion Ratio Lower Upper
45 100
43 51.8 40.0 60.0
87 33.2 28.2 42.4
59 13.1 11.0 16.4



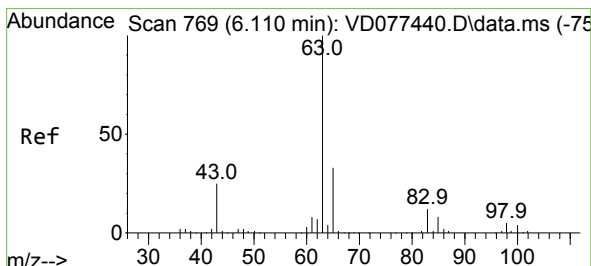
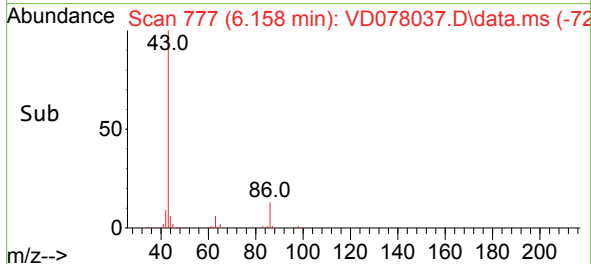
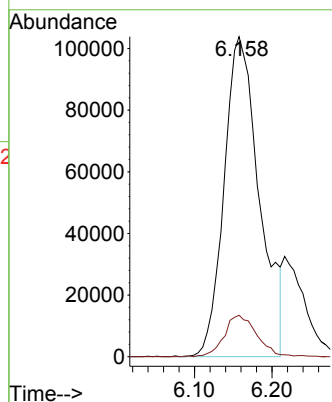


#23
 Vinyl Acetate
 Concen: 174.141 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

Instrument :
 MSVOA_D
 ClientSampleId :

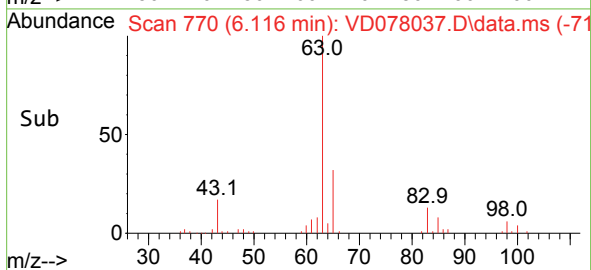
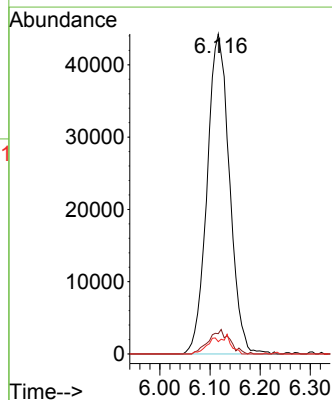
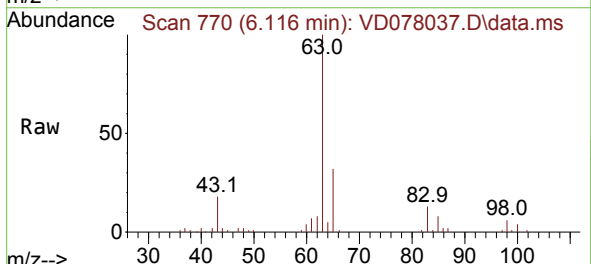


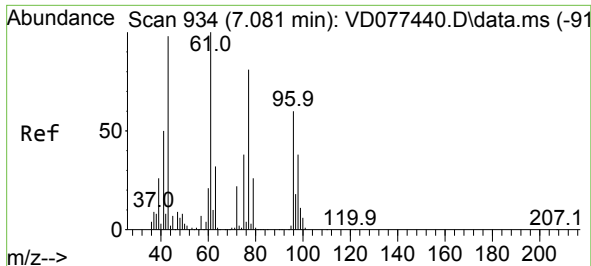
Tgt Ion: 43 Resp: 328994
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 52.389 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

Tgt Ion: 63 Resp: 137254
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 3.8 2.5 7.5

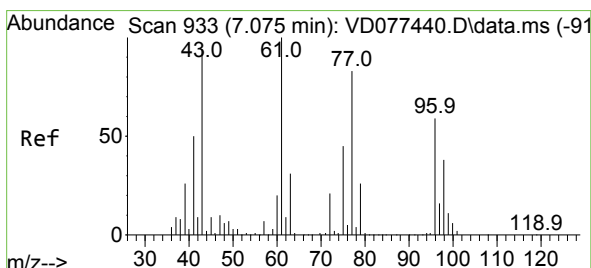
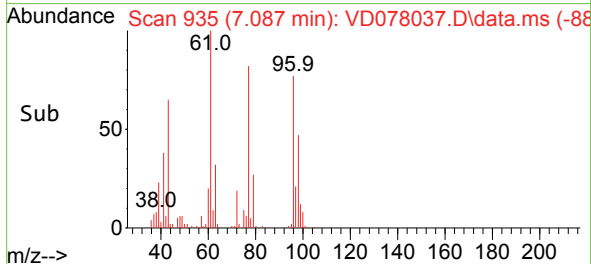
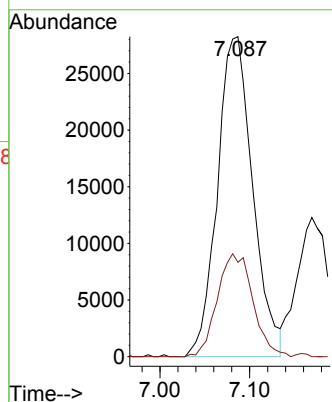
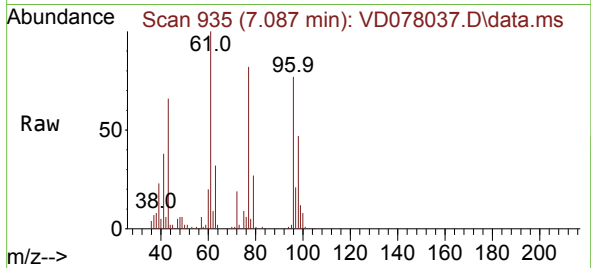




#25
2-Butanone
Concen: 210.395 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

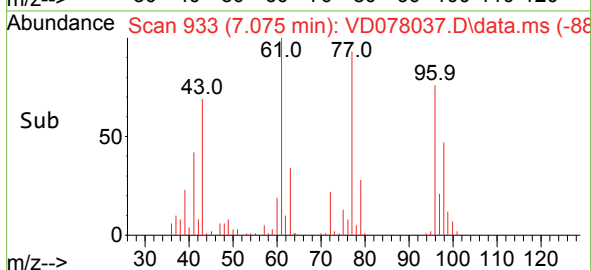
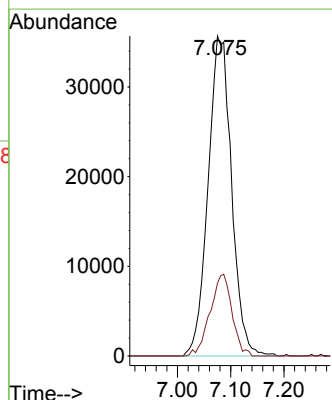
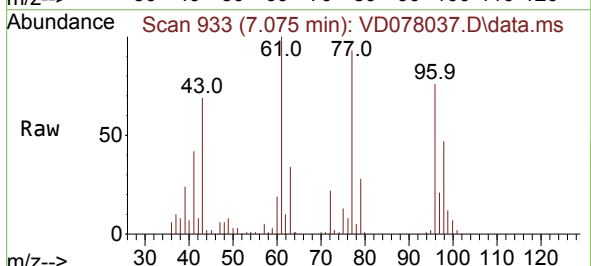
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 77178
Ion Ratio Lower Upper
43 100
72 29.5 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 49.609 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

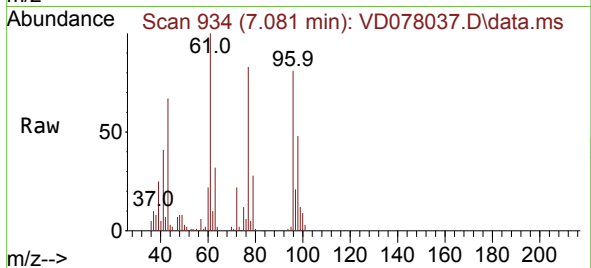
Tgt Ion: 77 Resp: 109123
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6



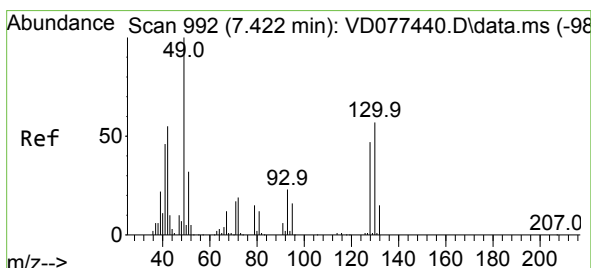
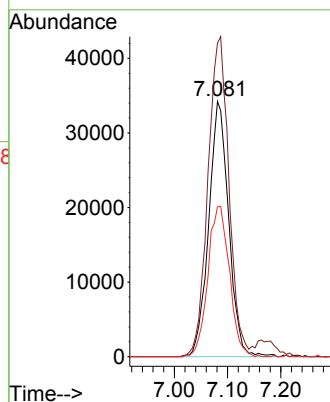
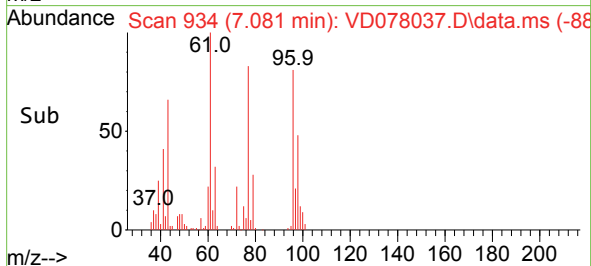


#27
 cis-1,2-Dichloroethene
 Concen: 54.347 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

Instrument :
 MSVOA_D
 ClientSampleId :

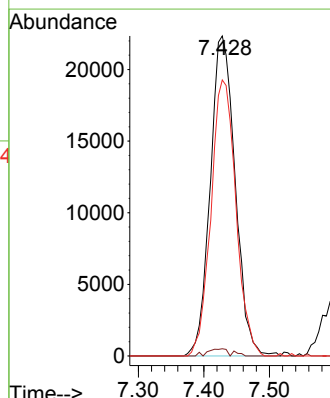
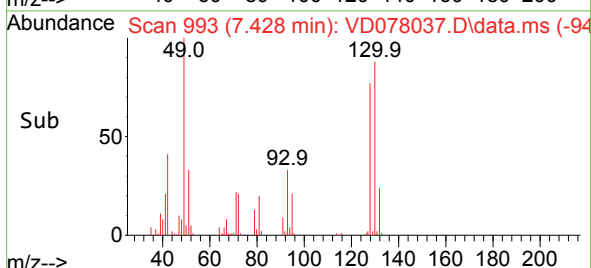
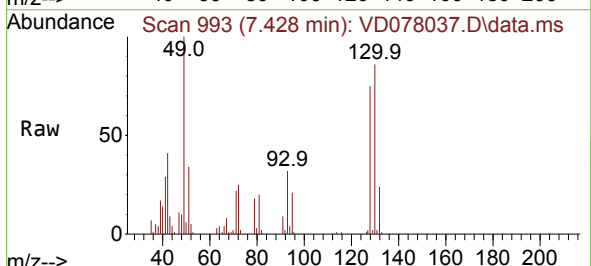


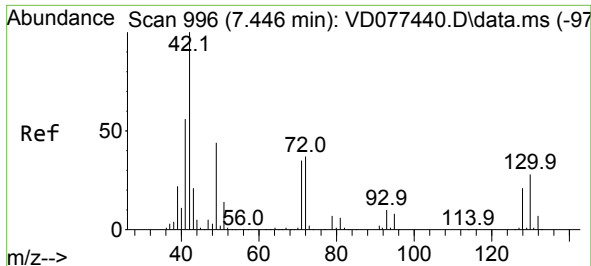
Tgt Ion: 96 Resp: 89158
 Ion Ratio Lower Upper
 96 100
 61 131.2 0.0 239.2
 98 63.5 0.0 128.6



#28
 Bromochloromethane
 Concen: 55.632 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

Tgt Ion: 49 Resp: 58894
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 86.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 221.682 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

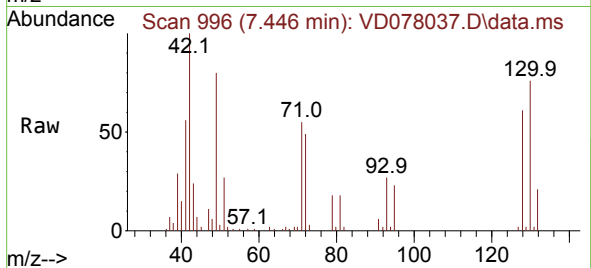
Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :



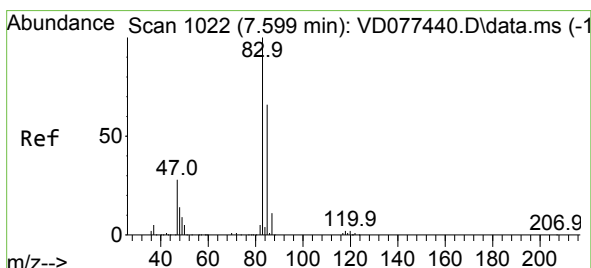
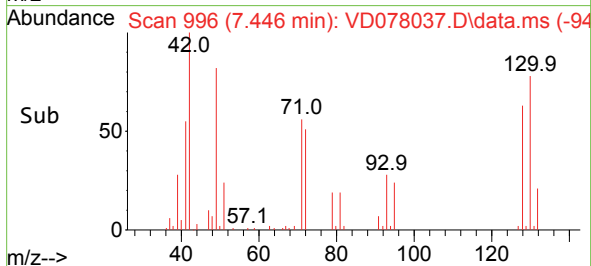
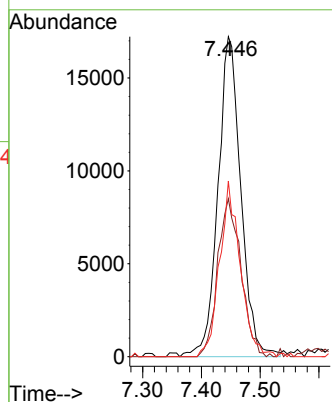
Tgt Ion: 42 Resp: 46581

Ion Ratio Lower Upper

42 100

72 50.2 46.5 69.7

71 49.6 44.5 66.7



#30

Chloroform

Concen: 53.501 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078037.D

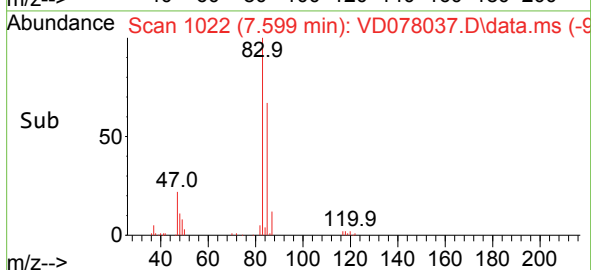
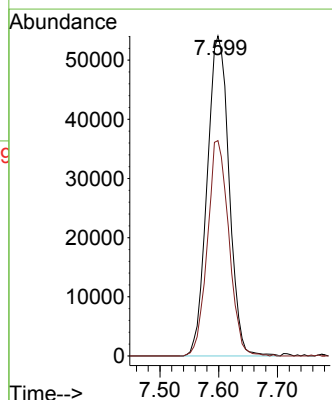
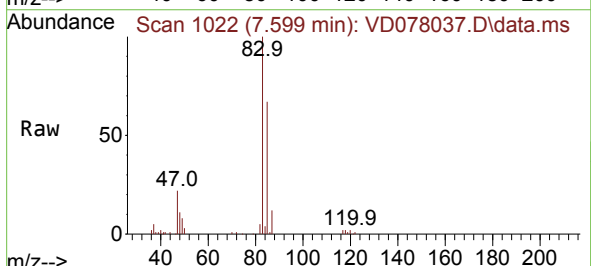
Acq: 21 Dec 2023 20:16

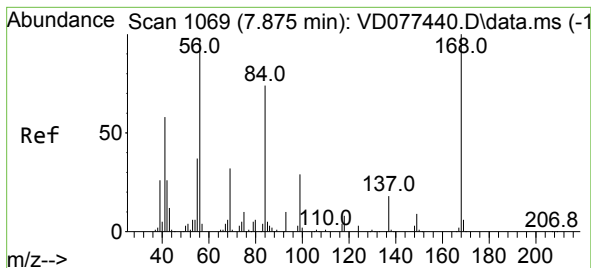
Tgt Ion: 83 Resp: 140283

Ion Ratio Lower Upper

83 100

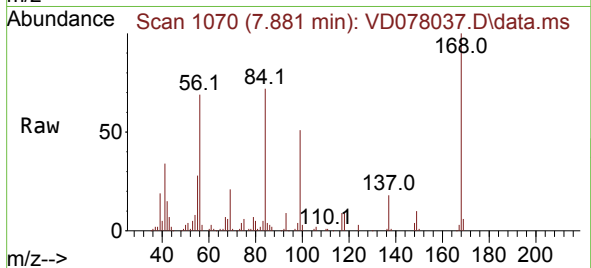
85 67.3 53.4 80.2



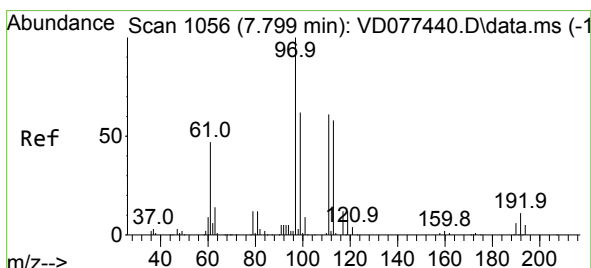
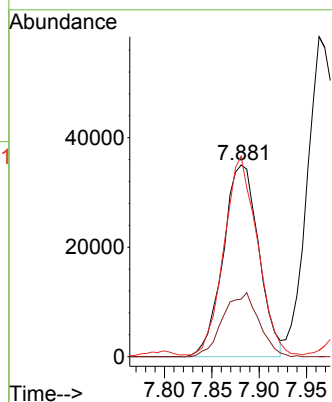
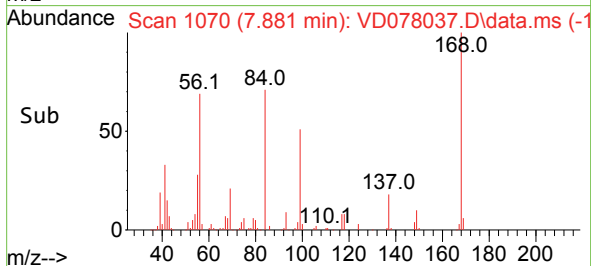


#31
Cyclohexane
Concen: 39.087 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Instrument :
MSVOA_D
ClientSampleId :

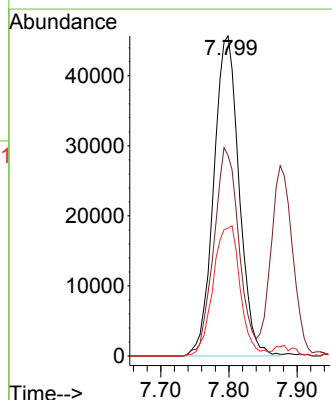
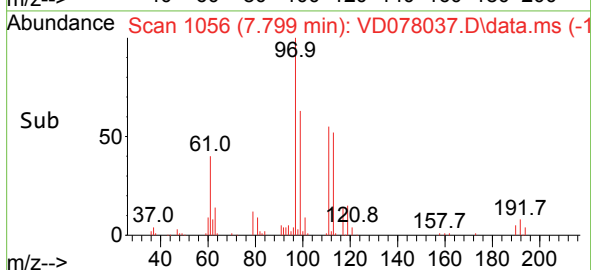
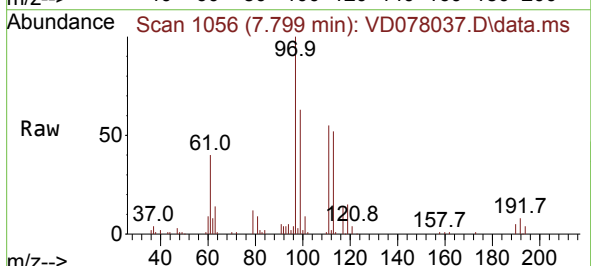


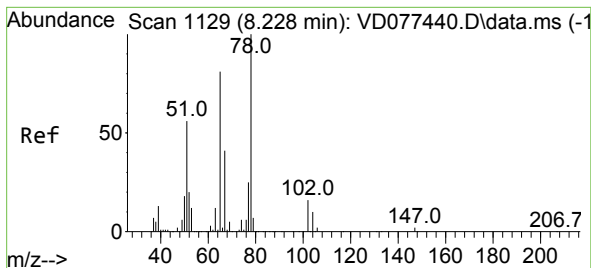
Tgt Ion: 56 Resp: 91739
Ion Ratio Lower Upper
56 100
69 29.9 28.6 43.0
84 103.7 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 51.168 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 97 Resp: 118275
Ion Ratio Lower Upper
97 100
99 64.6 52.0 78.0
61 43.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.576 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

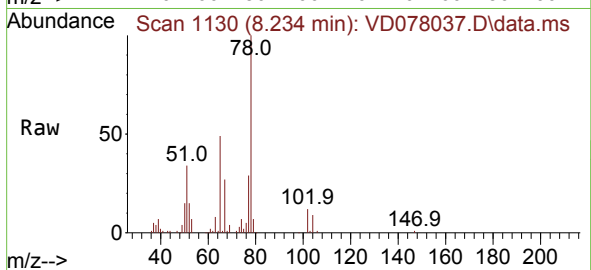
Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

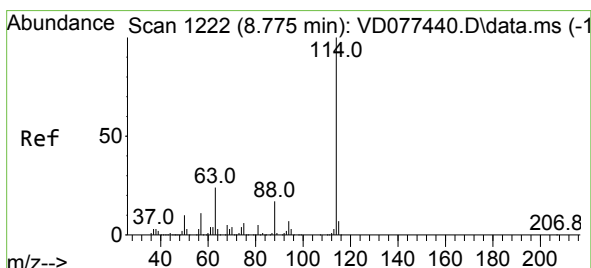
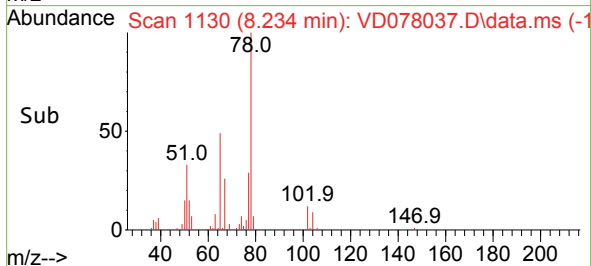
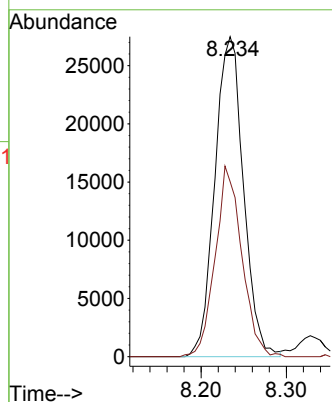


Tgt Ion: 65 Resp: 64098

Ion Ratio Lower Upper

65 100

67 55.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

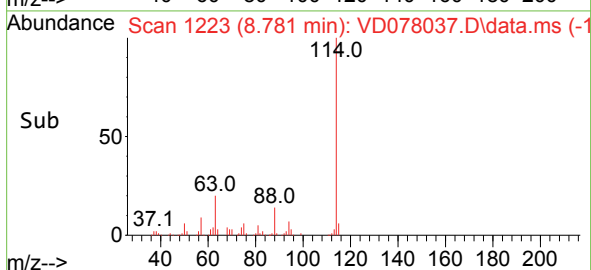
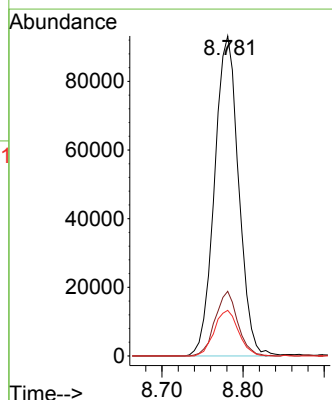
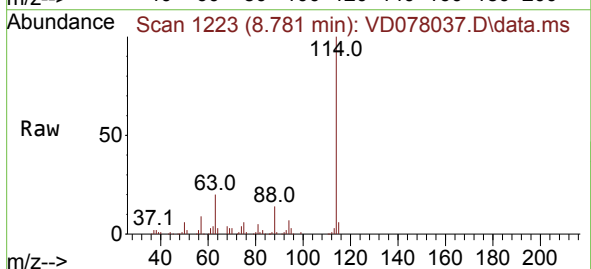
Tgt Ion: 114 Resp: 192580

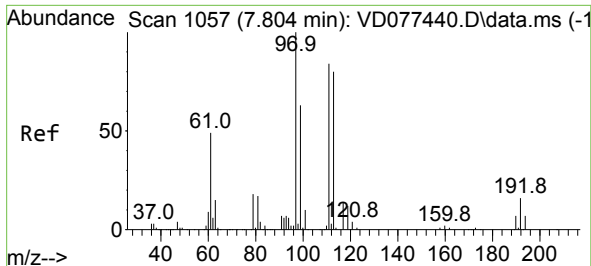
Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

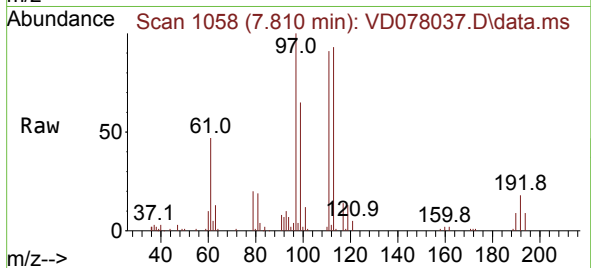
88 14.3 0.0 26.2



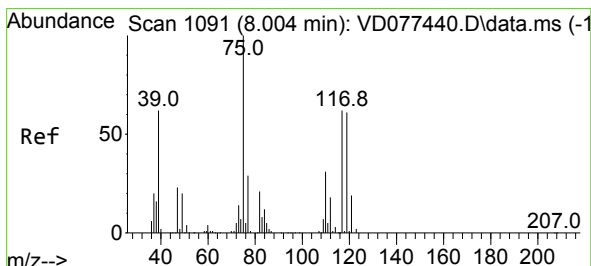
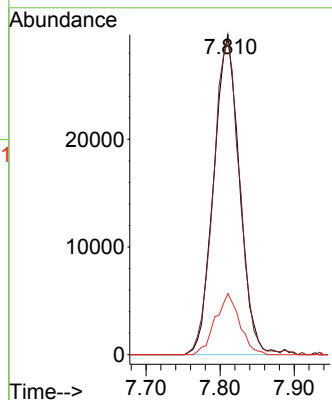
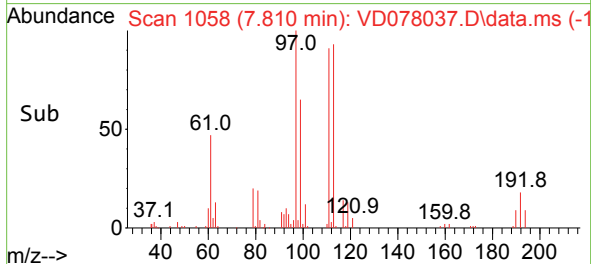


#35
Dibromofluoromethane
Concen: 53.257 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

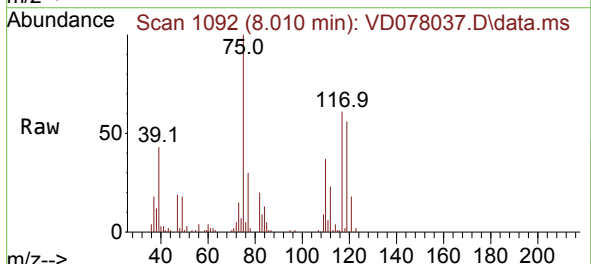
Instrument :
MSVOA_D
ClientSampleId :



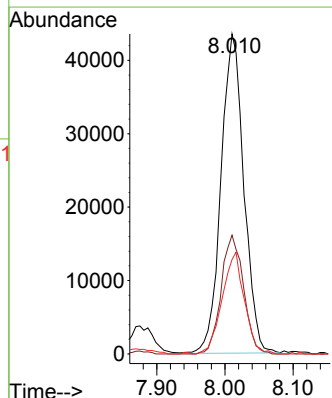
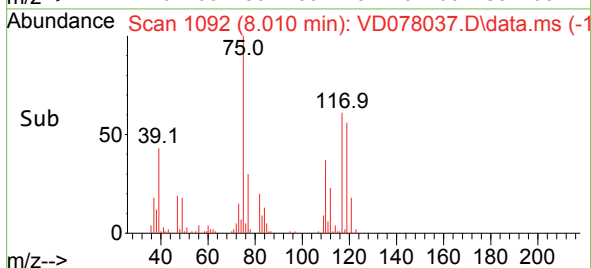
Tgt Ion:113 Resp: 71841
Ion Ratio Lower Upper
113 100
111 100.2 84.7 127.1
192 18.0 16.8 25.2

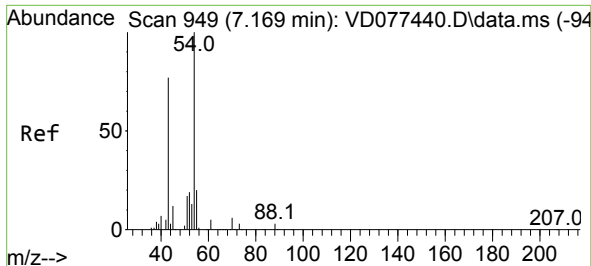


#36
1,1-Dichloropropene
Concen: 47.040 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16



Tgt Ion: 75 Resp: 101500
Ion Ratio Lower Upper
75 100
110 36.3 19.9 59.6
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 37.654 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

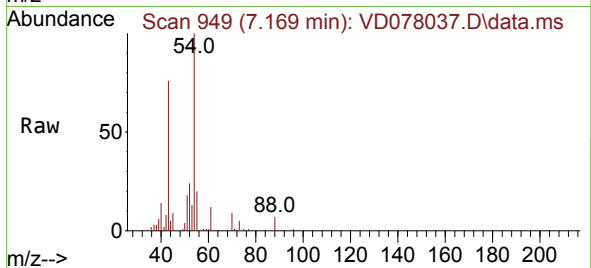
Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

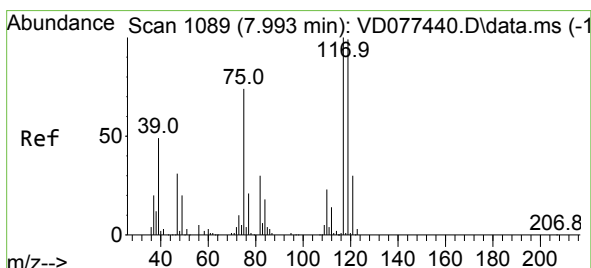
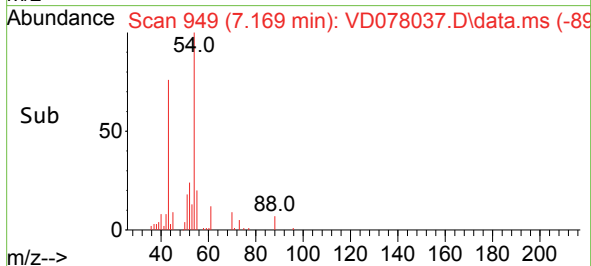
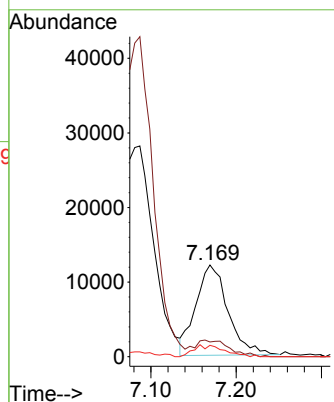
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	31680
Ion	Ratio	Lower	Upper
43	100		
61	17.3	14.9	22.3
70	5.2	10.0	15.0



#38

Carbon Tetrachloride

Concen: 48.026 ug/l

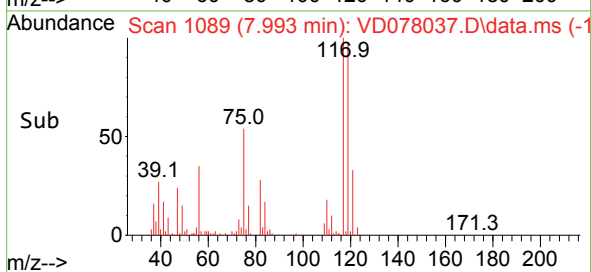
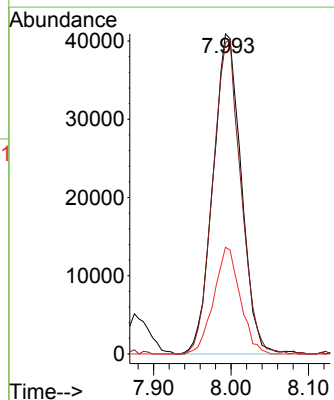
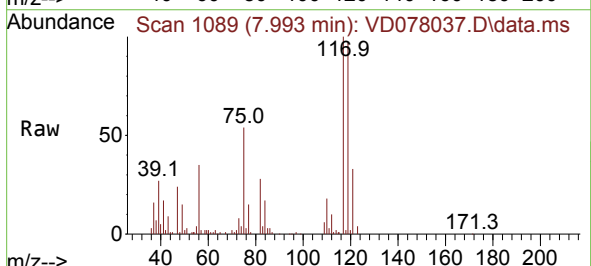
RT: 7.993 min Scan# 1089

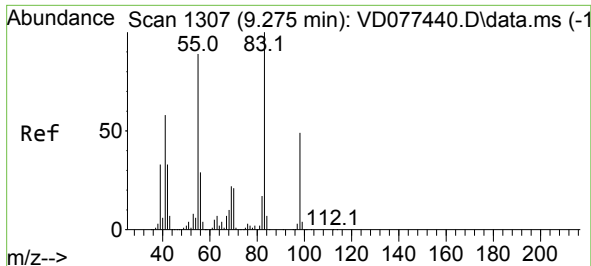
Delta R.T. -0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Tgt Ion:	117	Resp:	103309
Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.0	117.0
121	33.4	24.2	36.2

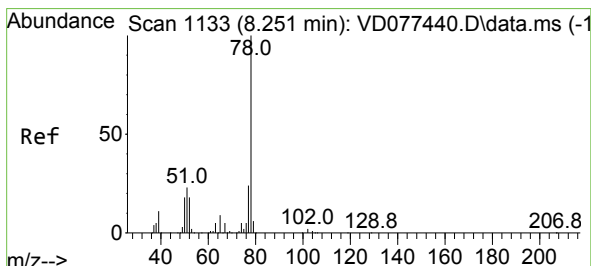
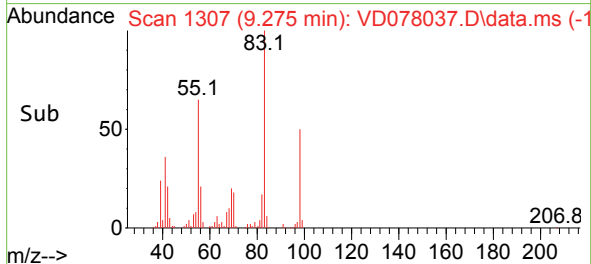
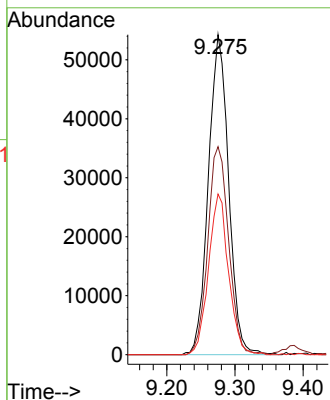
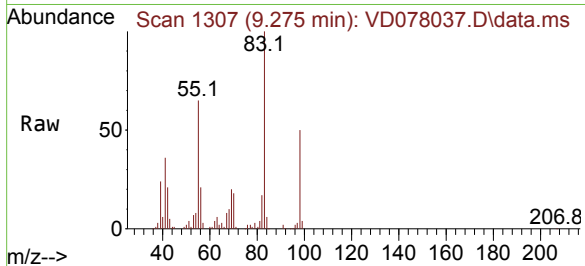




#39
Methylcyclohexane
Concen: 43.785 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

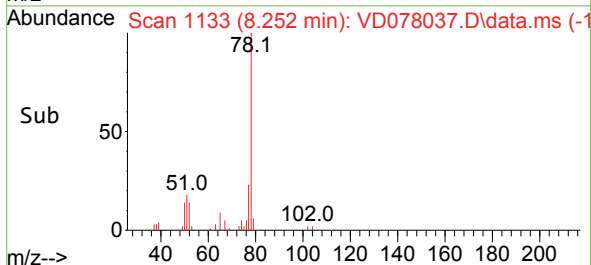
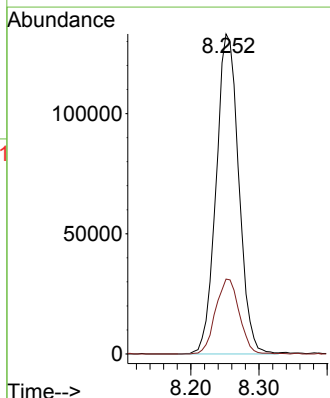
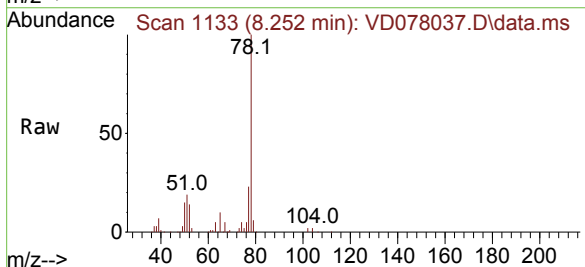
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 112001
Ion Ratio Lower Upper
83 100
55 65.0 49.4 74.0
98 50.2 38.4 57.6



#40
Benzene
Concen: 50.183 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

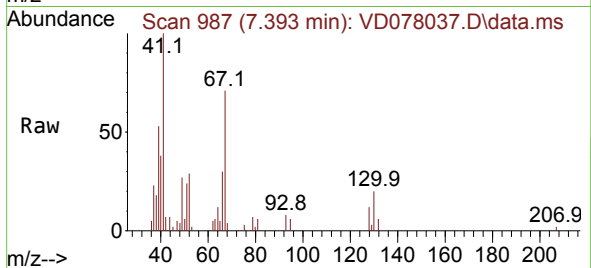
Tgt Ion: 78 Resp: 307328
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



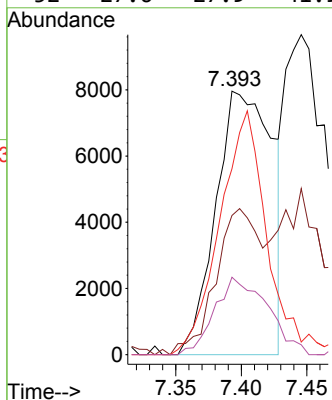
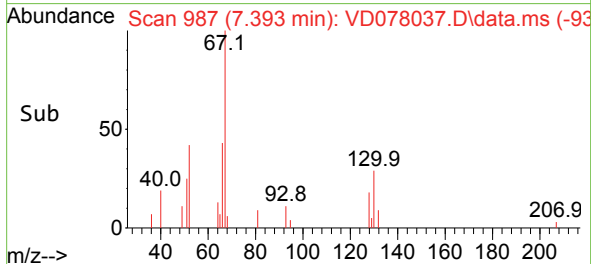


#41
Methacrylonitrile
Concen: 55.769 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Instrument :
MSVOA_D
ClientSampleId :

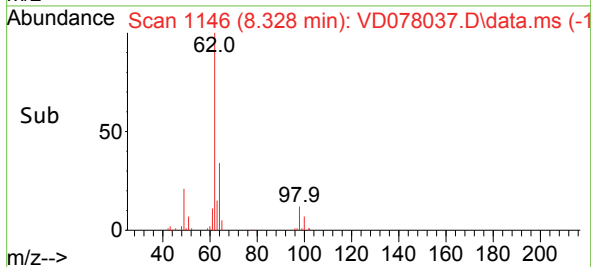
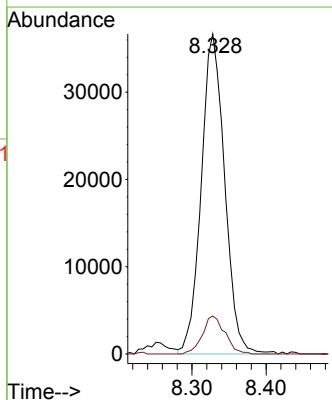
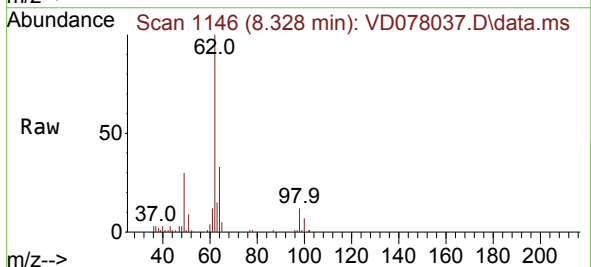


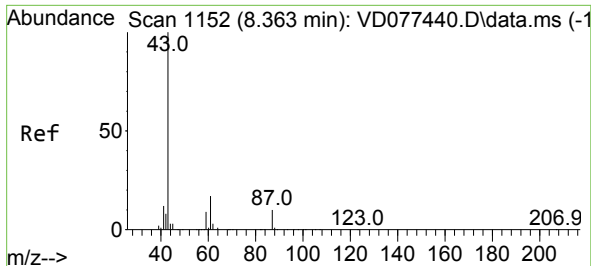
Tgt Ion: 41 Resp: 23848
Ion Ratio Lower Upper
41 100
39 43.3 34.0 51.0
67 78.1 77.0 115.4
52 27.6 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 50.730 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

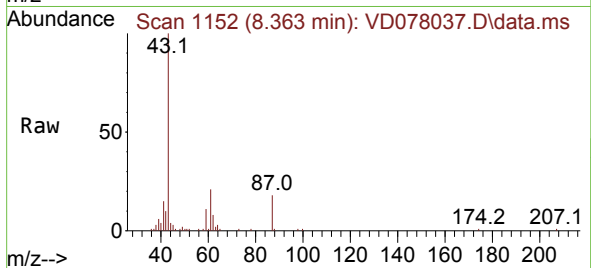
Tgt Ion: 62 Resp: 80531
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4



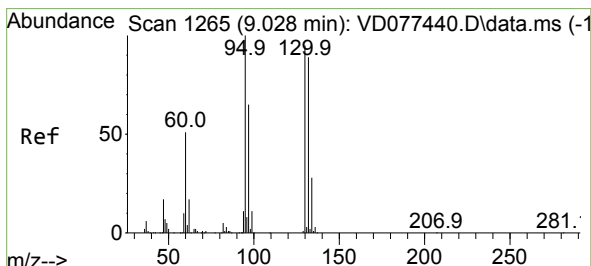
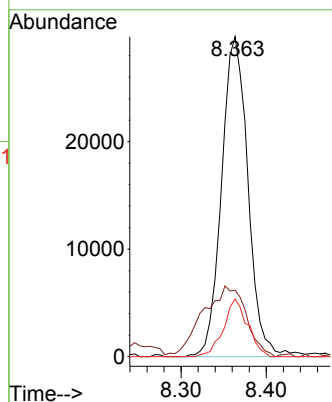
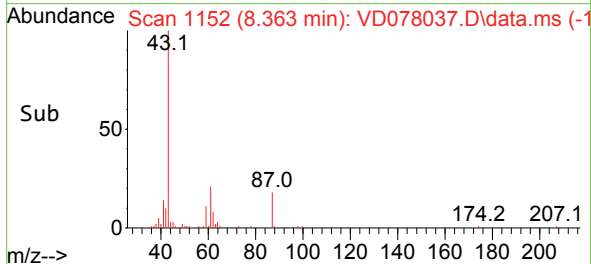


#43
Isopropyl Acetate
Concen: 42.582 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Instrument :
MSVOA_D
ClientSampleId :

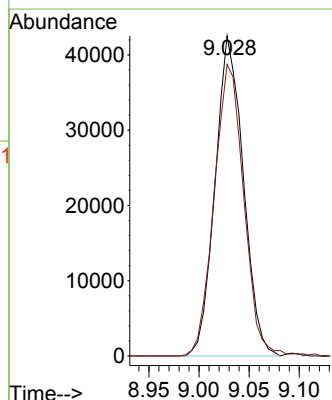
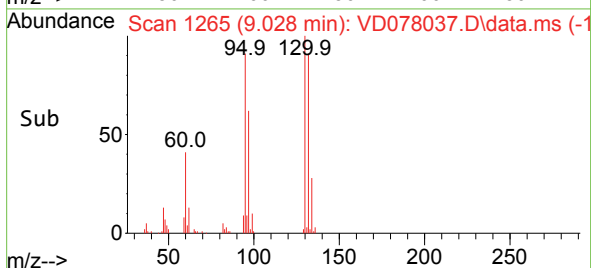
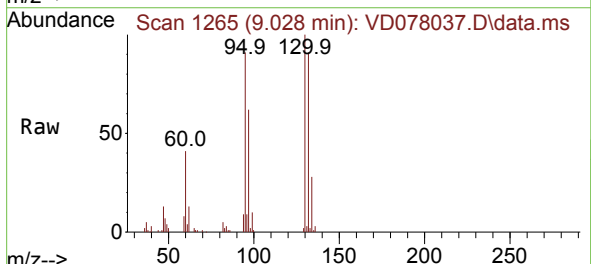


Tgt Ion: 43 Resp: 63685
Ion Ratio Lower Upper
43 100
61 36.2 31.4 47.0
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 51.989 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion:130 Resp: 82971
Ion Ratio Lower Upper
130 100
95 91.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.721 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

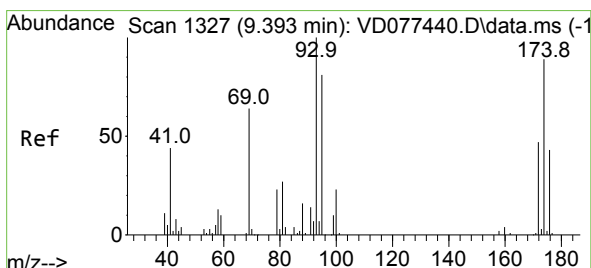
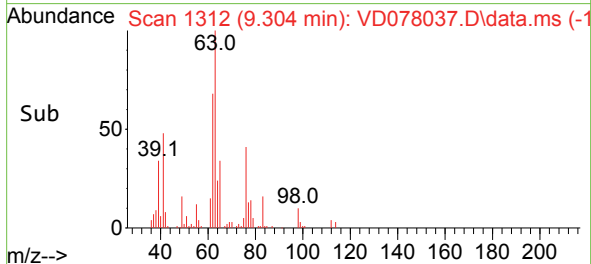
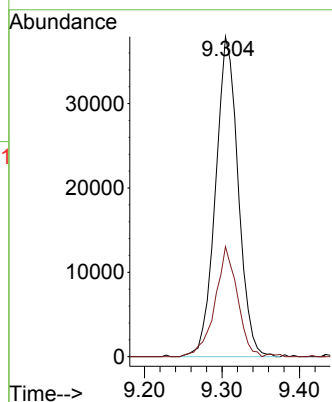
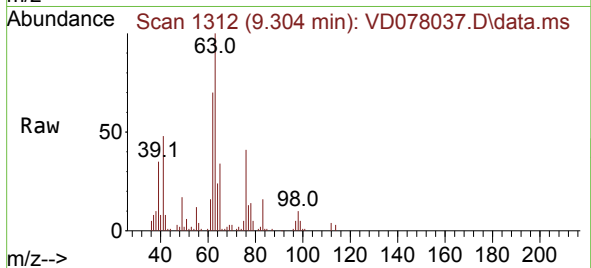
ClientSampleId :

Tgt Ion: 63 Resp: 77000

Ion Ratio Lower Upper

63 100

65 34.4 24.5 36.7



#46

Dibromomethane

Concen: 51.710 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

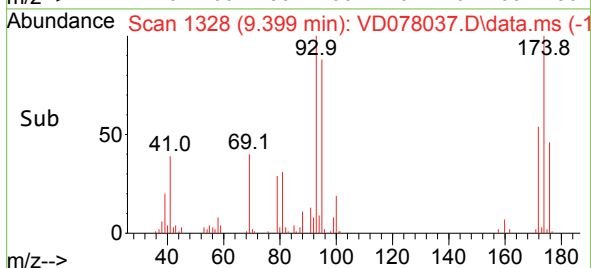
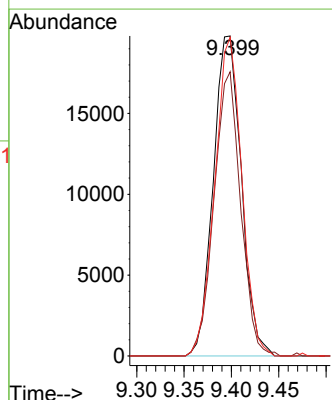
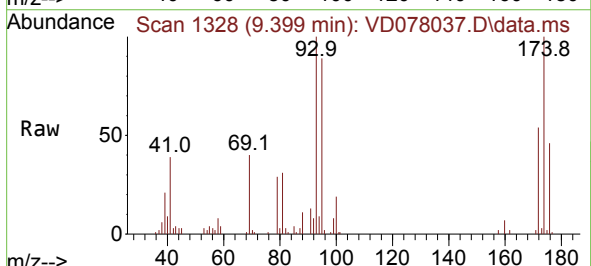
Tgt Ion: 93 Resp: 40733

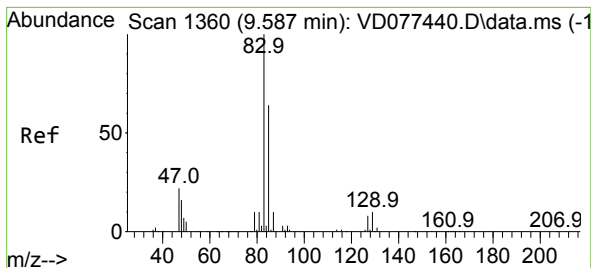
Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

174 96.2 85.4 128.2





#47

Bromodichloromethane

Concen: 53.952 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

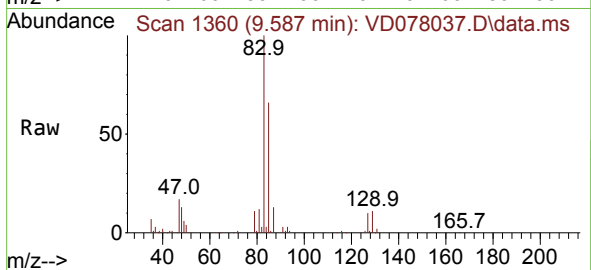
Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :



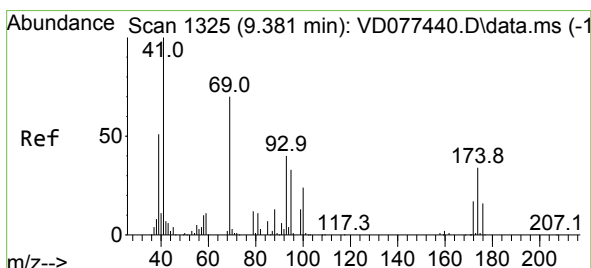
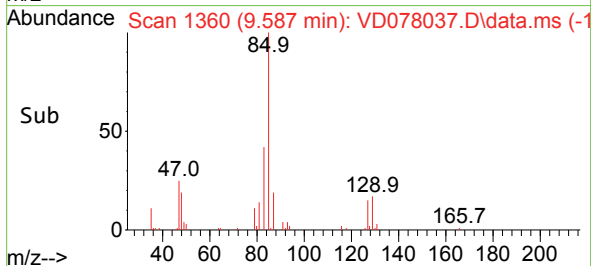
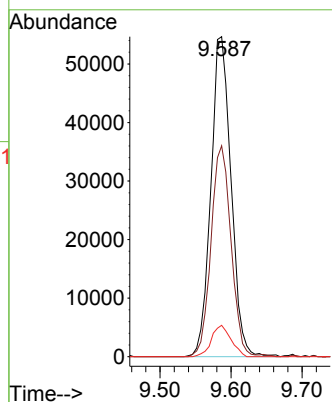
Tgt Ion: 83 Resp: 107721

Ion Ratio Lower Upper

83 100

85 65.9 50.2 75.4

127 9.8 6.3 9.5#



#48

Methyl methacrylate

Concen: 42.665 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

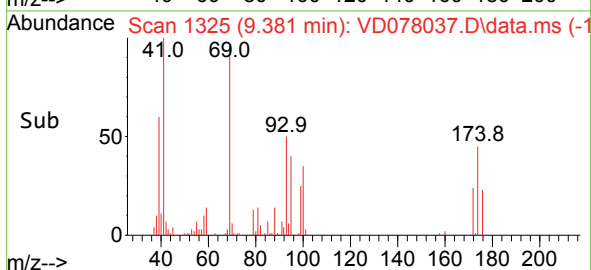
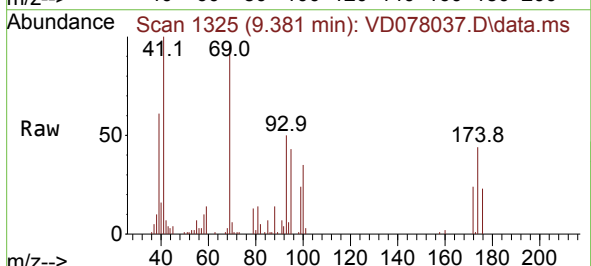
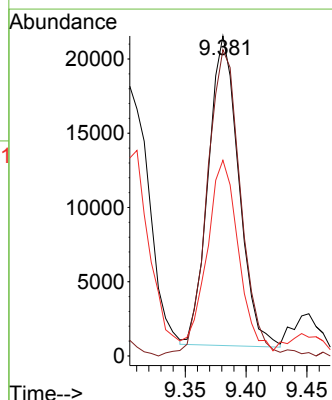
Tgt Ion: 41 Resp: 36273

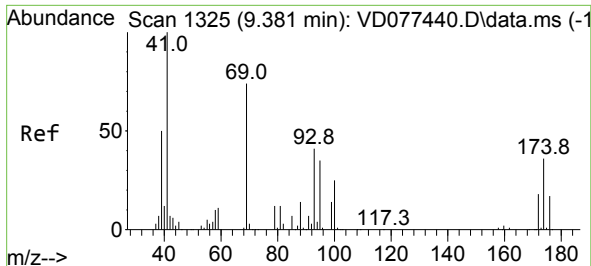
Ion Ratio Lower Upper

41 100

69 109.8 102.2 153.2

39 67.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 906.443 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

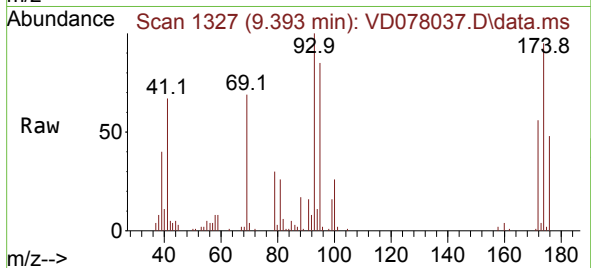
Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :



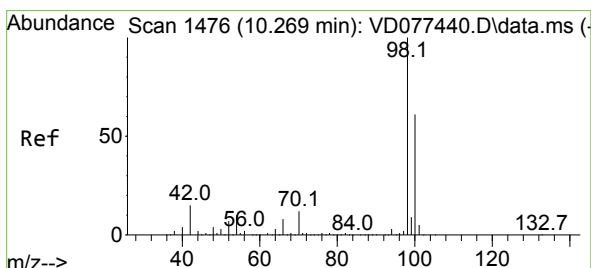
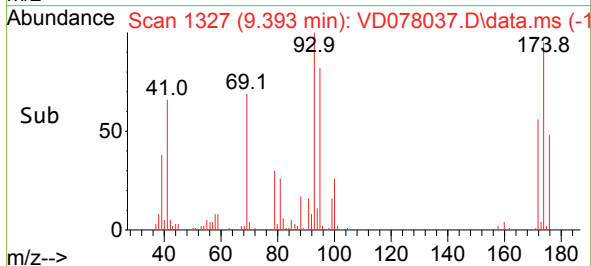
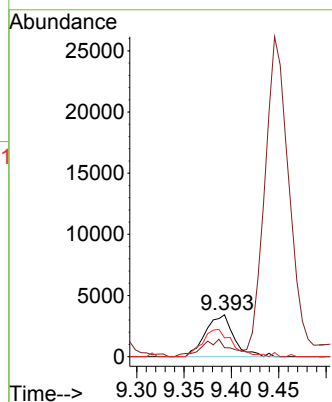
Tgt Ion: 88 Resp: 7090

Ion Ratio Lower Upper

88 100

43 40.4 19.0 28.6#

58 68.4 43.5 65.3#



#50

Toluene-d8

Concen: 50.285 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078037.D

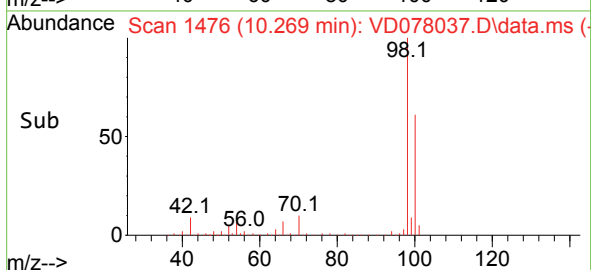
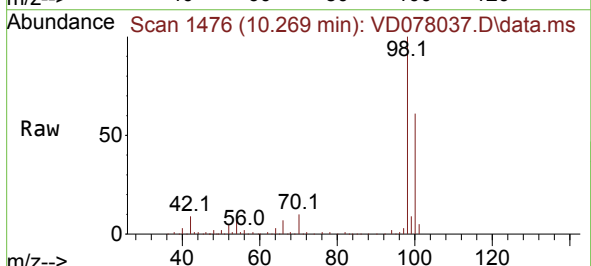
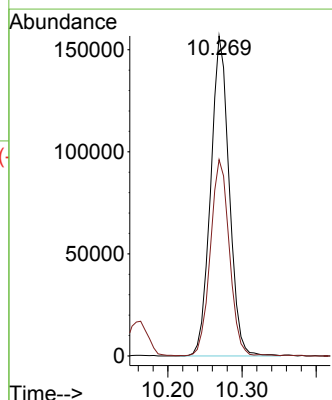
Acq: 21 Dec 2023 20:16

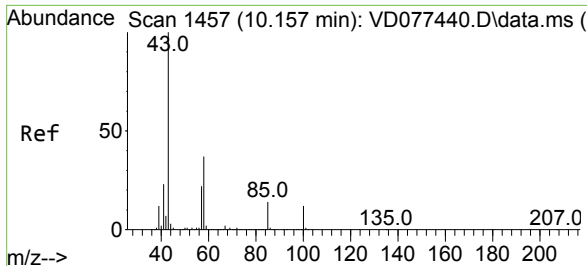
Tgt Ion: 98 Resp: 271677

Ion Ratio Lower Upper

98 100

100 62.7 50.3 75.5

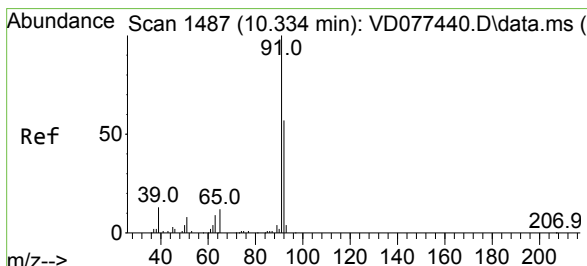
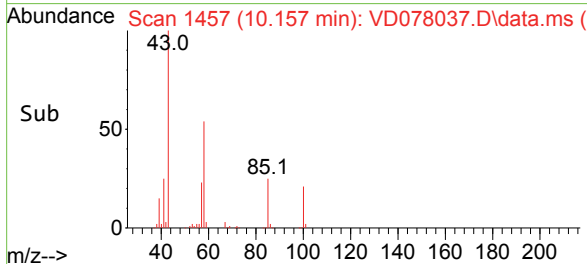
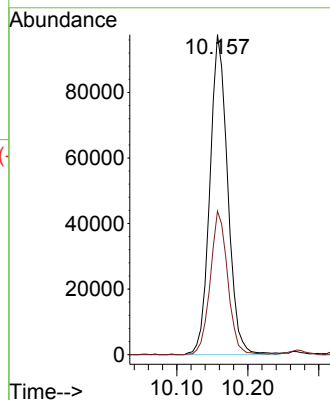
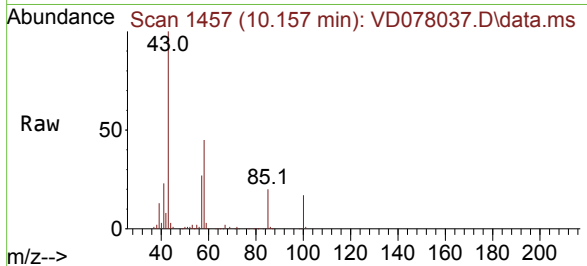




#51
4-Methyl-2-Pentanone
Concen: 222.891 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

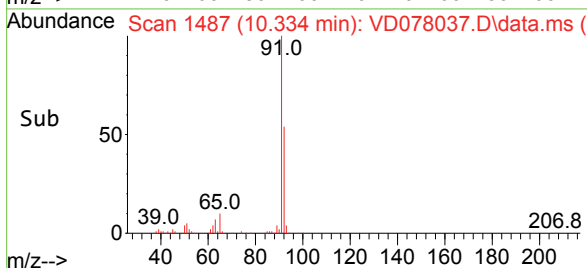
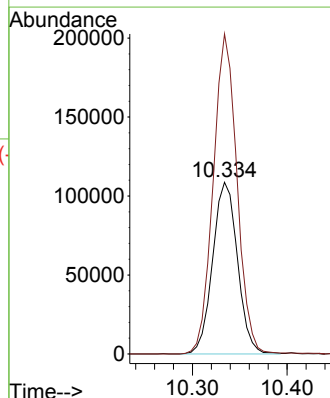
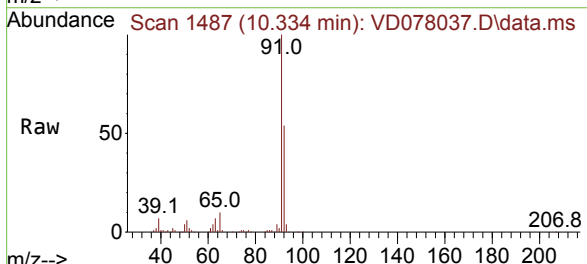
Instrument :
MSVOA_D
ClientSampleId :

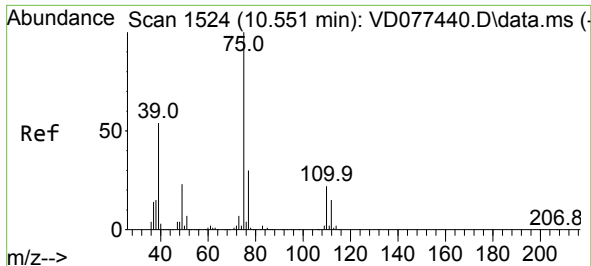
Tgt Ion: 43 Resp: 170132
Ion Ratio Lower Upper
43 100
58 44.0 38.9 58.3



#52
Toluene
Concen: 52.153 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 92 Resp: 198120
Ion Ratio Lower Upper
92 100
91 179.2 143.0 214.4

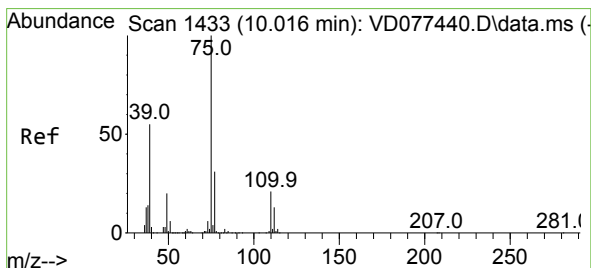
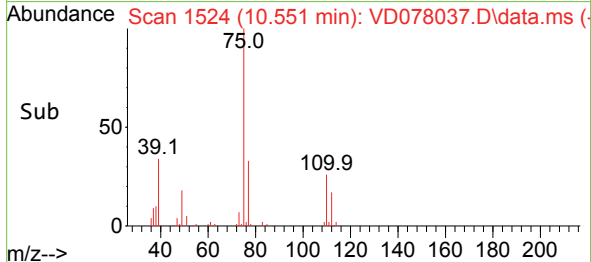
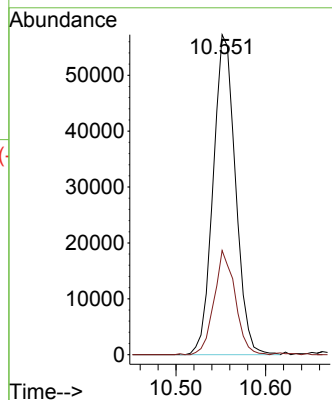
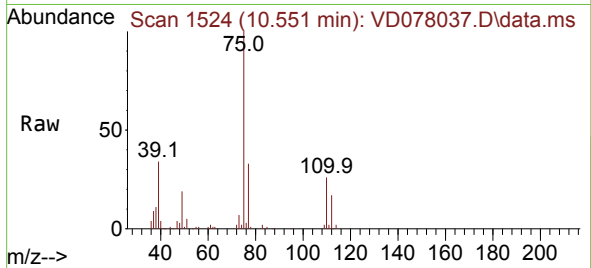




#53
 t-1,3-Dichloropropene
 Concen: 51.606 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

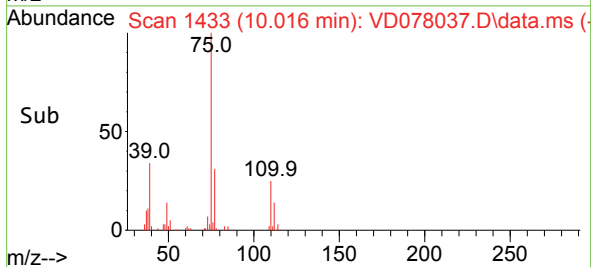
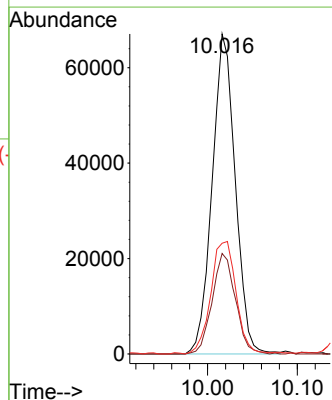
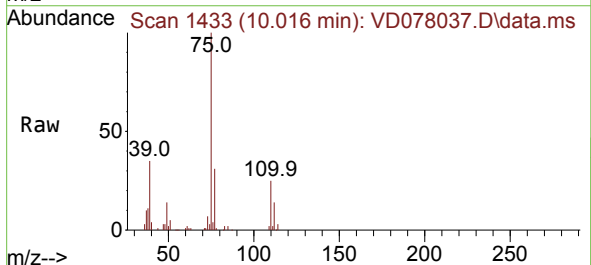
Instrument :
 MSVOA_D
 ClientSampleId :

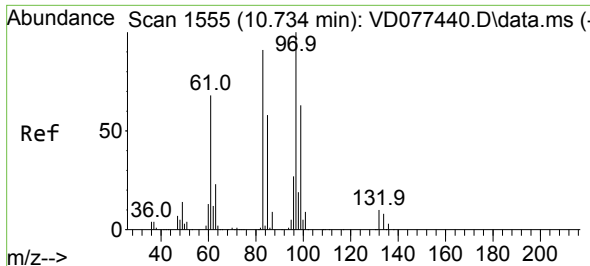
Tgt Ion: 75 Resp: 98945
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.731 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

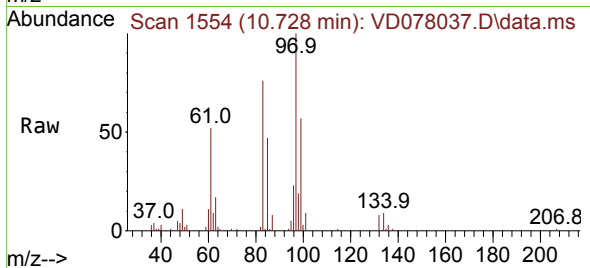
Tgt Ion: 75 Resp: 119919
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3
 39 34.3 22.1 33.1#



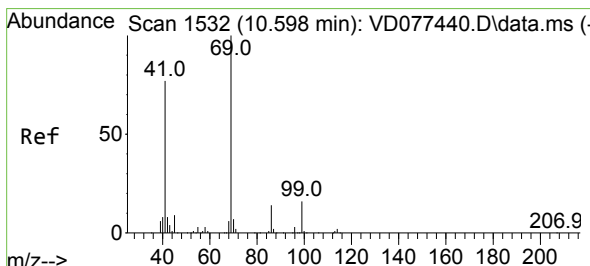
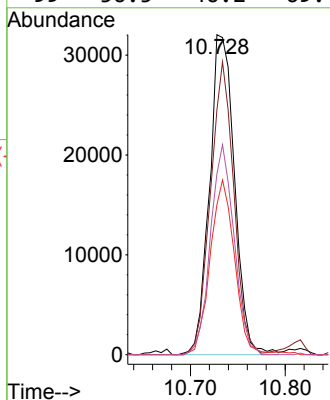
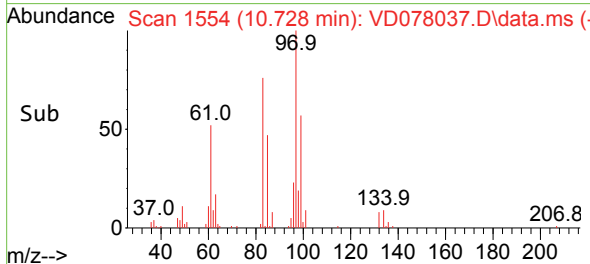


#55
 1,1,2-Trichloroethane
 Concen: 54.695 ug/l
 RT: 10.728 min Scan# 1554
 Delta R.T. -0.006 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

Instrument :
 MSVOA_D
 ClientSampleId :

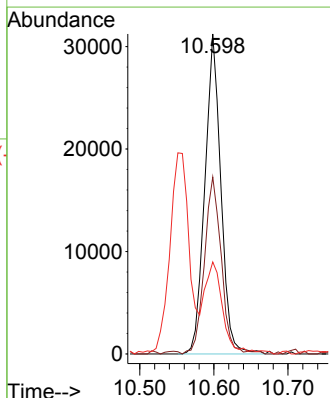
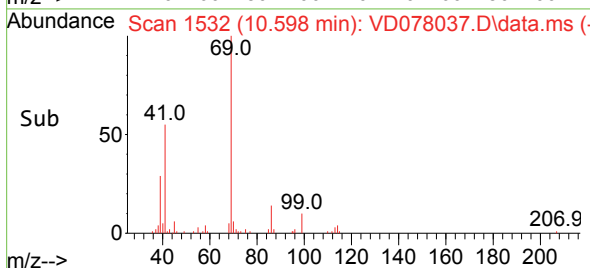
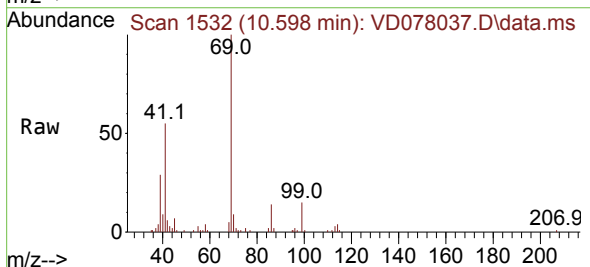


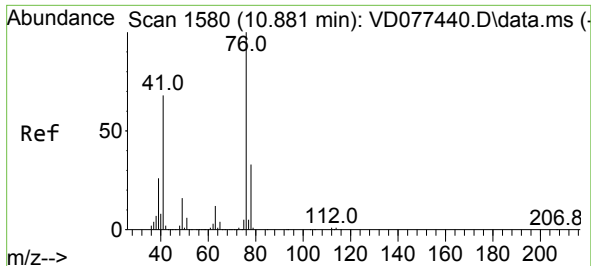
Tgt Ion:	97	Resp:	58932
Ion	Ratio	Lower	Upper
97	100		
83	76.5	65.8	98.6
85	46.9	45.7	68.5
99	56.5	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 49.548 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

Tgt Ion:	69	Resp:	47062
Ion	Ratio	Lower	Upper
69	100		
41	58.0	39.1	58.7
39	32.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 52.488 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

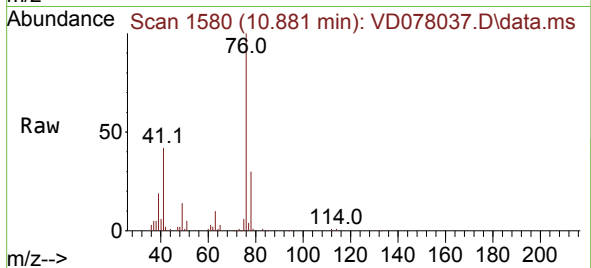
Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

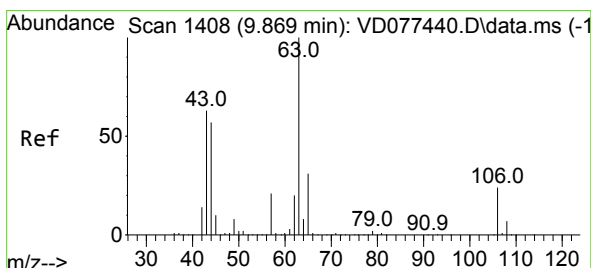
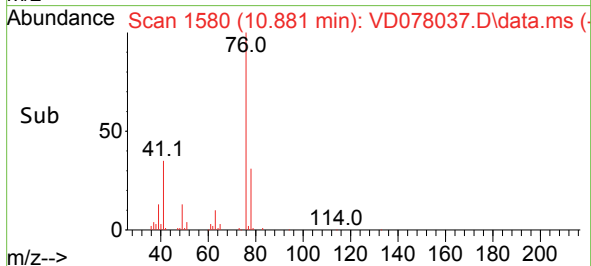
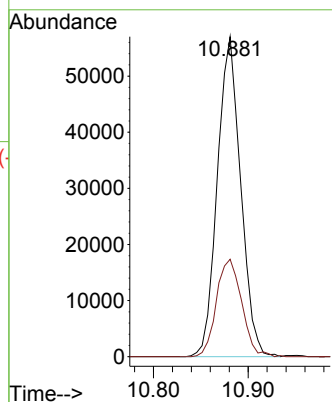


Tgt Ion: 76 Resp: 97485

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 217.593 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078037.D

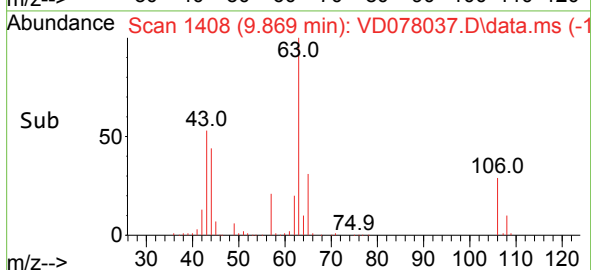
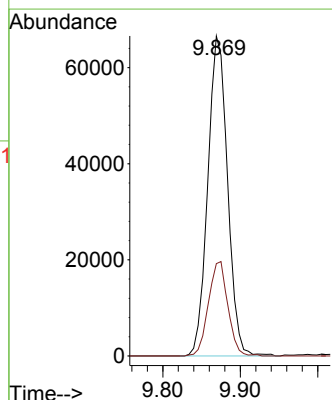
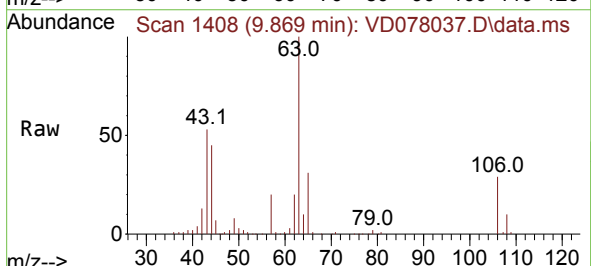
Acq: 21 Dec 2023 20:16

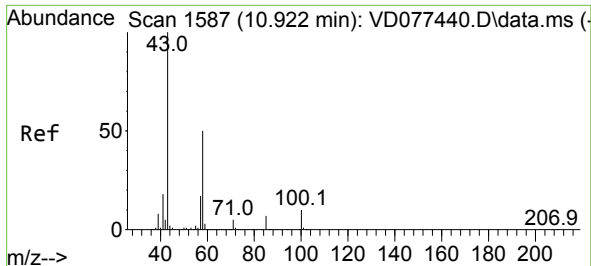
Tgt Ion: 63 Resp: 117862

Ion Ratio Lower Upper

63 100

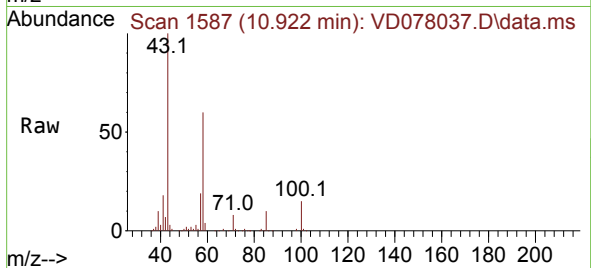
106 29.0 25.3 37.9



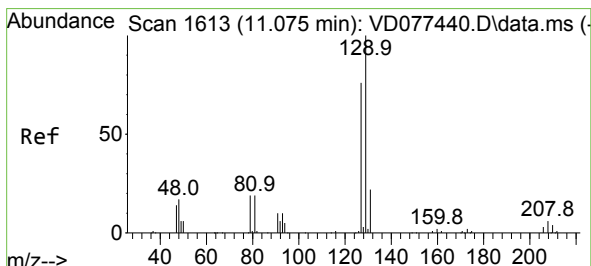
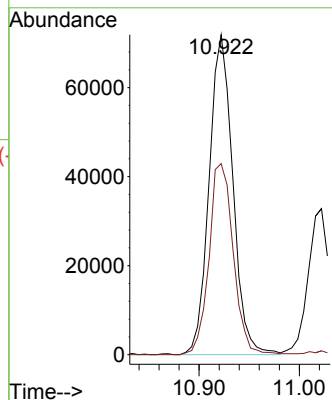
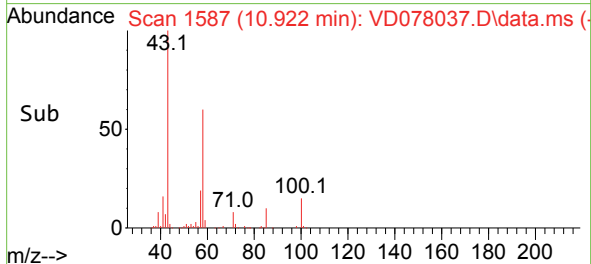


#59
2-Hexanone
Concen: 186.980 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Instrument :
MSVOA_D
ClientSampleId :

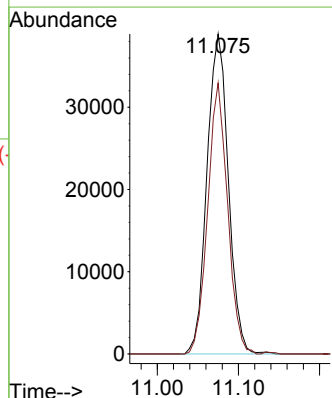
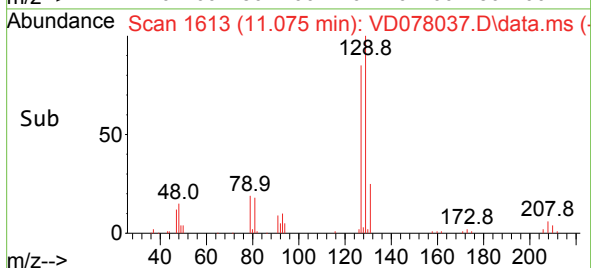
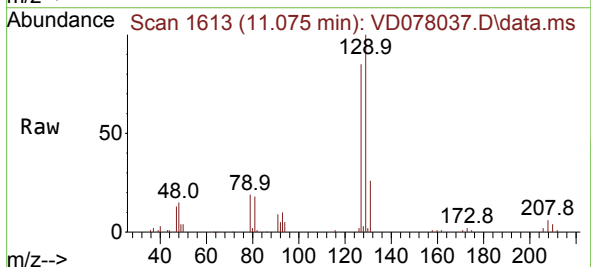


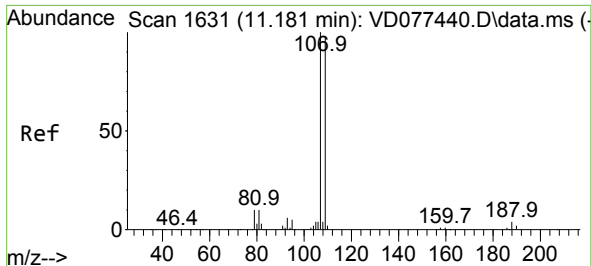
Tgt Ion: 43 Resp: 118408
Ion Ratio Lower Upper
43 100
58 61.1 34.1 102.2



#60
Dibromochloromethane
Concen: 54.864 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion:129 Resp: 71172
Ion Ratio Lower Upper
129 100
127 78.7 37.1 111.5

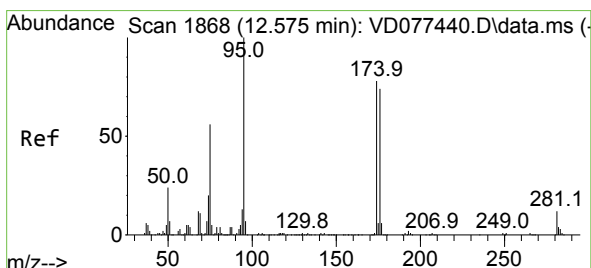
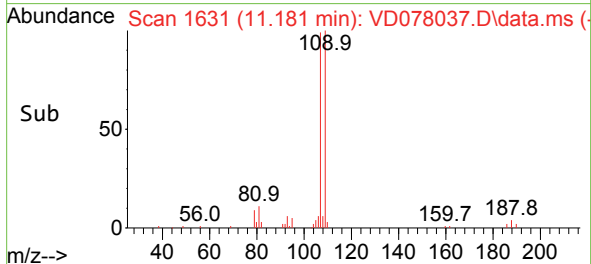
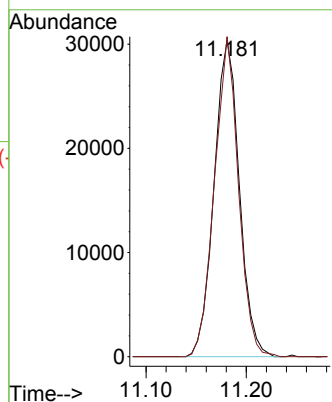
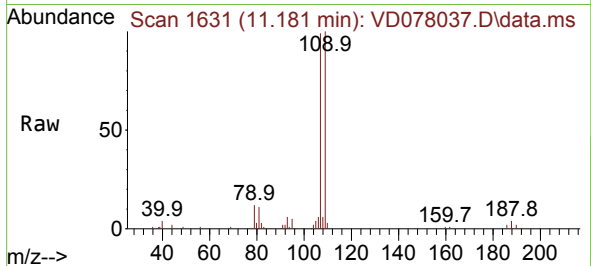




#61
1,2-Dibromoethane
Concen: 52.328 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

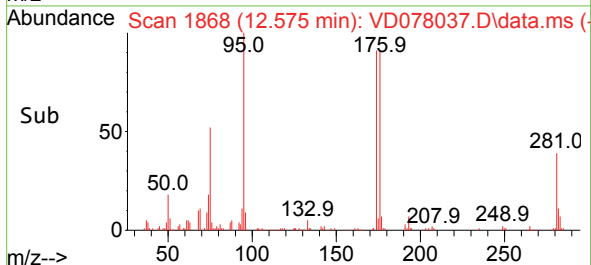
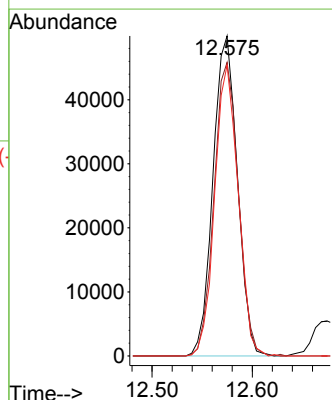
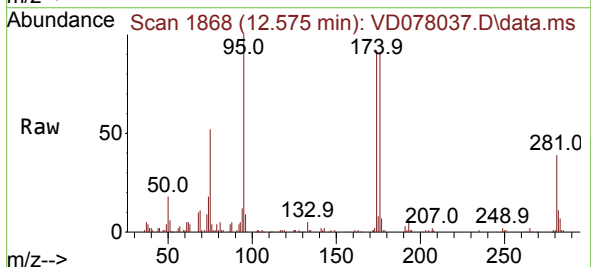
Instrument :
MSVOA_D
ClientSampleId :

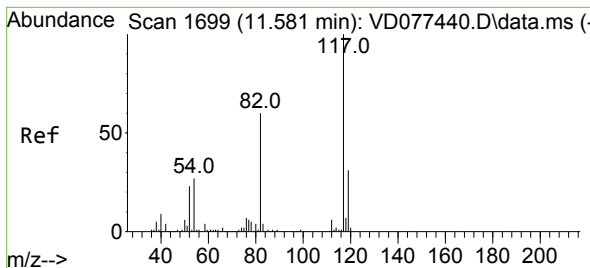
Tgt Ion:107 Resp: 53074
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.286 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 95 Resp: 84456
Ion Ratio Lower Upper
95 100
174 91.1 0.0 201.8
176 87.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

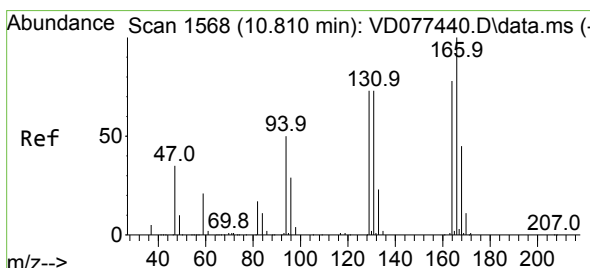
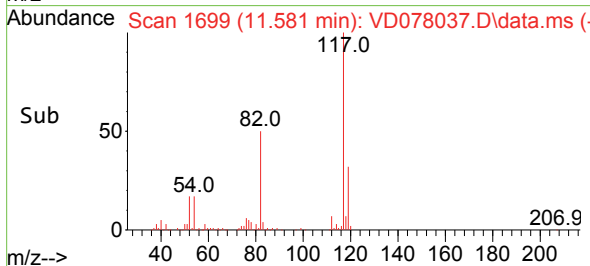
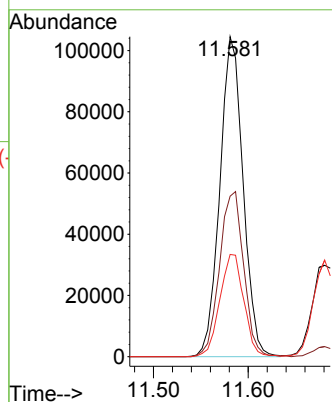
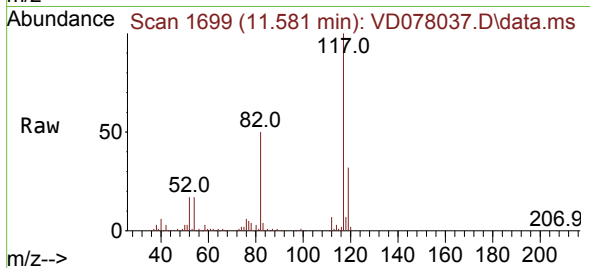
Tgt Ion:117 Resp: 178237

Ion Ratio Lower Upper

117 100

82 50.1 38.3 57.5

119 32.0 25.0 37.4



#64

Tetrachloroethene

Concen: 51.155 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Tgt Ion:164 Resp: 67014

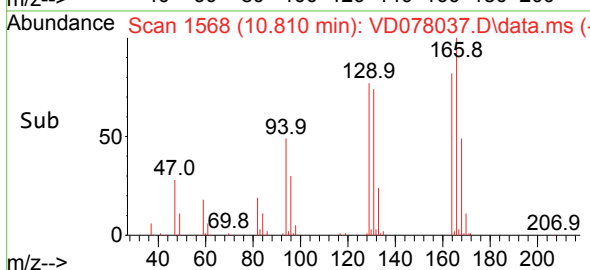
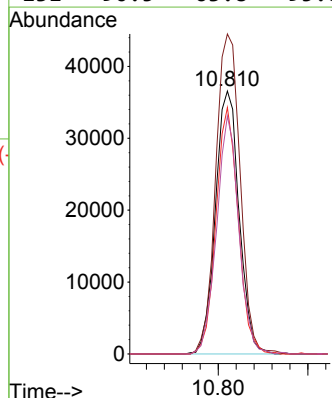
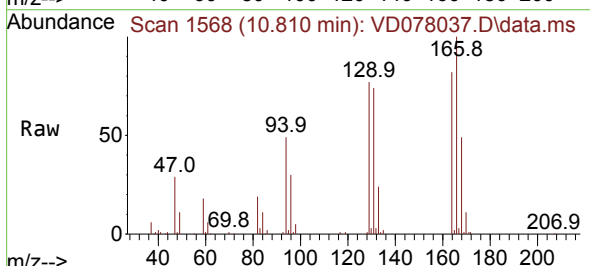
Ion Ratio Lower Upper

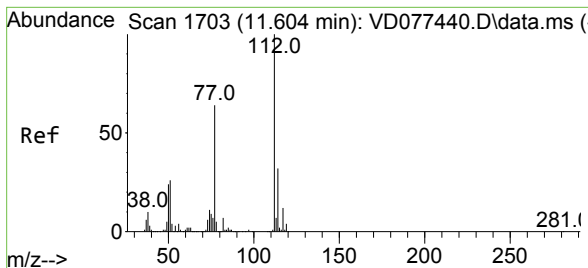
164 100

166 121.7 99.2 148.8

129 93.7 68.4 102.6

131 90.5 63.8 95.8





#65

Chlorobenzene

Concen: 51.035 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

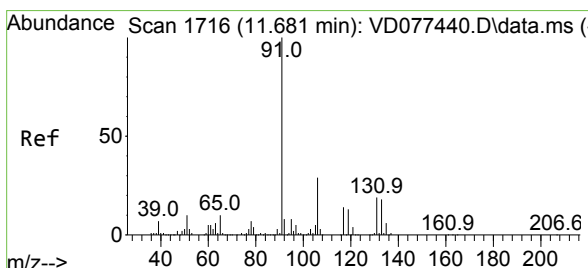
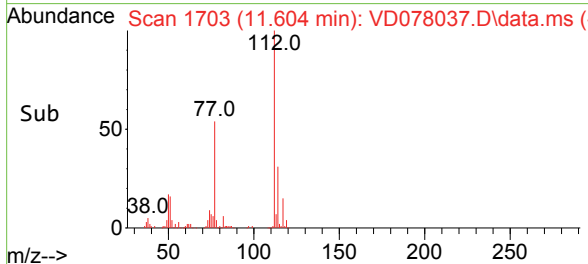
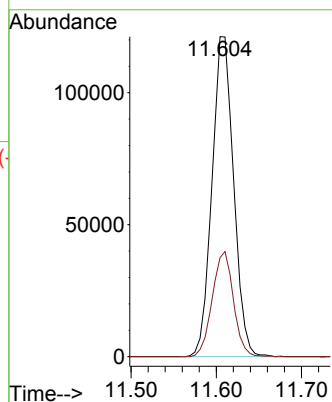
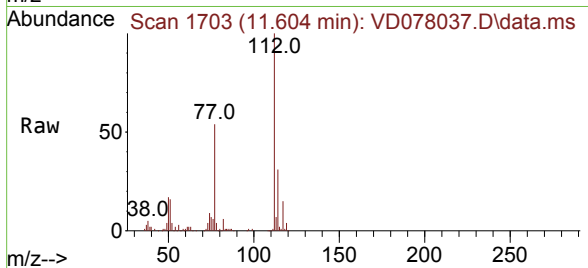
ClientSampleId :

Tgt Ion:112 Resp: 214267

Ion Ratio Lower Upper

112 100

114 30.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 54.384 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

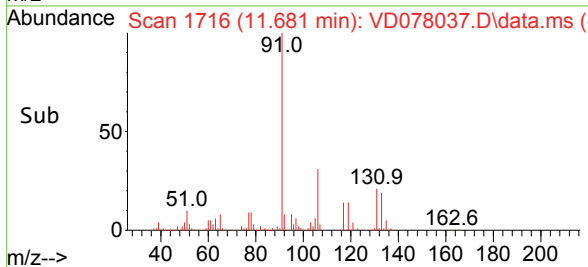
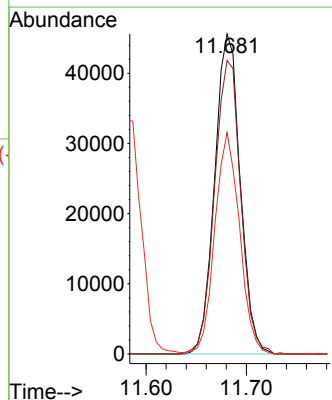
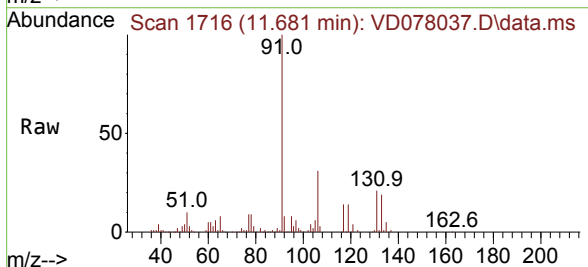
Tgt Ion:131 Resp: 80606

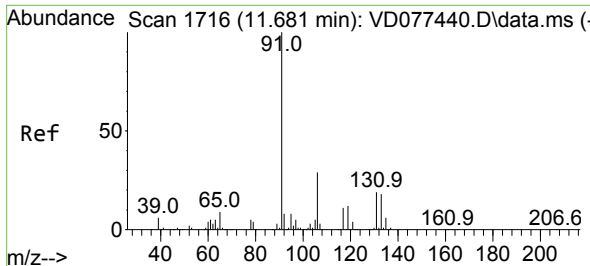
Ion Ratio Lower Upper

131 100

133 94.0 48.5 145.5

119 67.2 35.6 106.9

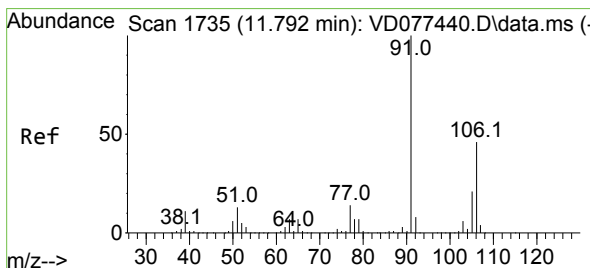
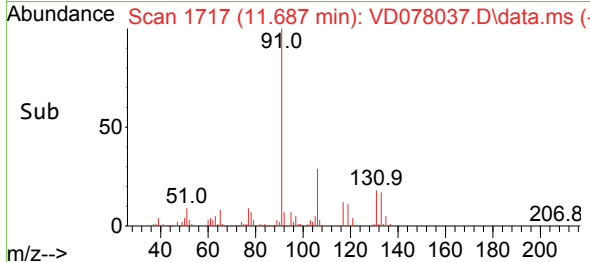
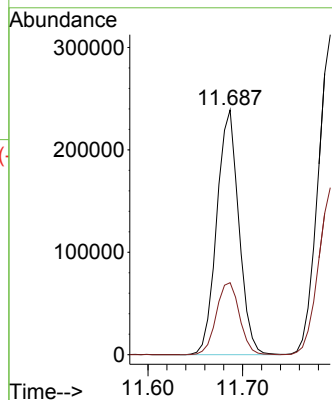
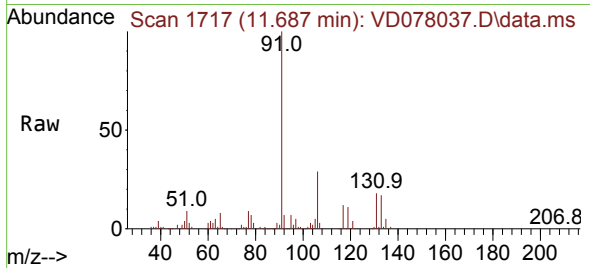




#67
Ethyl Benzene
Concen: 52.129 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

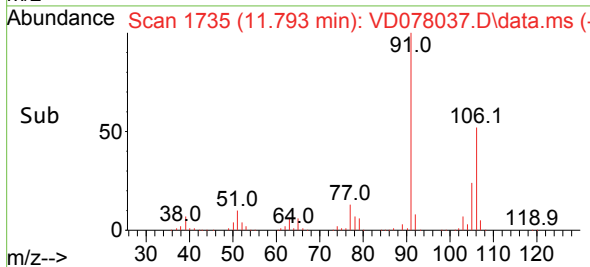
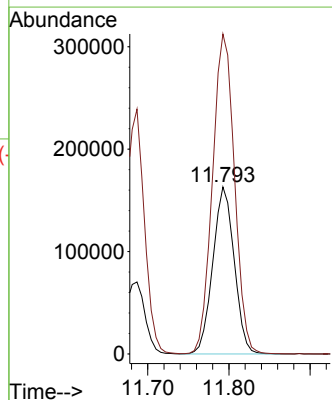
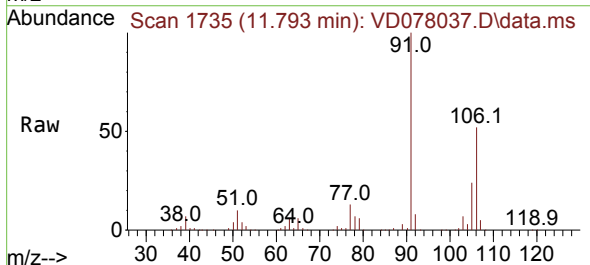
Instrument :
MSVOA_D
ClientSampleId :

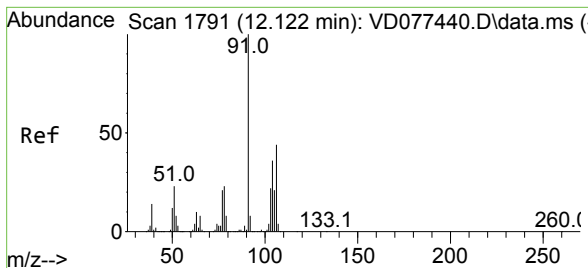
Tgt Ion: 91 Resp: 386825
Ion Ratio Lower Upper
91 100
106 29.4 26.5 39.7



#68
m/p-Xylenes
Concen: 105.339 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 106 Resp: 298995
Ion Ratio Lower Upper
106 100
91 197.2 147.0 220.6

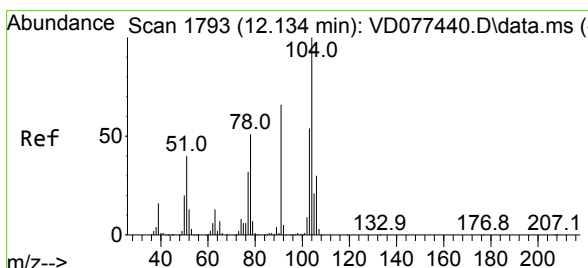
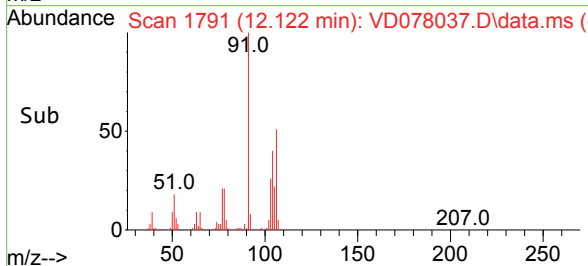
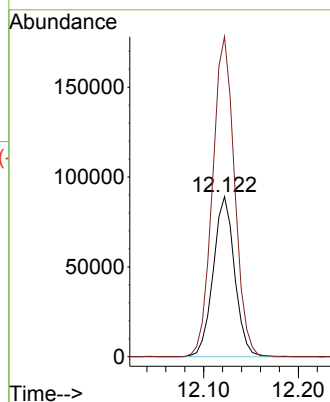
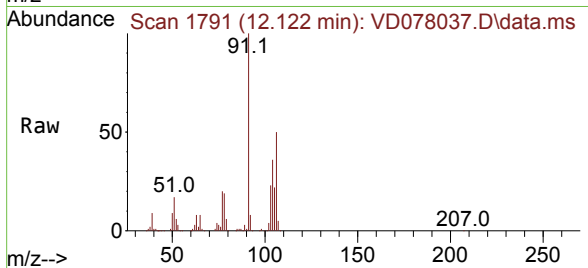




#69
o-Xylene
Concen: 53.351 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

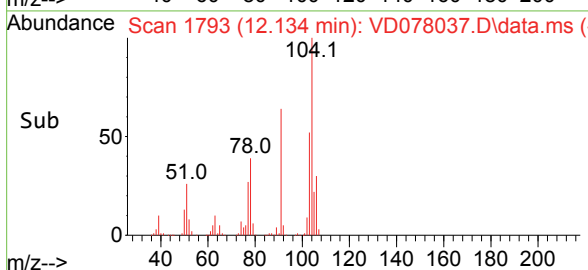
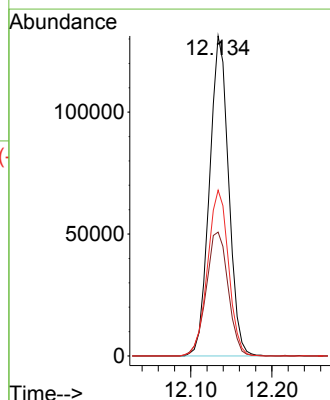
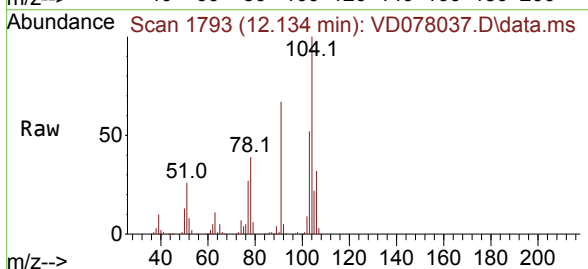
Instrument :
MSVOA_D
ClientSampleId :

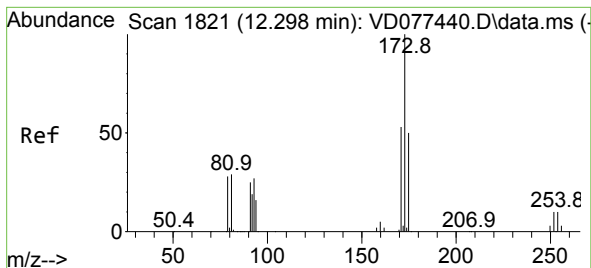
Tgt Ion:106 Resp: 139562
Ion Ratio Lower Upper
106 100
91 206.7 97.9 293.6



#70
Styrene
Concen: 55.241 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion:104 Resp: 214873
Ion Ratio Lower Upper
104 100
78 44.5 33.2 49.8
103 56.7 43.6 65.4





#71

Bromoform

Concen: 53.463 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078037.D

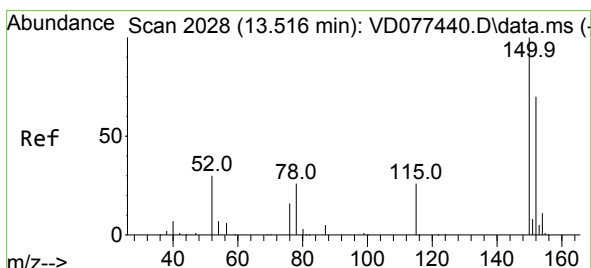
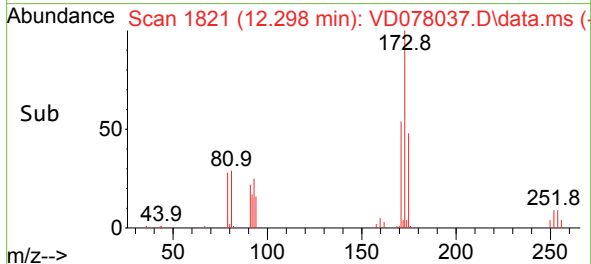
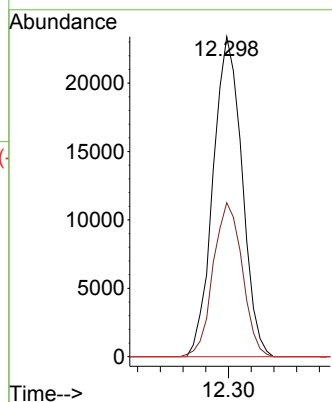
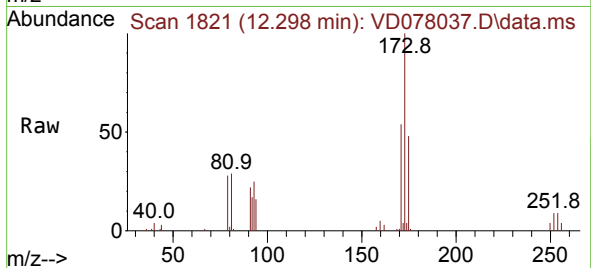
Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	41404
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

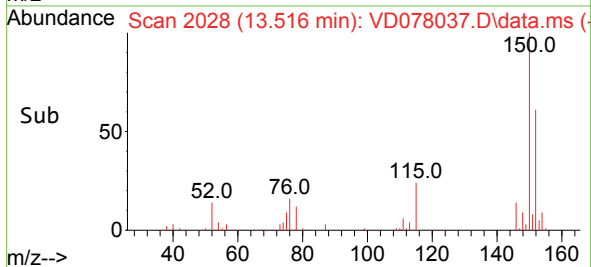
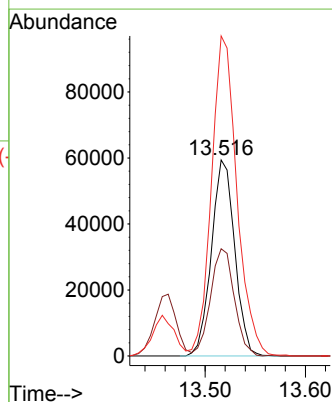
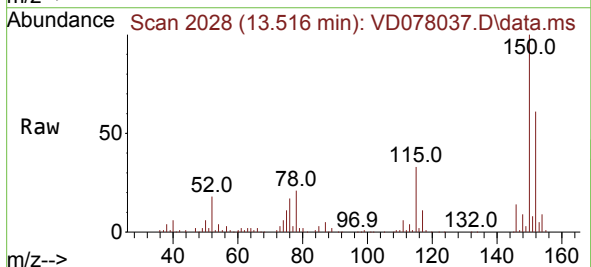
RT: 13.516 min Scan# 2028

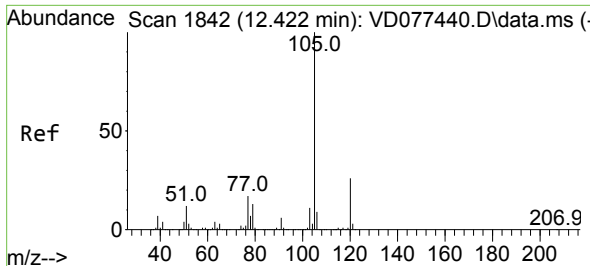
Delta R.T. -0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

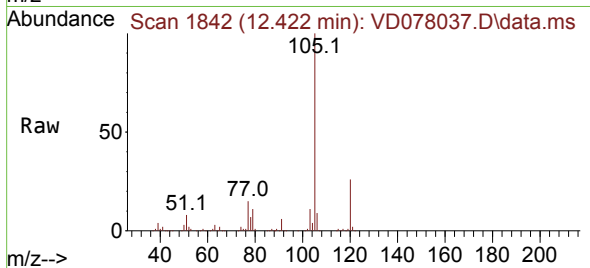
Tgt Ion:152	Resp:	95866
Ion Ratio	Lower	Upper
152	100	
115	55.9	27.1 81.3
150	178.5	0.0 353.6



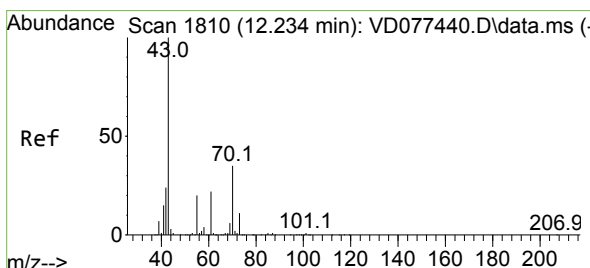
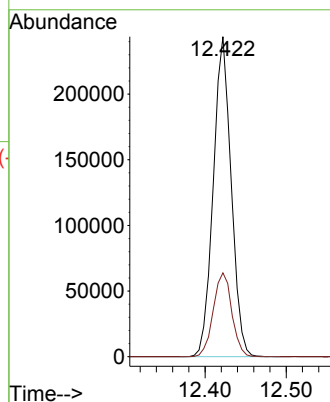
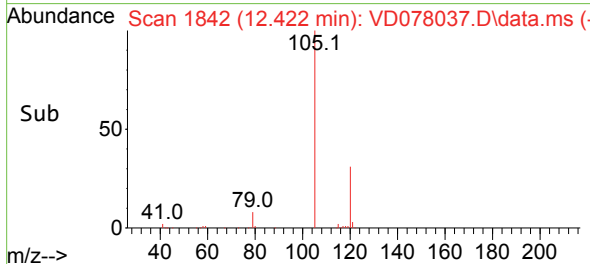


#73
Isopropylbenzene
Concen: 51.418 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

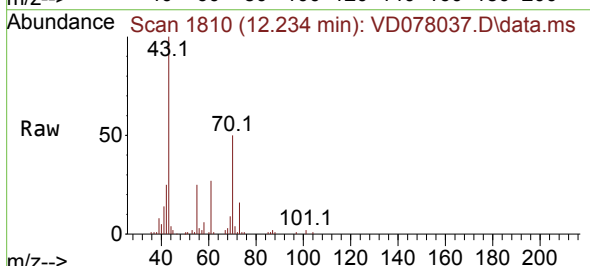
Instrument :
MSVOA_D
ClientSampleId :



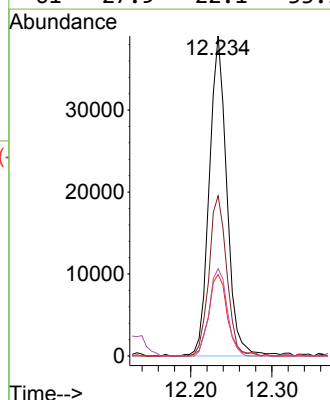
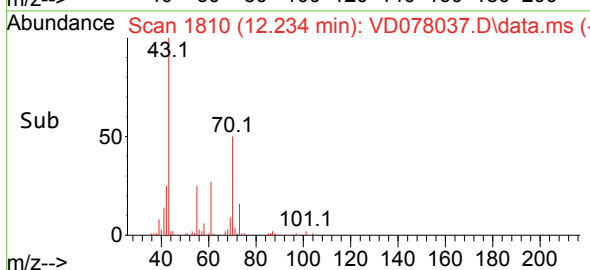
Tgt Ion:105 Resp: 373596
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9

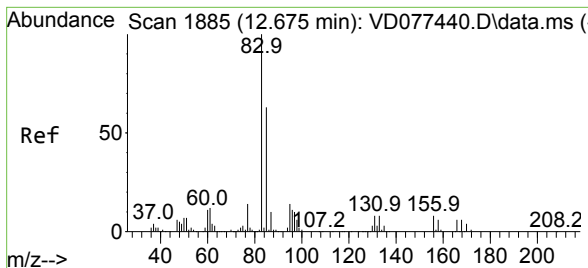


#74
N-ethyl acetate
Concen: 41.001 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16



Tgt Ion: 43 Resp: 58560
Ion Ratio Lower Upper
43 100
70 50.7 45.0 67.4
55 27.4 23.8 35.6
61 27.9 22.1 33.1

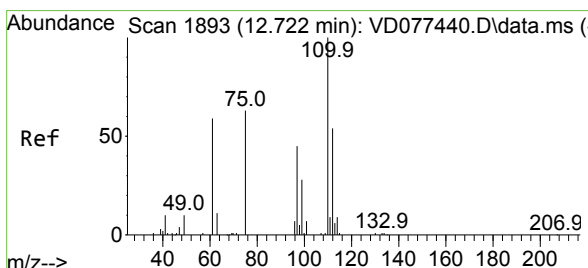
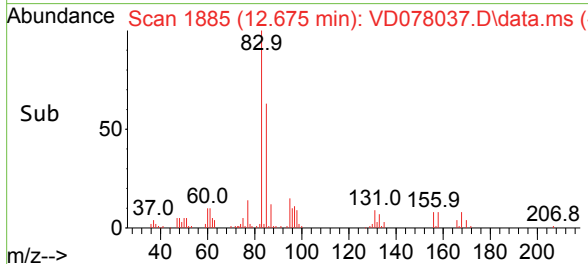
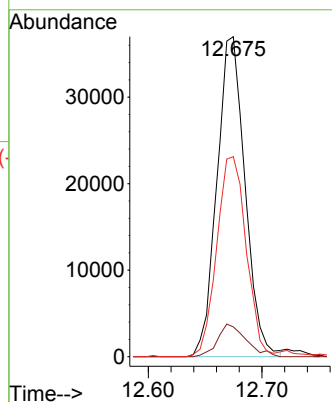
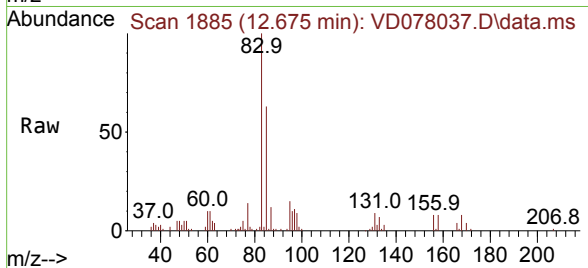




#75
1,1,2,2-Tetrachloroethane
Concen: 50.271 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

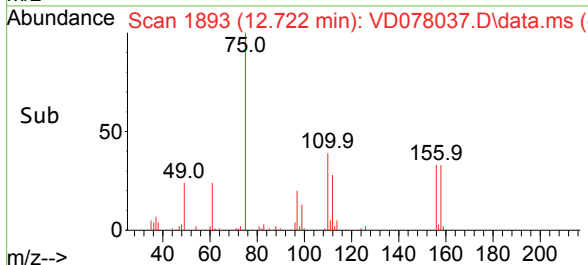
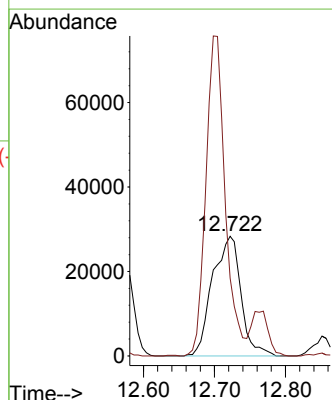
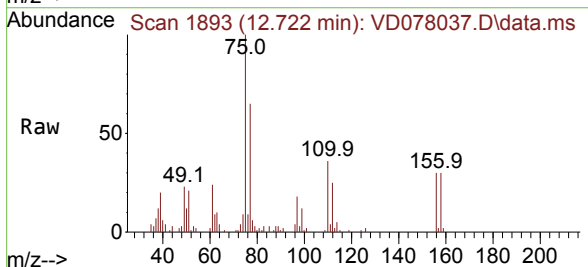
Instrument :
MSVOA_D
ClientSampleId :

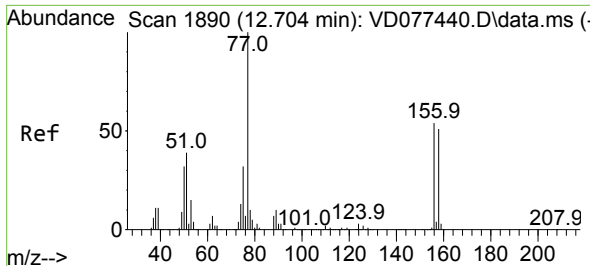
Tgt Ion: 83 Resp: 63688
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 65.2 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 94.792 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 75 Resp: 78924
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

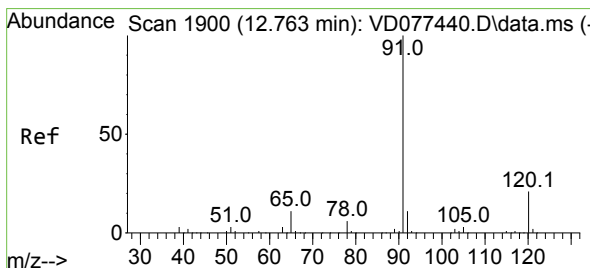
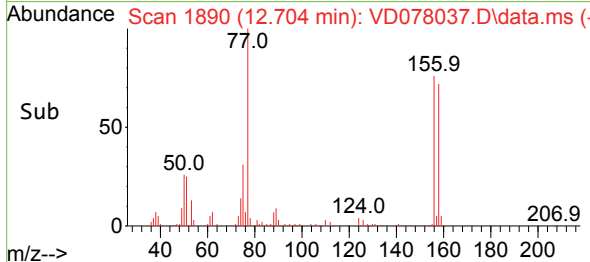
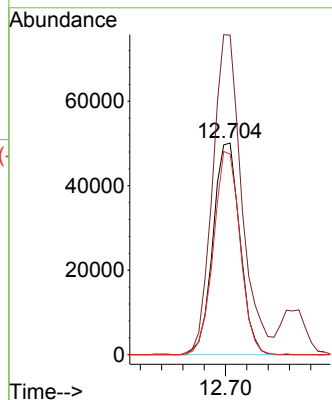
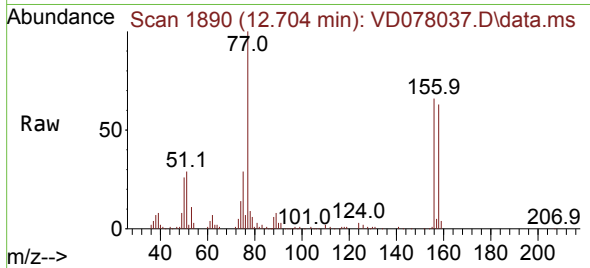




#77
Bromobenzene
Concen: 51.285 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

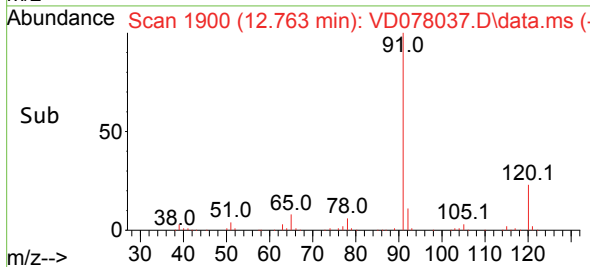
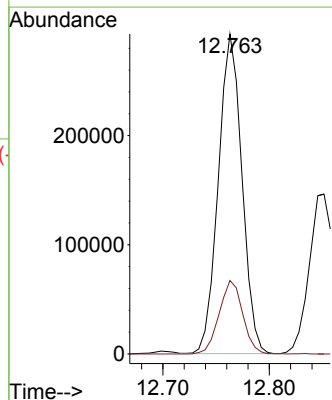
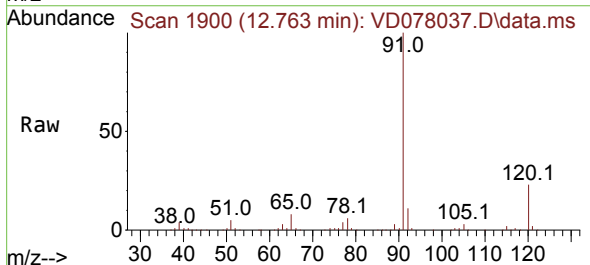
Instrument :
MSVOA_D
ClientSampleId :

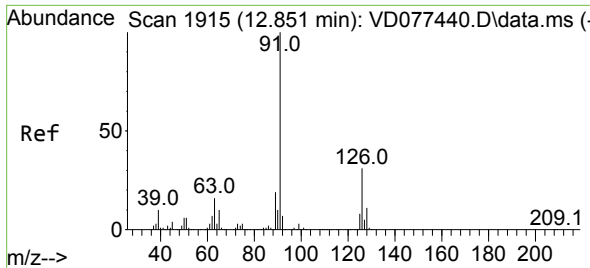
Tgt Ion	Ratio	Lower	Upper
156	100		
77	164.6	76.8	230.4
158	95.0	48.6	145.9



#78
n-propylbenzene
Concen: 50.885 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	12.4	37.2

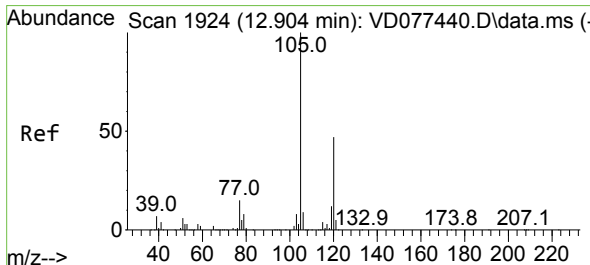
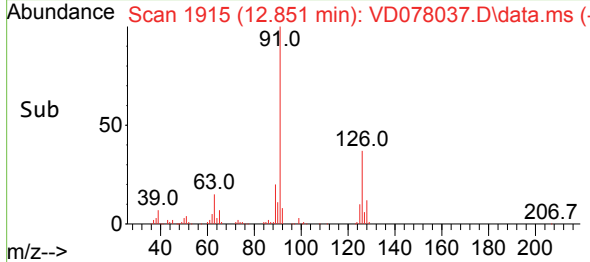
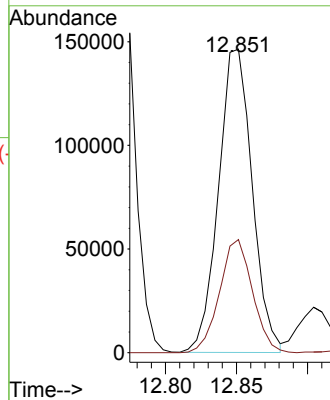
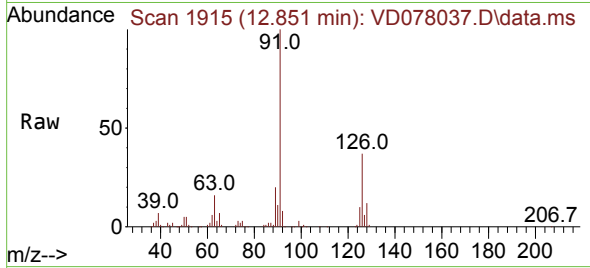




#79
2-Chlorotoluene
Concen: 50.903 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

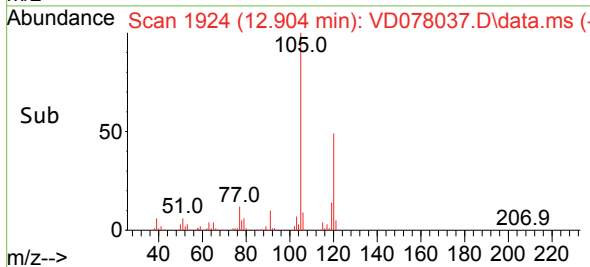
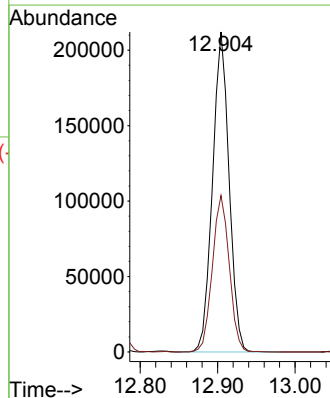
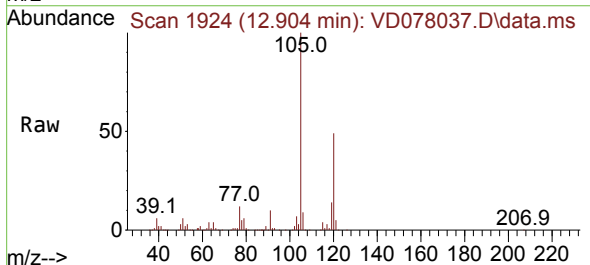
Instrument :
MSVOA_D
ClientSampleId :

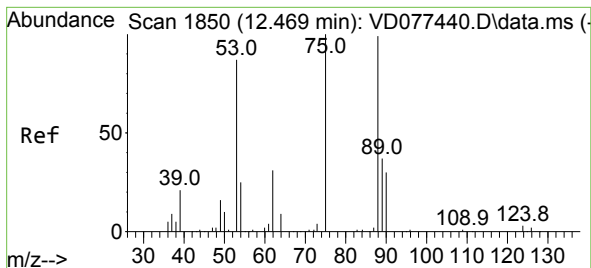
Tgt Ion: 91 Resp: 241520
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.892 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 105 Resp: 314460
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2

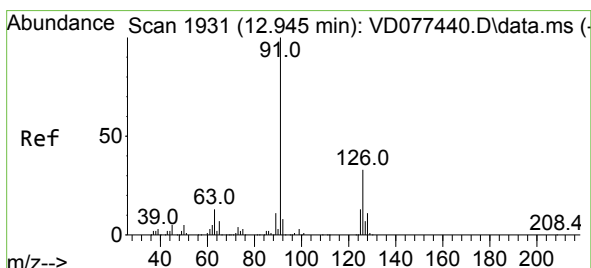
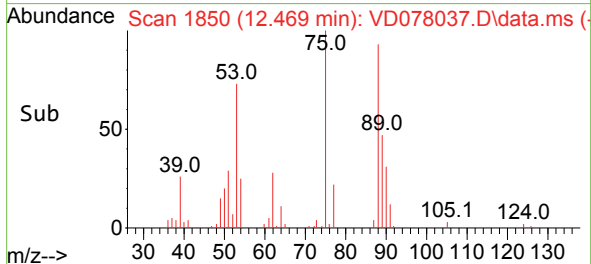
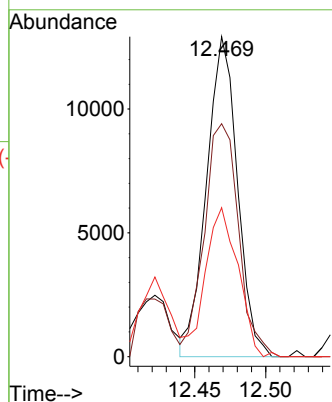
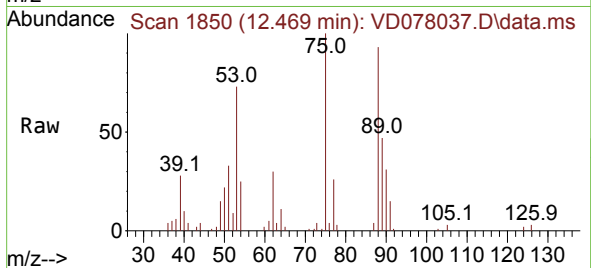




#81
trans-1,4-Dichloro-2-butene
Concen: 47.561 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

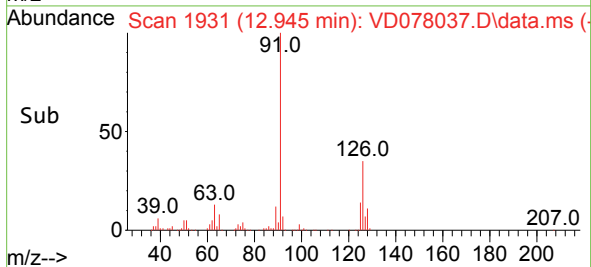
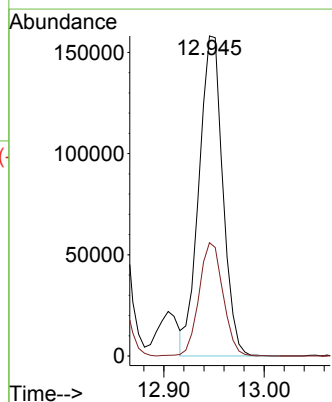
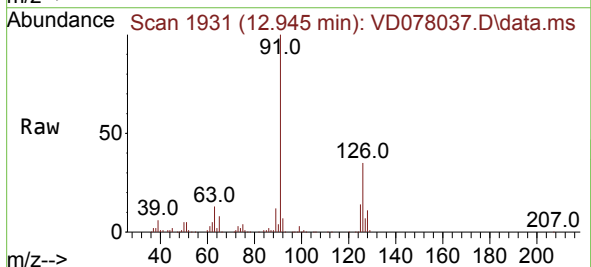
Instrument :
MSVOA_D
ClientSampleId :

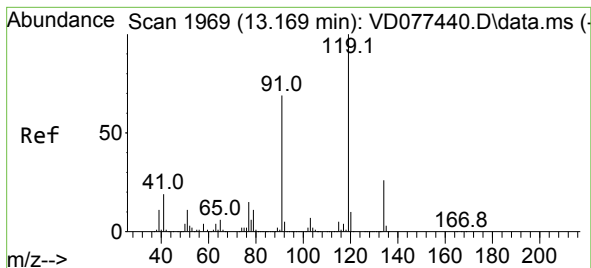
Tgt Ion: 75 Resp: 19545
Ion Ratio Lower Upper
75 100
53 80.9 63.0 94.4
89 49.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.614 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion: 91 Resp: 260981
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 53.276 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

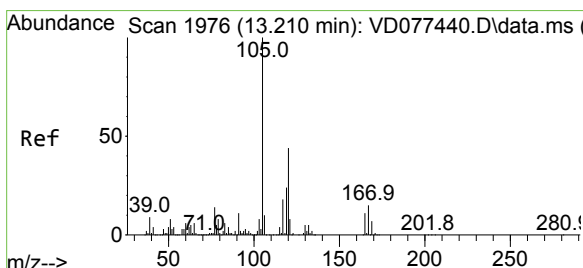
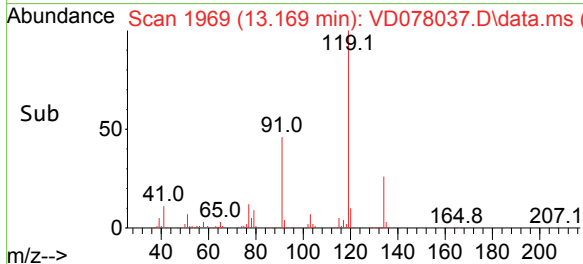
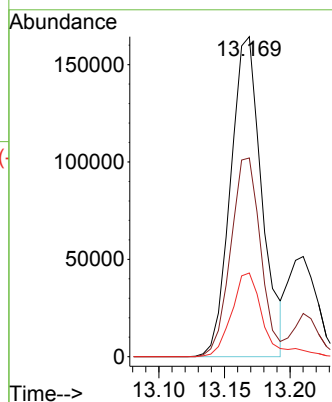
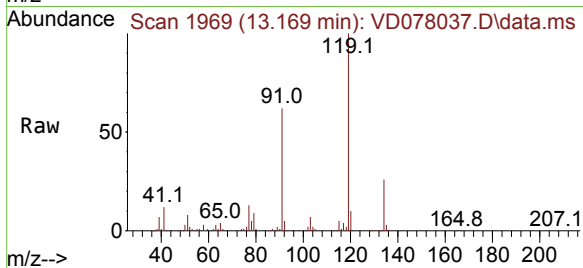
Tgt Ion:119 Resp: 272557

Ion Ratio Lower Upper

119 100

91 59.7 29.3 87.8

134 26.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 53.140 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078037.D

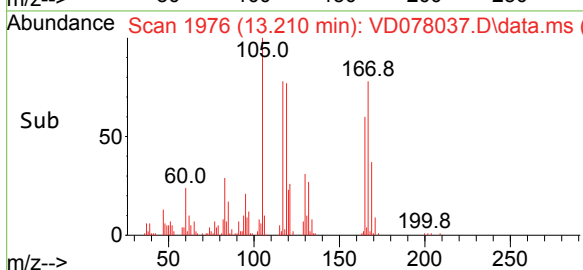
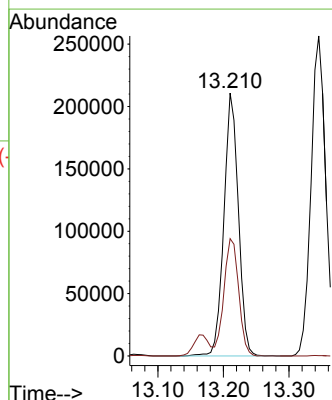
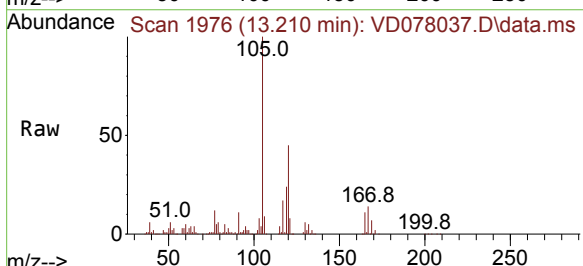
Acq: 21 Dec 2023 20:16

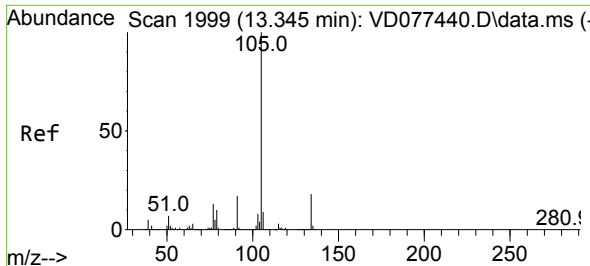
Tgt Ion:105 Resp: 322088

Ion Ratio Lower Upper

105 100

120 45.1 24.3 72.9

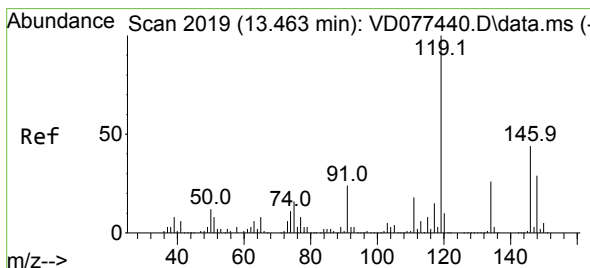
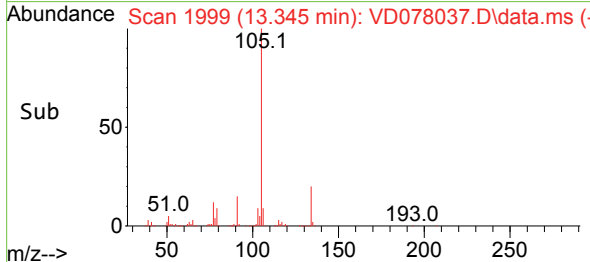
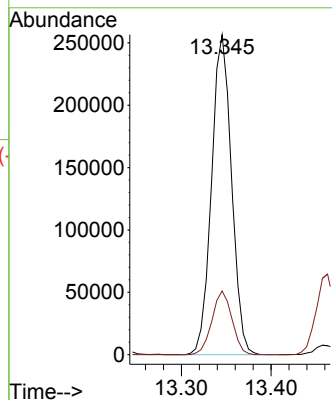
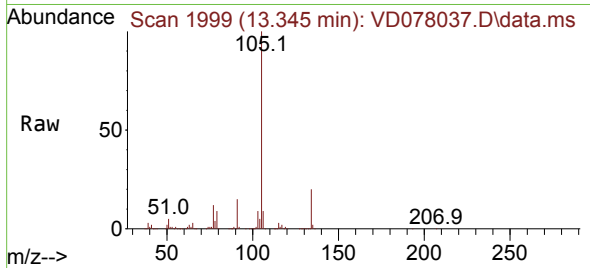




#85
 sec-Butylbenzene
 Concen: 52.445 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

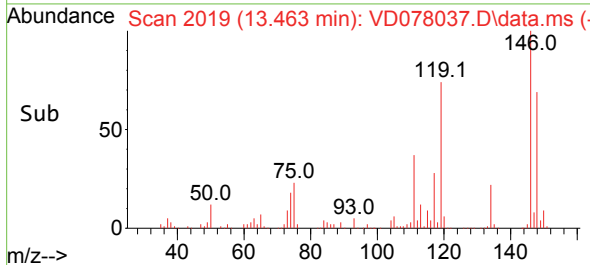
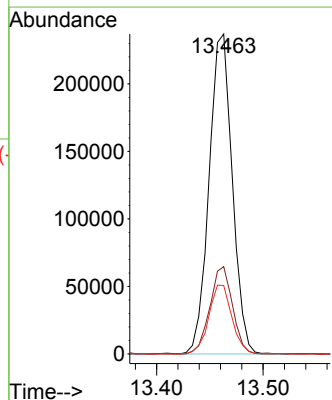
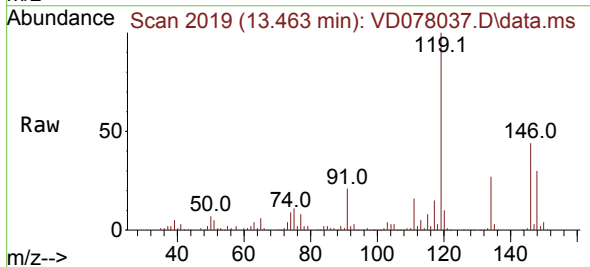
Instrument :
 MSVOA_D
 ClientSampleId :

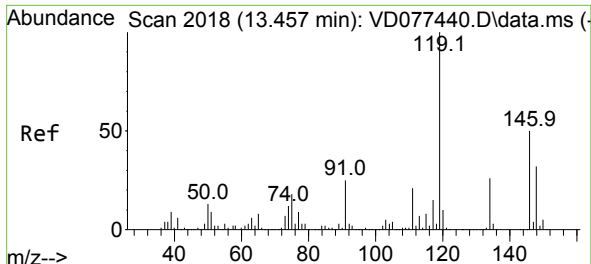
Tgt Ion:105 Resp: 396604
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.922 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078037.D
 Acq: 21 Dec 2023 20:16

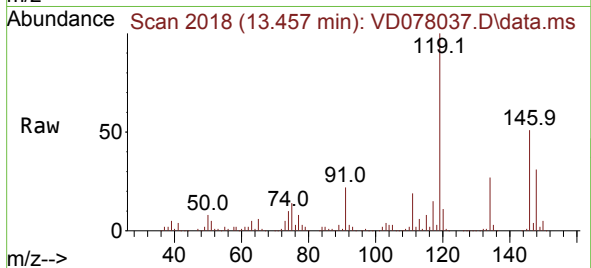
Tgt Ion:119 Resp: 358314
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.6 10.5 31.5



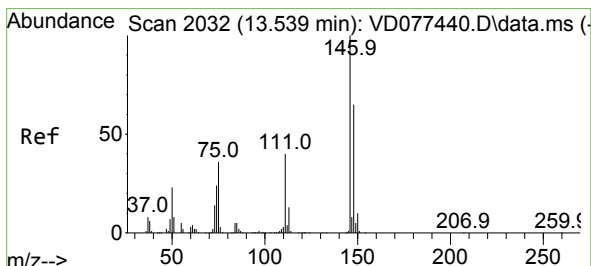
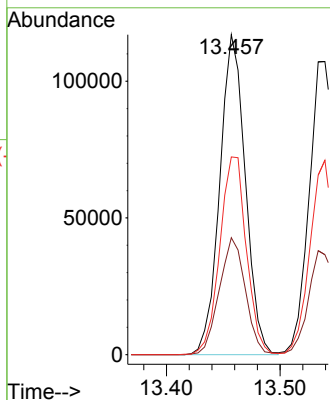
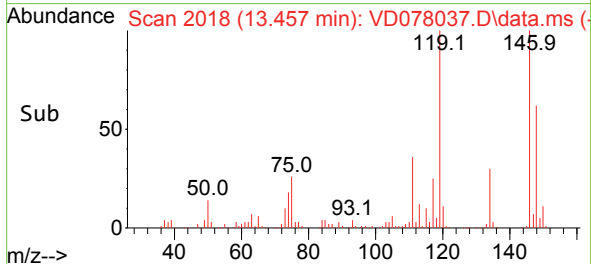


#87
1,3-Dichlorobenzene
Concen: 52.406 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

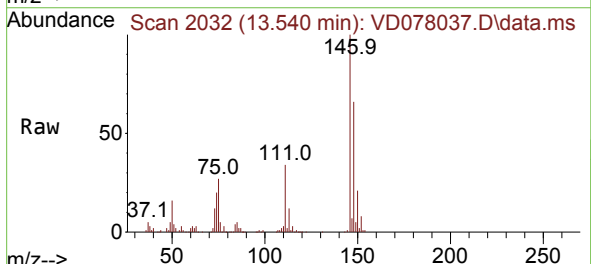
Instrument :
MSVOA_D
ClientSampleId :



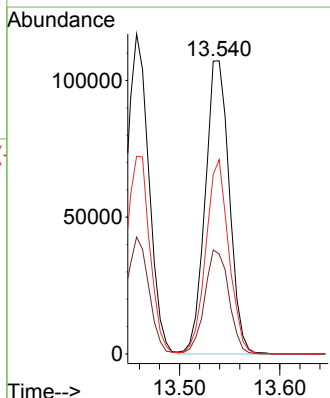
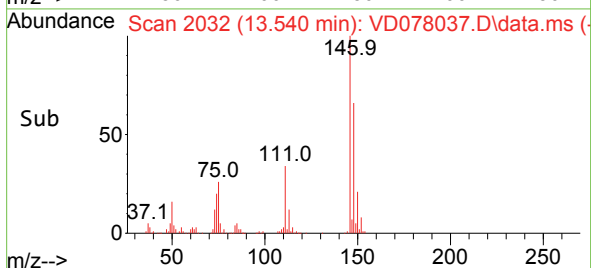
Tgt Ion:146 Resp: 183154
Ion Ratio Lower Upper
146 100
111 37.3 17.9 53.8
148 64.3 32.3 96.8

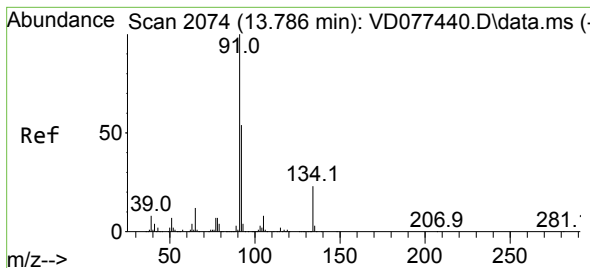


#88
1,4-Dichlorobenzene
Concen: 51.437 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16



Tgt Ion:146 Resp: 179273
Ion Ratio Lower Upper
146 100
111 35.6 17.4 52.3
148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 51.419 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

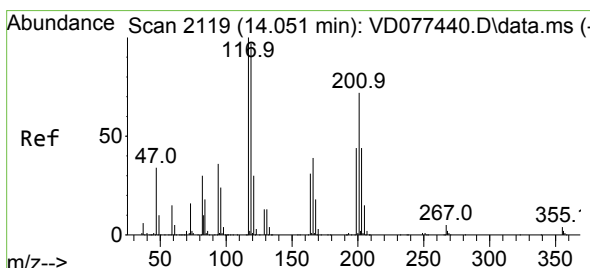
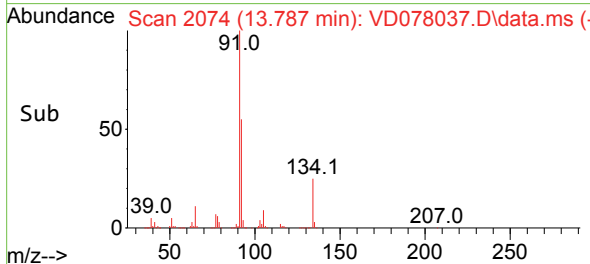
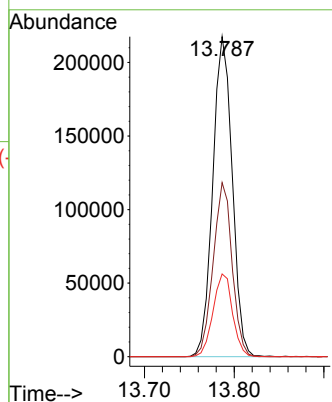
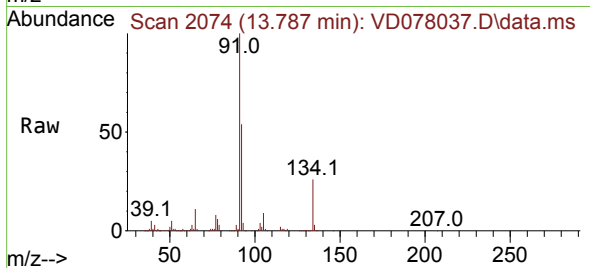
Tgt Ion: 91 Resp: 327588

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 55.928 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078037.D

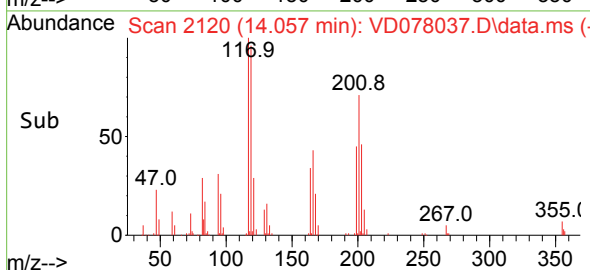
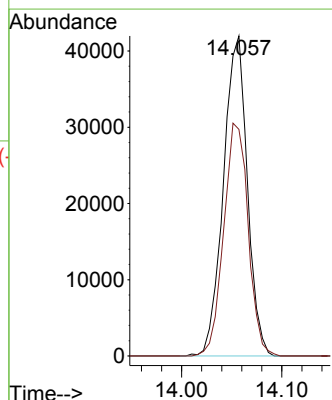
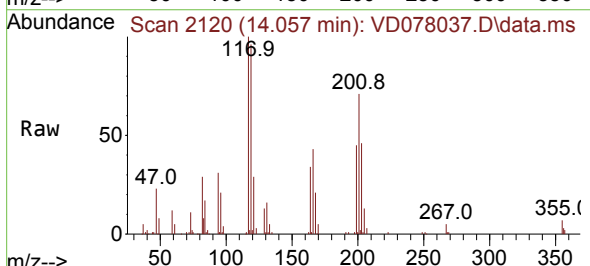
Acq: 21 Dec 2023 20:16

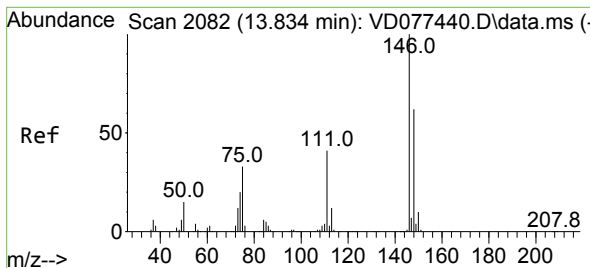
Tgt Ion: 117 Resp: 69640

Ion Ratio Lower Upper

117 100

201 74.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 52.520 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

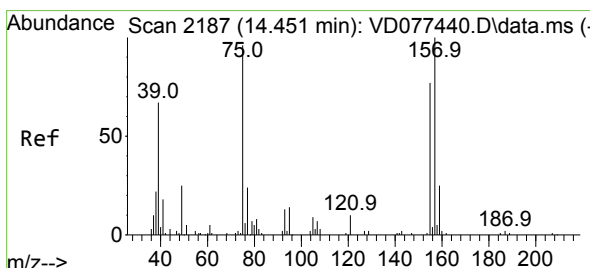
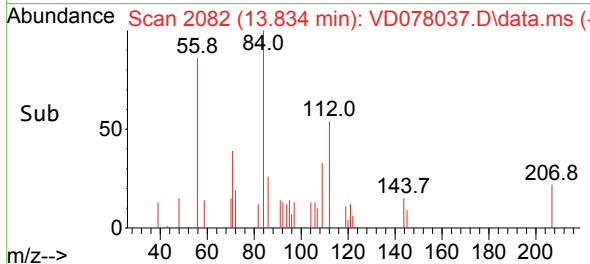
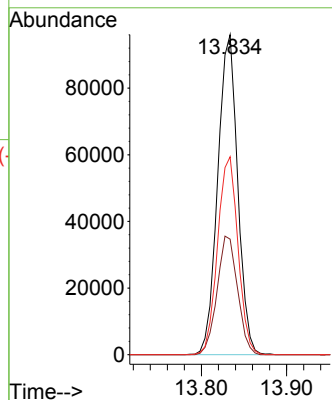
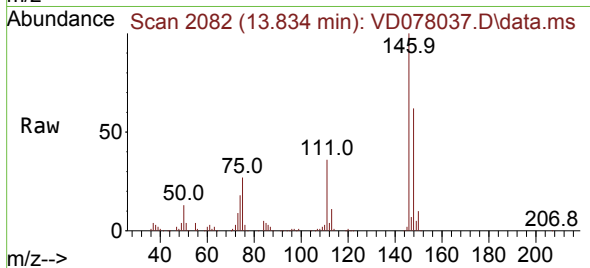
Tgt Ion:146 Resp: 156107

Ion Ratio Lower Upper

146 100

111 38.0 18.3 54.8

148 63.2 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.139 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

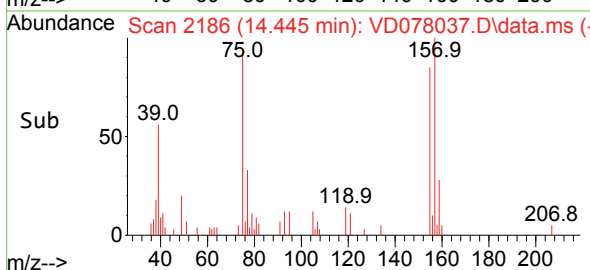
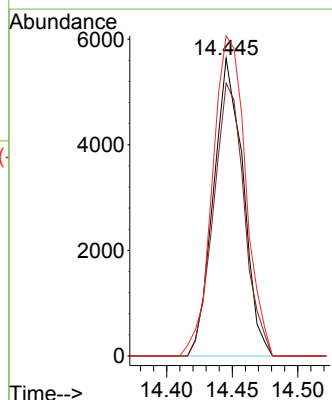
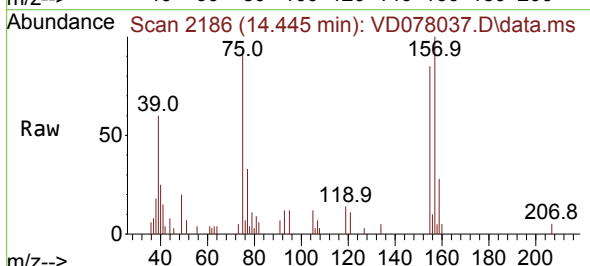
Tgt Ion: 75 Resp: 8841

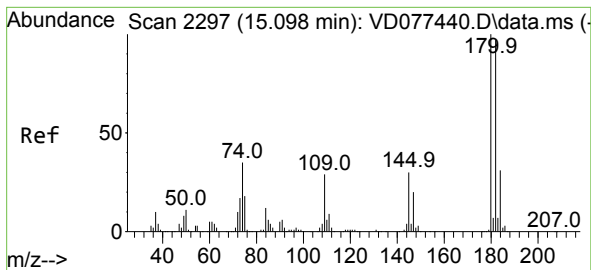
Ion Ratio Lower Upper

75 100

155 95.3 47.9 143.8

157 120.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 46.095 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

Instrument :

MSVOA_D

ClientSampleId :

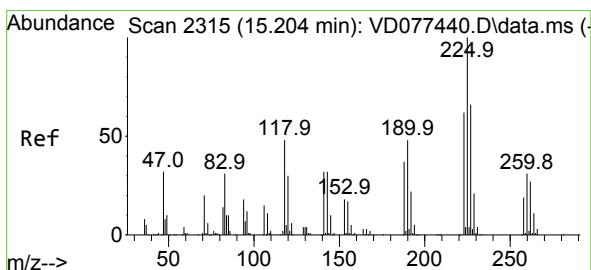
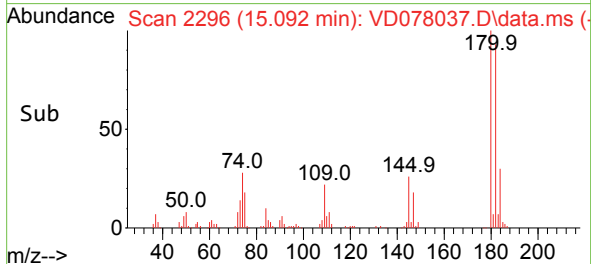
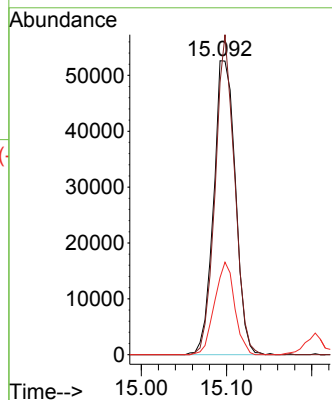
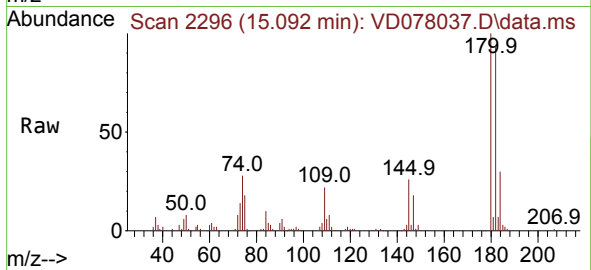
Tgt Ion:180 Resp: 93585

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 46.881 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078037.D

Acq: 21 Dec 2023 20:16

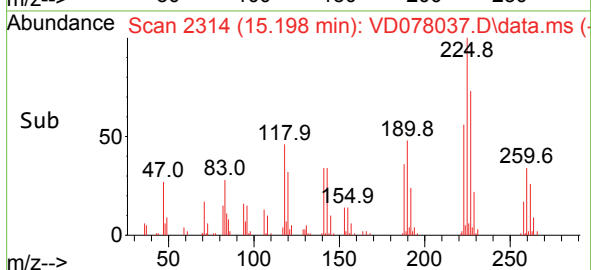
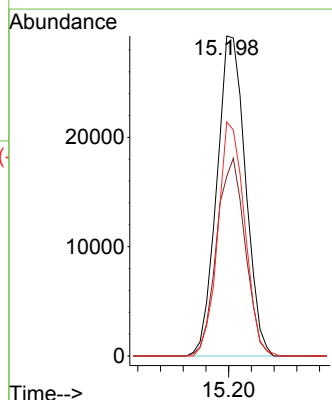
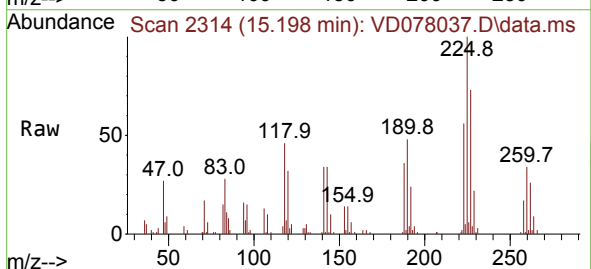
Tgt Ion:225 Resp: 51326

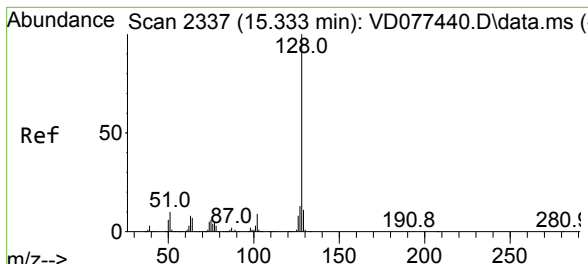
Ion Ratio Lower Upper

225 100

223 61.5 31.6 94.8

227 68.2 31.7 95.1

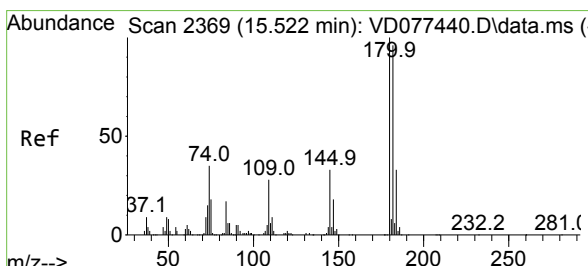
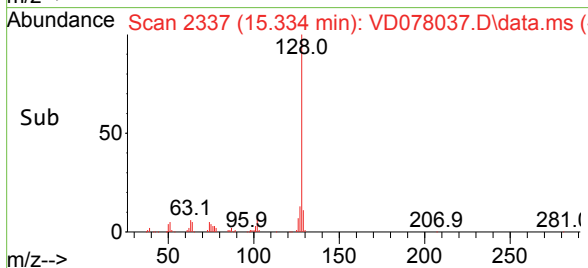
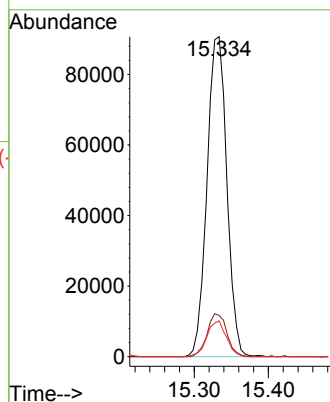
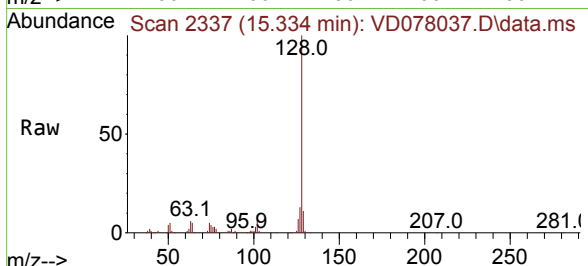




#95
Naphthalene
Concen: 50.026 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 168752
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 48.846 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078037.D
Acq: 21 Dec 2023 20:16

Tgt Ion:180 Resp: 81758
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.9
145 32.4 15.1 45.3

