

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122223\
 Data File : VD078056.D
 Acq On : 22 Dec 2023 11:19
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 23 03:33:12 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	158088	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	248686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	230033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	73904	39.673	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.340%
35) Dibromofluoromethane	7.810	113	81268	46.653	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.300%
50) Toluene-d8	10.275	98	311002	44.577	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.160%
62) 4-Bromofluorobenzene	12.575	95	95122	45.603	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.940	85	87460	44.289	ug/l	98
3) Chloromethane	2.152	50	126687	47.065	ug/l	97
4) Vinyl Chloride	2.293	62	189969	51.986	ug/l	100
5) Bromomethane	2.699	94	138617	67.603	ug/l	100
6) Chloroethane	2.846	64	132552	53.205	ug/l	98
7) Trichlorofluoromethane	3.187	101	163220	48.498	ug/l	97
8) Diethyl Ether	3.605	74	41337	43.741	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	96671	50.209	ug/l	97
10) Methyl Iodide	4.175	142	103628	59.872	ug/l	92
11) Tert butyl alcohol	5.058	59	18273	201.510	ug/l	# 87
12) 1,1-Dichloroethene	3.952	96	93049	48.966	ug/l	90
13) Acrolein	3.805	56	22032	111.807	ug/l	94
14) Allyl chloride	4.569	41	108967	41.694	ug/l	91
15) Acrylonitrile	5.263	53	86399	213.528	ug/l	98
16) Acetone	4.028	43	106486	266.594	ug/l	# 85
17) Carbon Disulfide	4.281	76	298242	46.391	ug/l	99
18) Methyl Acetate	4.569	43	62630	42.690	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	187457	46.496	ug/l	97
20) Methylene Chloride	4.811	84	102250	45.957	ug/l	# 86
21) trans-1,2-Dichloroethene	5.322	96	107998	50.176	ug/l	97
22) Diisopropyl ether	6.222	45	236100	43.229	ug/l	95
23) Vinyl Acetate	6.163	43	479395	179.744	ug/l	95
24) 1,1-Dichloroethane	6.122	63	172707	46.696	ug/l	98
25) 2-Butanone	7.087	43	120599	234.589	ug/l	88
26) 2,2-Dichloropropane	7.081	77	144212	46.440	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	111935	48.331	ug/l	91
28) Bromochloromethane	7.434	49	59722	39.961	ug/l	83
29) Tetrahydrofuran	7.457	42	61350	206.817	ug/l	93
30) Chloroform	7.599	83	174859	47.239	ug/l	99
31) Cyclohexane	7.881	56	146956	44.352	ug/l	92
32) 1,1,1-Trichloroethane	7.799	97	157495	48.264	ug/l	99
36) 1,1-Dichloropropene	8.016	75	146641	52.628	ug/l	95
37) Ethyl Acetate	7.175	43	46186	42.510	ug/l	93
38) Carbon Tetrachloride	7.999	117	146862	52.870	ug/l	99
39) Methylcyclohexane	9.275	83	180802	54.735	ug/l	97
40) Benzene	8.257	78	398975	50.450	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	25380	45.961	ug/l #	92
42) 1,2-Dichloroethane	8.328	62	100974	49.257	ug/l	94
43) Isopropyl Acetate	8.363	43	85131	44.079	ug/l	96
44) Trichloroethene	9.034	130	108048	52.428	ug/l	96
45) 1,2-Dichloropropane	9.310	63	96409	50.148	ug/l	98
46) Dibromomethane	9.399	93	52834	51.940	ug/l	93
47) Bromodichloromethane	9.587	83	133024	51.594	ug/l	100
48) Methyl methacrylate	9.387	41	48708	44.366	ug/l	82
49) 1,4-Dioxane	9.387	88	10142	1004.102	ug/l #	87
51) 4-Methyl-2-Pentanone	10.163	43	220805	224.014	ug/l	93
52) Toluene	10.334	92	260518	53.107	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	125899	50.850	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	151208	50.513	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	71678	51.516	ug/l	97
56) Ethyl methacrylate	10.598	69	59154	48.228	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	122528	51.088	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	129775	185.533	ug/l	95
59) 2-Hexanone	10.922	43	177707	217.309	ug/l	93
60) Dibromochloromethane	11.075	129	87967	52.511	ug/l	95
61) 1,2-Dibromoethane	11.181	107	69889	53.360	ug/l	100
64) Tetrachloroethene	10.810	164	90674	53.630	ug/l	98
65) Chlorobenzene	11.610	112	267435	49.292	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97330	50.881	ug/l	98
67) Ethyl Benzene	11.687	91	500245	52.234	ug/l	99
68) m/p-Xylenes	11.793	106	397794	108.591	ug/l	94
69) o-Xylene	12.122	106	180290	53.402	ug/l	94
70) Styrene	12.140	104	270027	53.789	ug/l	96
71) Bromoform	12.298	173	51140	51.166	ug/l #	99
73) Isopropylbenzene	12.422	105	483746	52.033	ug/l	98
74) N-amyl acetate	12.234	43	78323	42.858	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	80364	49.576	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	99397	93.300	ug/l #	100
77) Bromobenzene	12.704	156	110571	50.564	ug/l	92
78) n-propylbenzene	12.763	91	600787	53.033	ug/l	97
79) 2-Chlorotoluene	12.851	91	311818	51.361	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	411416	53.059	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	25627	48.737	ug/l	96
82) 4-Chlorotoluene	12.945	91	327245	51.560	ug/l	98
83) tert-Butylbenzene	13.169	119	351800	53.742	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	411553	53.066	ug/l	98
85) sec-Butylbenzene	13.345	105	528846	54.654	ug/l	97
86) p-Isopropyltoluene	13.463	119	476602	55.013	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	232568	52.007	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	226634	50.800	ug/l	99
89) n-Butylbenzene	13.787	91	452255	55.479	ug/l	98
90) Hexachloroethane	14.051	117	88747	55.702	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	197542	51.940	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11510	48.997	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	123911	47.698	ug/l	99
94) Hexachlorobutadiene	15.204	225	73182	52.241	ug/l	99
95) Naphthalene	15.333	128	221909	51.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	109186	50.981	ug/l	99

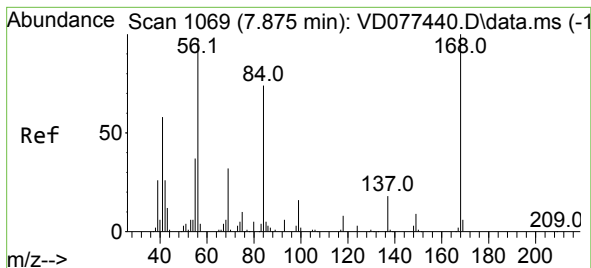
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078056.D

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Instrument :

MSVOA_D

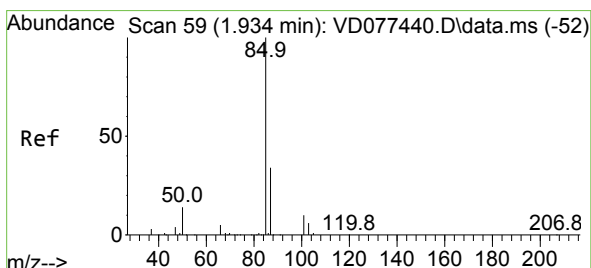
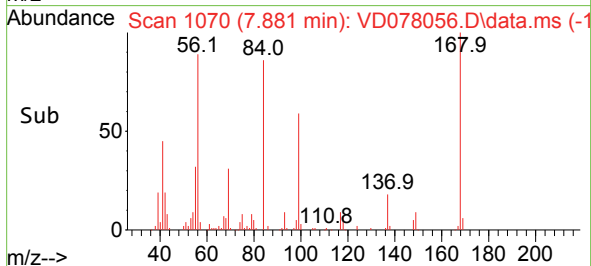
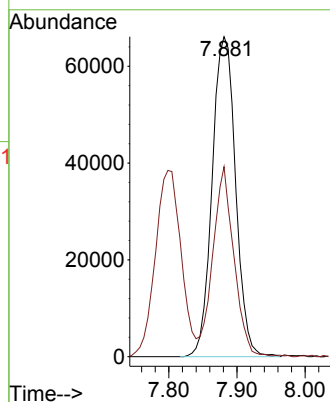
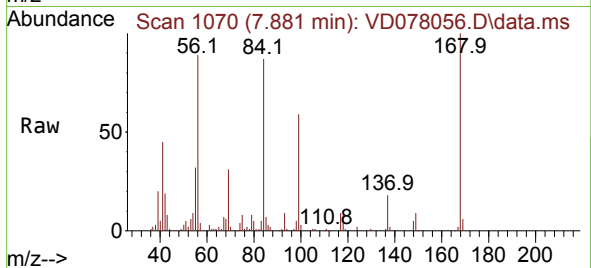
ClientSampleId :

Tgt Ion:168 Resp: 158088

Ion Ratio Lower Upper

168 100

99 58.9 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 44.289 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD078056.D

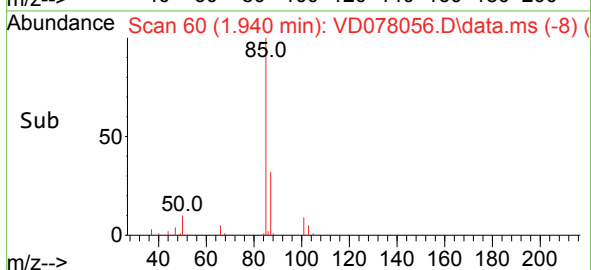
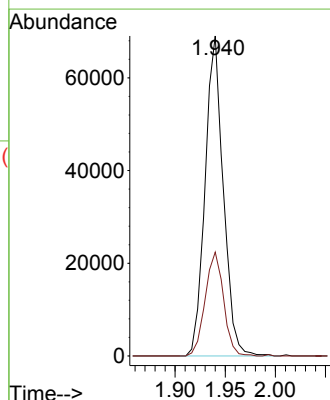
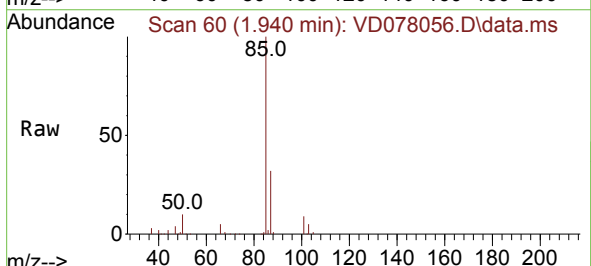
Acq: 22 Dec 2023 11:19

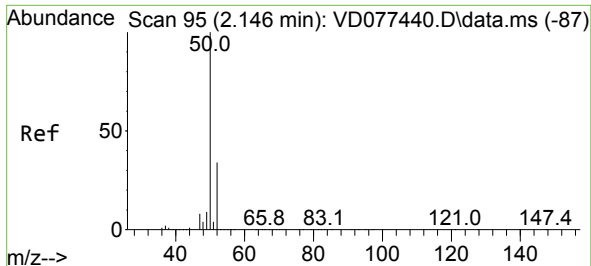
Tgt Ion: 85 Resp: 87460

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.0

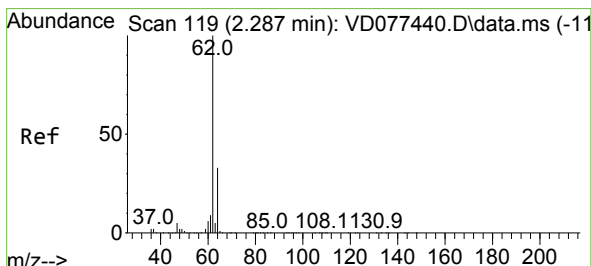
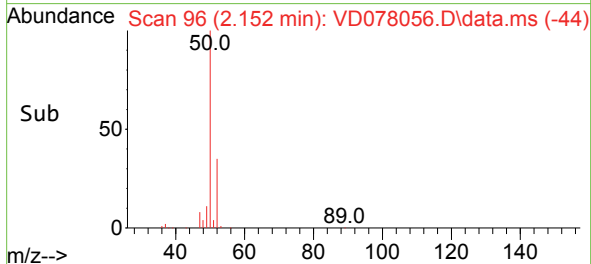
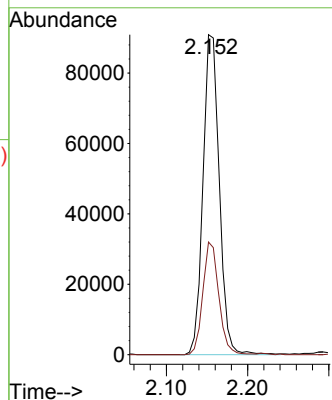
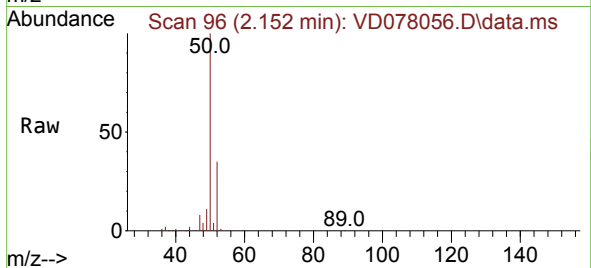




#3
Chloromethane
Concen: 47.065 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

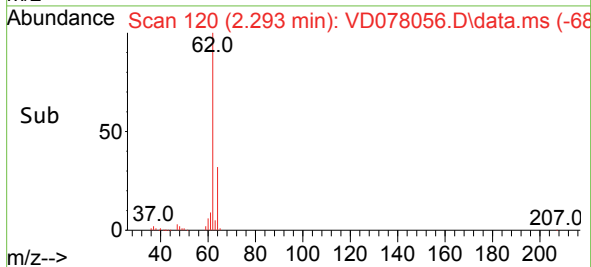
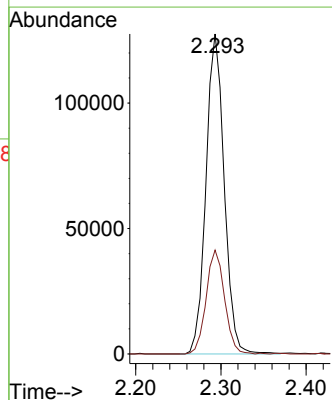
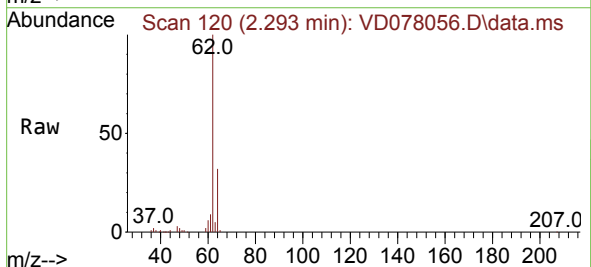
Instrument :
MSVOA_D
ClientSampleId :

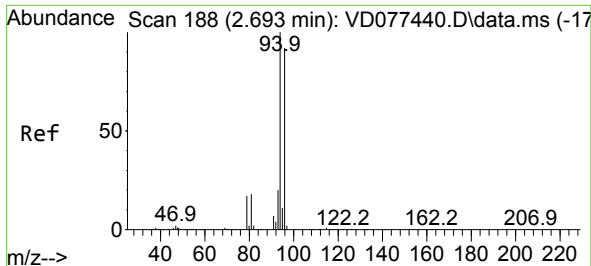
Tgt Ion: 50 Resp: 126687
Ion Ratio Lower Upper
50 100
52 35.2 26.6 40.0



#4
Vinyl Chloride
Concen: 51.986 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 62 Resp: 189969
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

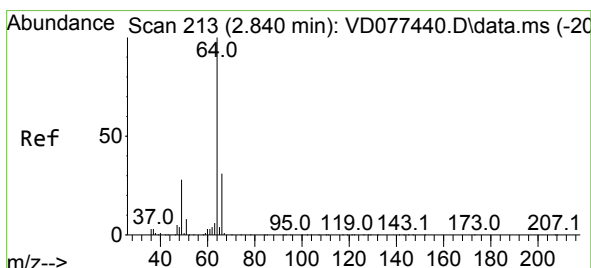
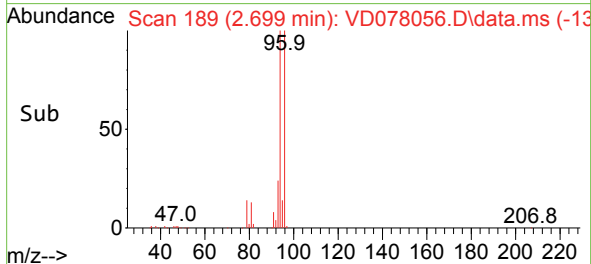
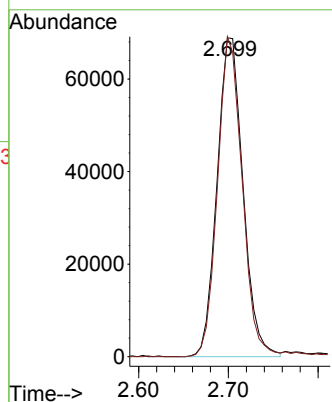
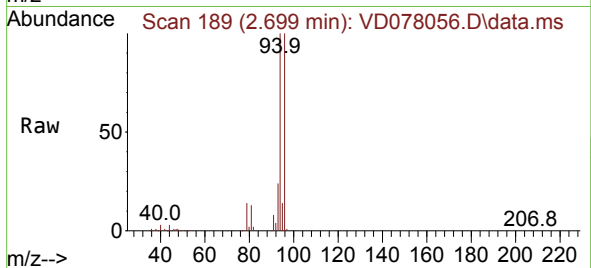




#5
Bromomethane
Concen: 67.603 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

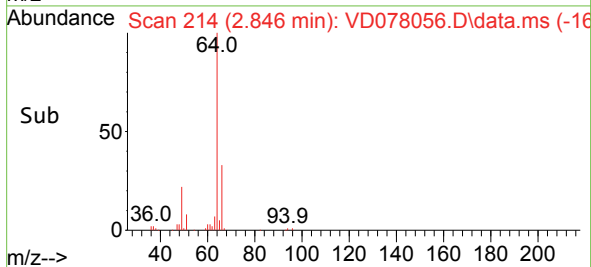
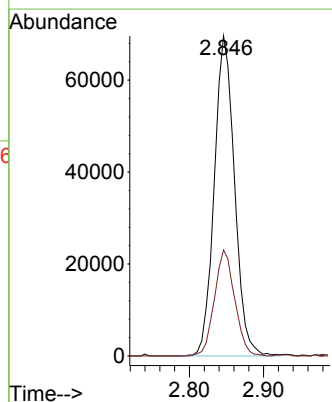
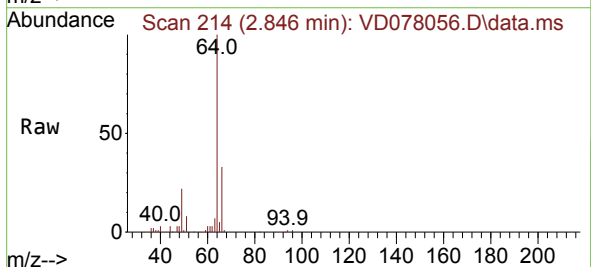
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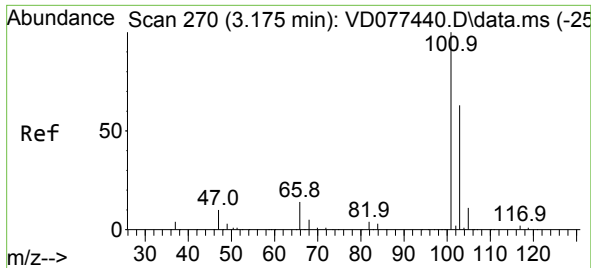
Tgt Ion: 94 Resp: 138617
Ion Ratio Lower Upper
94 100
96 94.9 75.8 113.8



#6
Chloroethane
Concen: 53.205 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 64 Resp: 132552
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

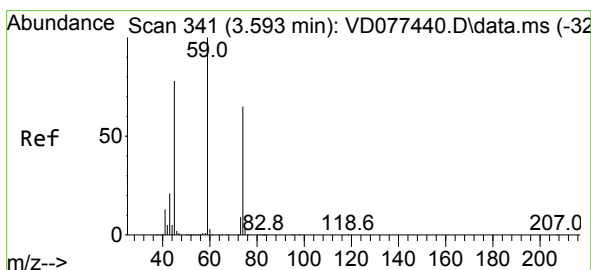
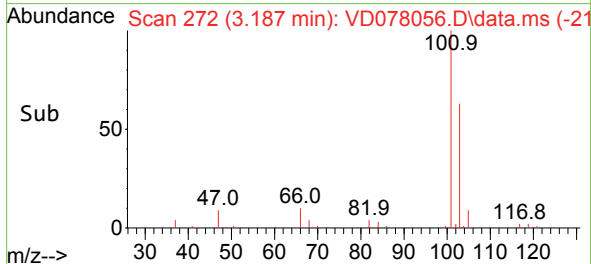
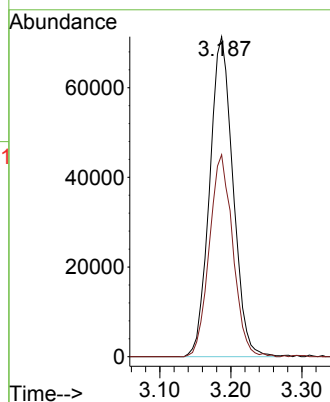
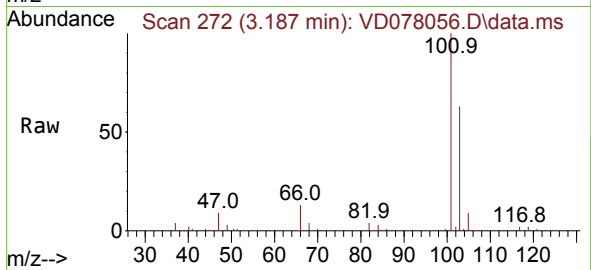




#7
 Trichlorofluoromethane
 Concen: 48.498 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

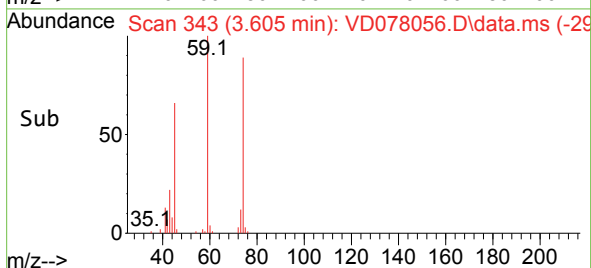
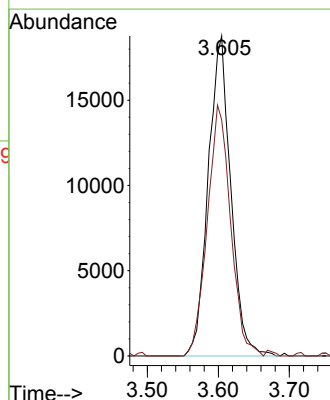
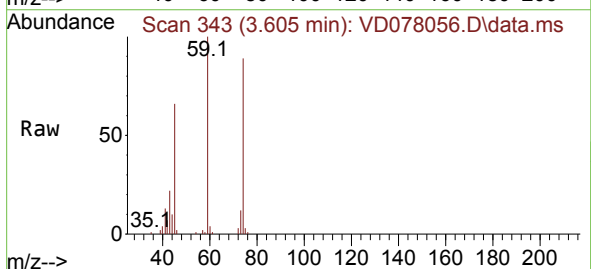
Instrument :
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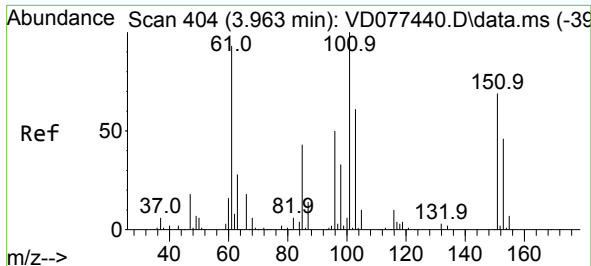
Tgt Ion:101 Resp: 163220
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.3 78.5



#8
 Diethyl Ether
 Concen: 43.741 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. 0.012 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

Tgt Ion: 74 Resp: 41337
 Ion Ratio Lower Upper
 74 100
 45 81.1 37.5 112.7

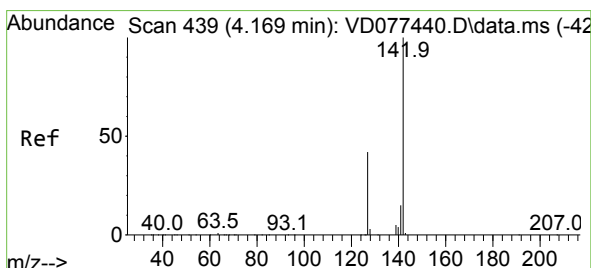
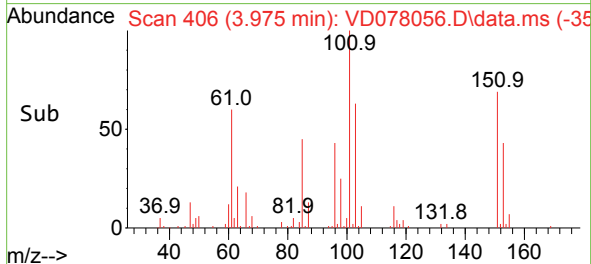
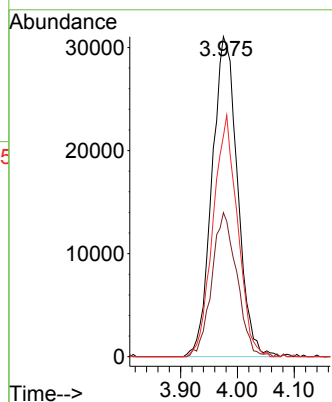
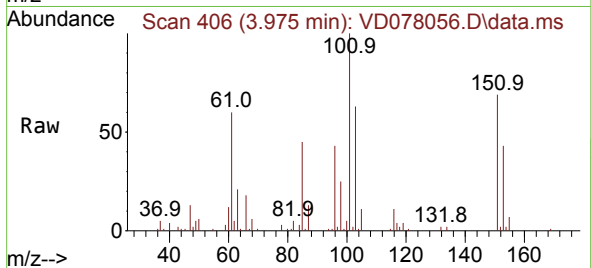




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.209 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078056.D
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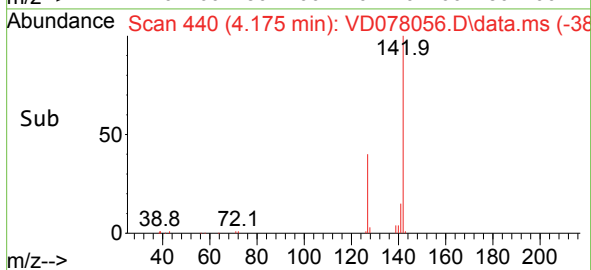
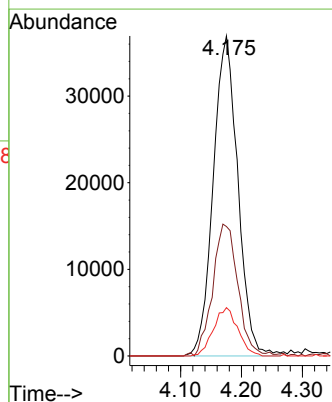
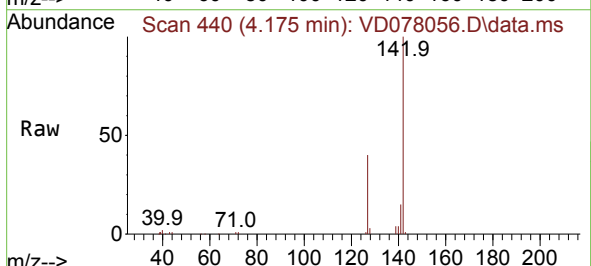
Instrument :
MSVOA_D
ClientSampleId :

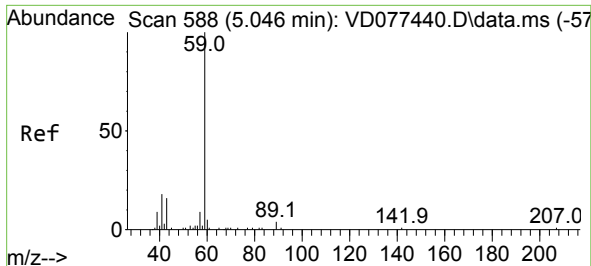
Tgt Ion:101 Resp: 96671
Ion Ratio Lower Upper
101 100
85 44.3 33.8 50.6
151 72.8 59.8 89.6



#10
Methyl Iodide
Concen: 59.872 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion:142 Resp: 103628
Ion Ratio Lower Upper
142 100
127 42.2 29.4 44.0
141 15.0 11.1 16.7

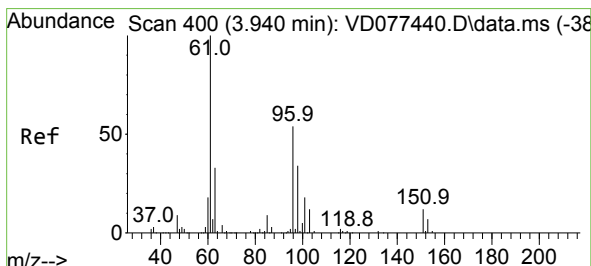
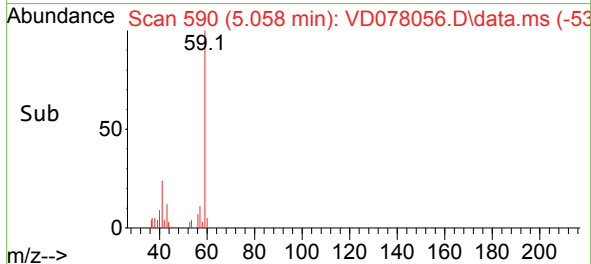
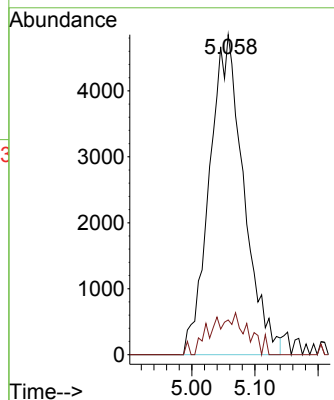
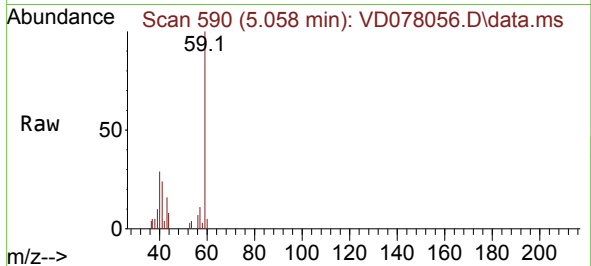




#11
Tert butyl alcohol
Concen: 201.510 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

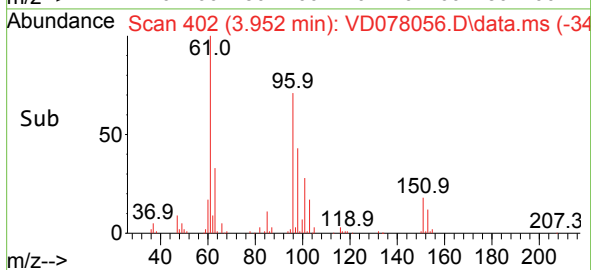
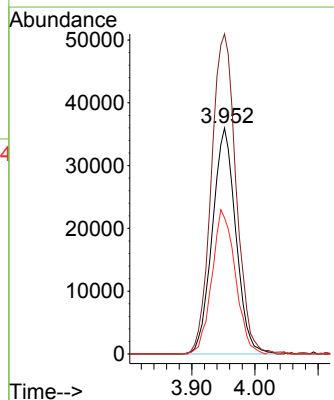
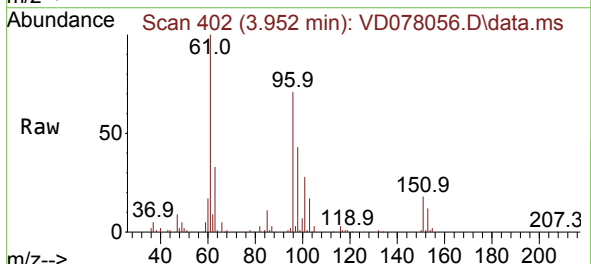
Instrument :
MSVOA_D
ClientSampleId :

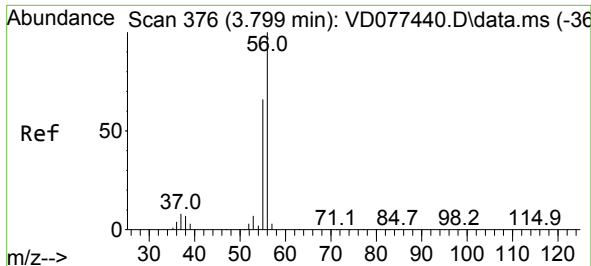
Tgt Ion: 59 Resp: 18273
Ion Ratio Lower Upper
59 100
57 4.9 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.966 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 96 Resp: 93049
Ion Ratio Lower Upper
96 100
61 141.6 100.6 150.8
98 60.2 50.2 75.2

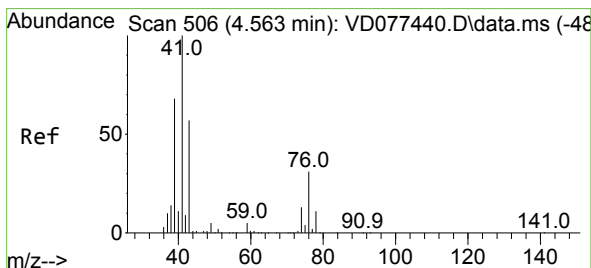
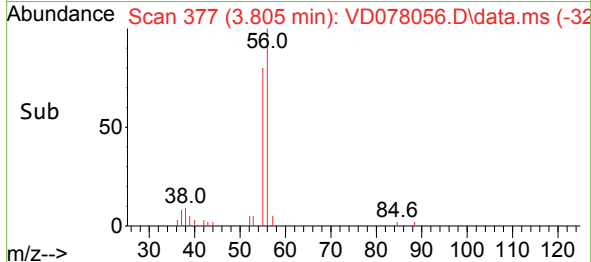
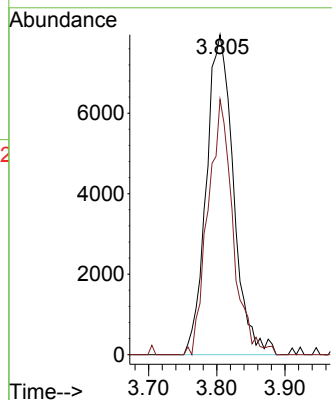
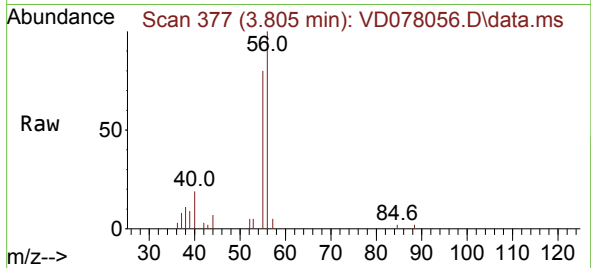




#13
Acrolein
Concen: 111.807 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

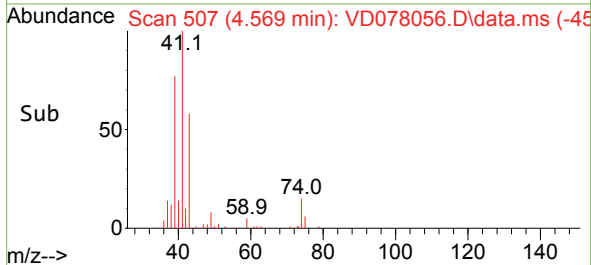
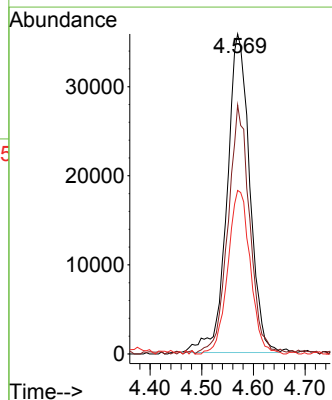
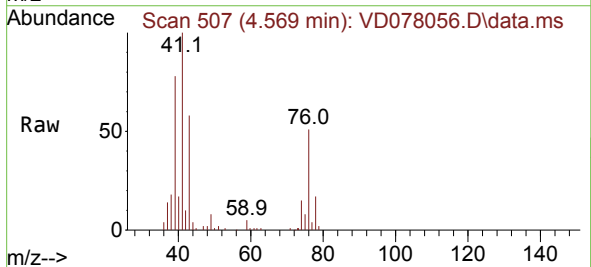
Instrument :
MSVOA_D
ClientSampleId :

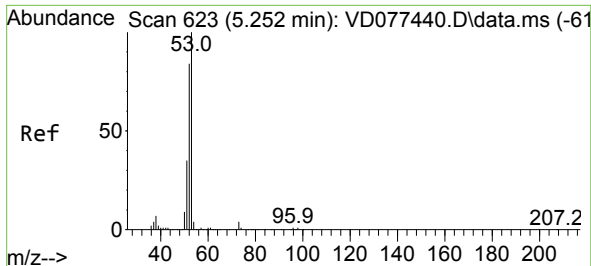
Tgt Ion: 56 Resp: 22032
Ion Ratio Lower Upper
56 100
55 73.5 55.1 82.7



#14
Allyl chloride
Concen: 41.694 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 41 Resp: 108967
Ion Ratio Lower Upper
41 100
39 75.0 53.8 80.6
76 50.9 45.8 68.8

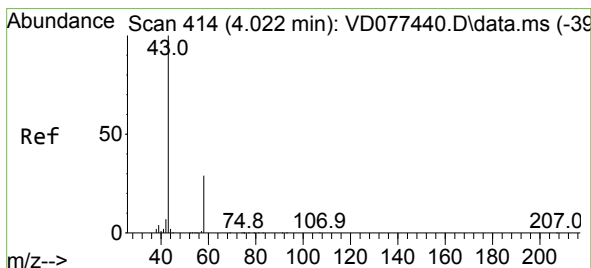
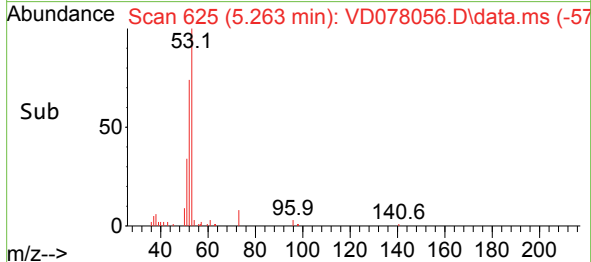
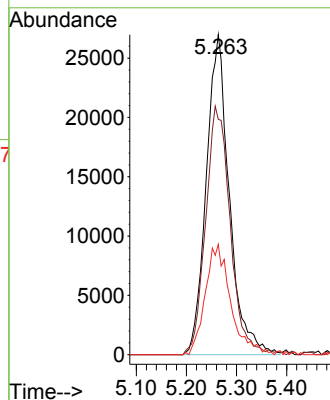
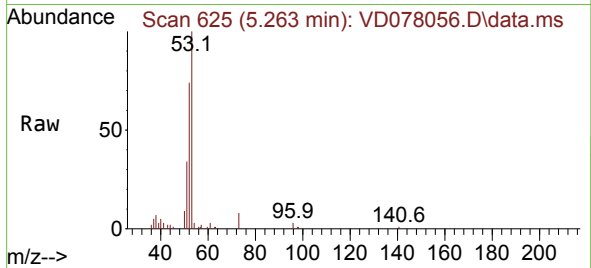




#15
Acrylonitrile
Concen: 213.528 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

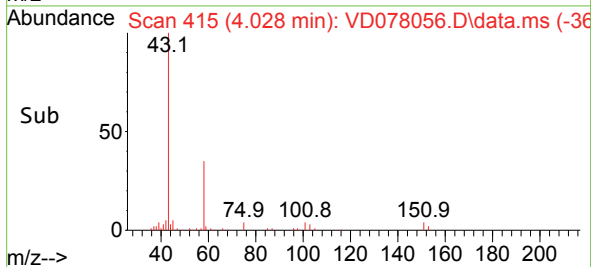
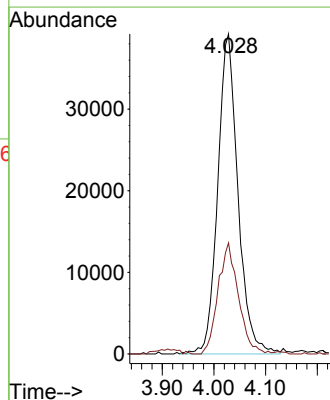
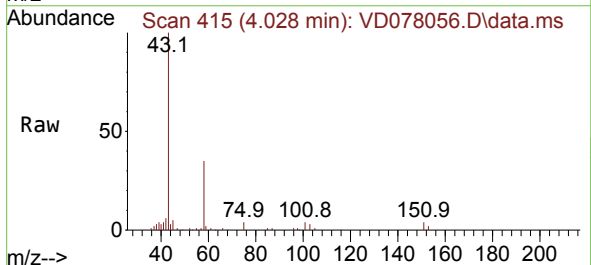
Instrument :
MSVOA_D
ClientSampleId :

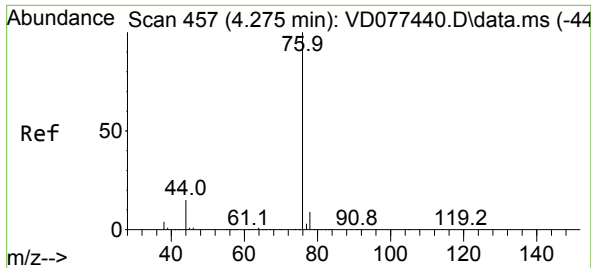
Tgt Ion: 53 Resp: 86399
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.4
51 37.8 28.3 42.5



#16
Acetone
Concen: 266.594 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 43 Resp: 106486
Ion Ratio Lower Upper
43 100
58 34.0 34.7 52.1#

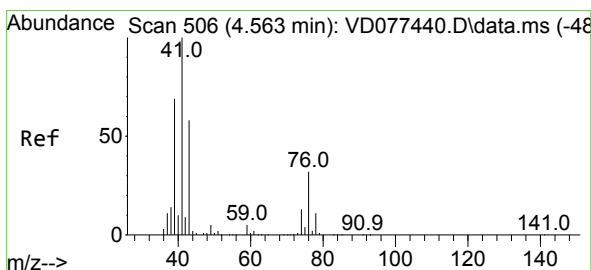
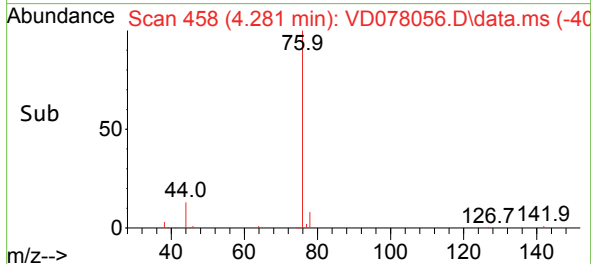
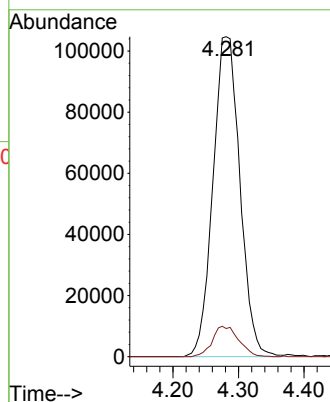
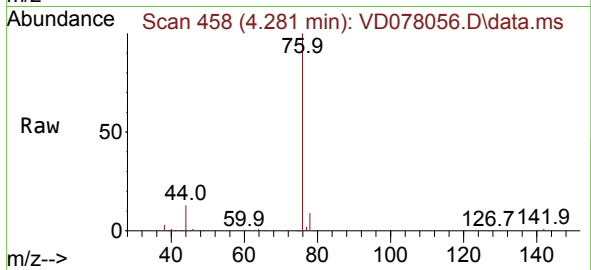




#17
Carbon Disulfide
Concen: 46.391 ug/l
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

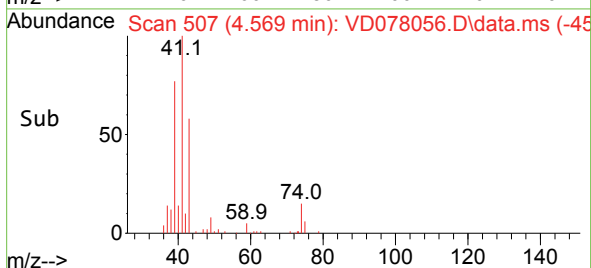
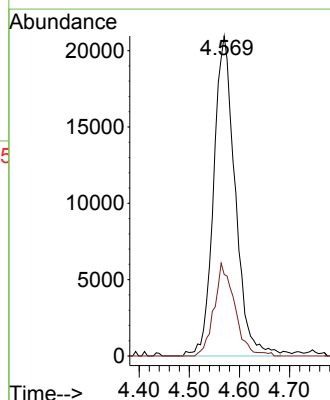
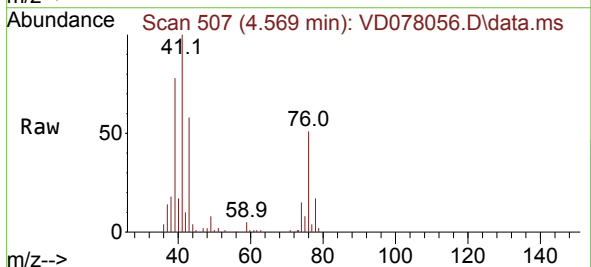
Instrument :
MSVOA_D
ClientSampleId :

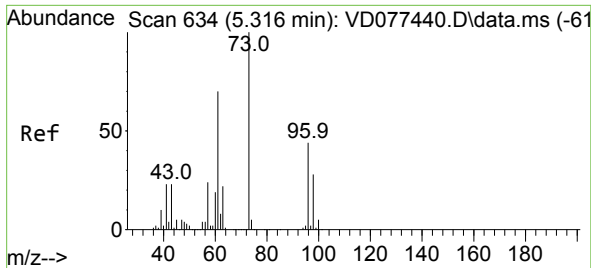
Tgt Ion: 76 Resp: 298242
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 42.690 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 43 Resp: 62630
Ion Ratio Lower Upper
43 100
74 27.8 26.4 39.6

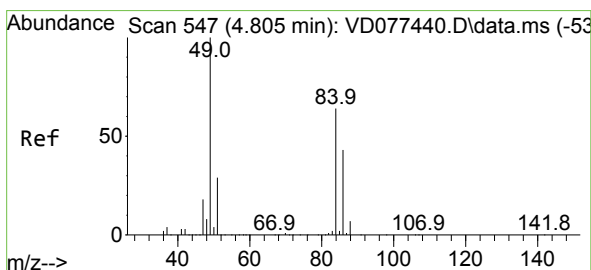
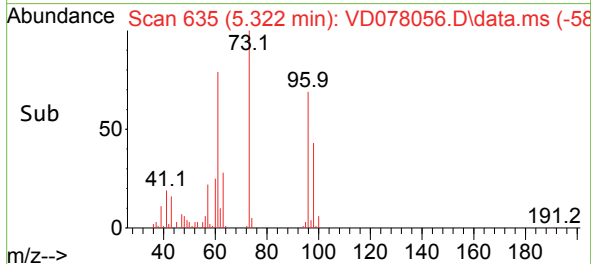
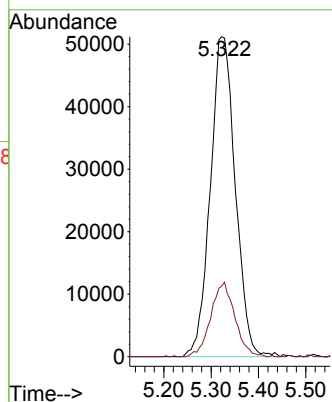
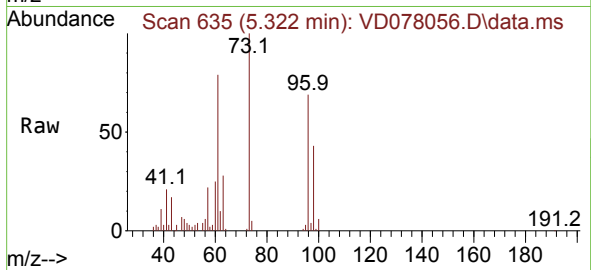




#19
Methyl tert-butyl Ether
Concen: 46.496 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

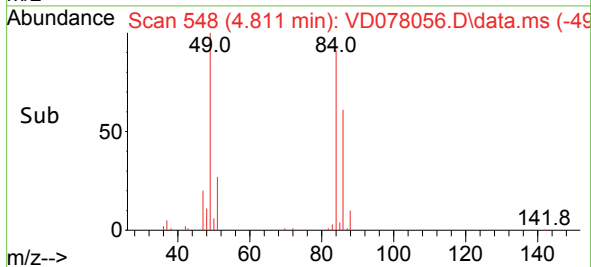
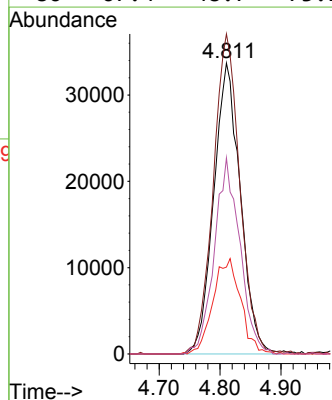
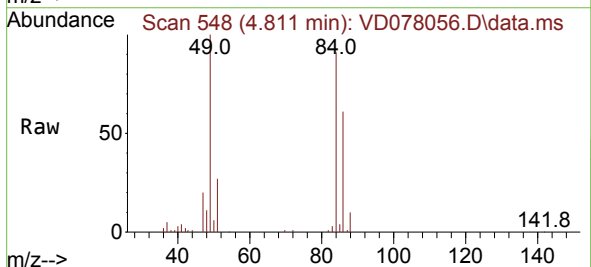
Instrument :
MSVOA_D
ClientSampleId :

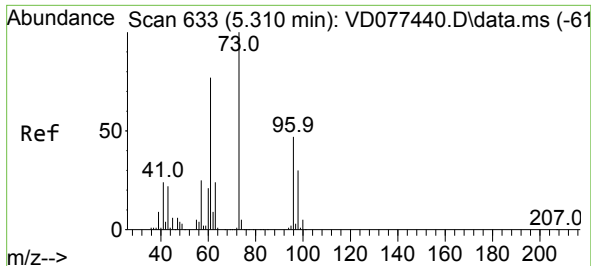
Tgt Ion: 73 Resp: 187457
Ion Ratio Lower Upper
73 100
57 22.0 16.6 25.0



#20
Methylene Chloride
Concen: 45.957 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

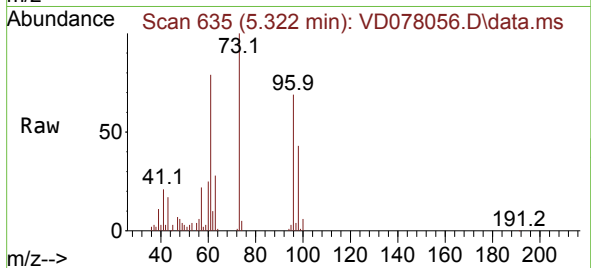
Tgt Ion: 84 Resp: 102250
Ion Ratio Lower Upper
84 100
49 110.0 71.4 107.2#
51 29.9 24.5 36.7
86 67.4 48.7 73.1



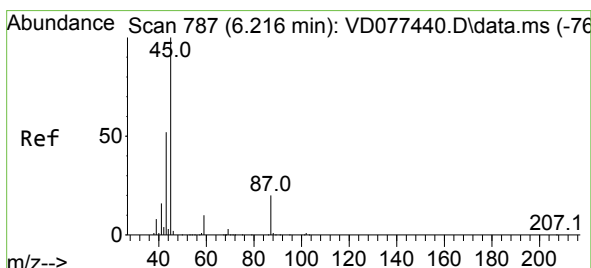
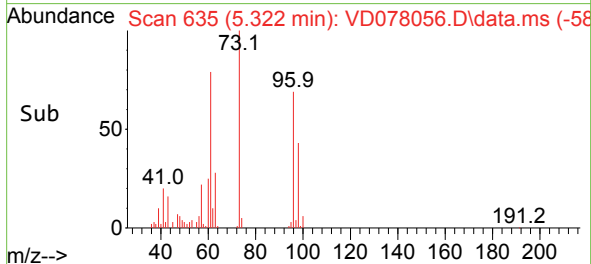
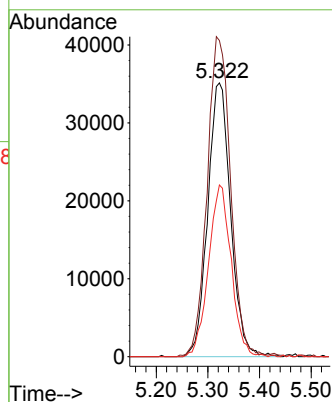


#21
trans-1,2-Dichloroethene
Concen: 50.176 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :

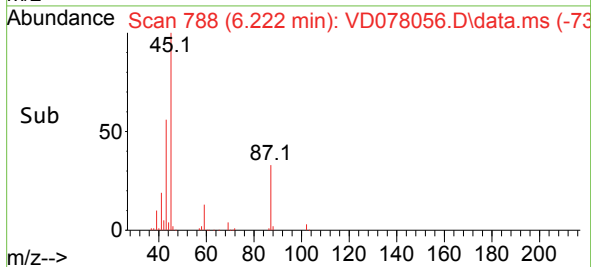
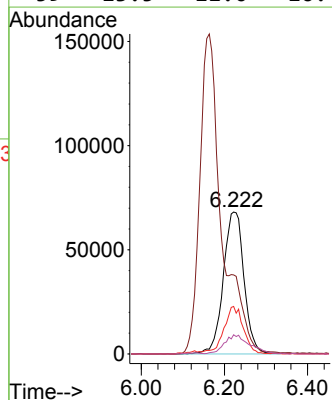
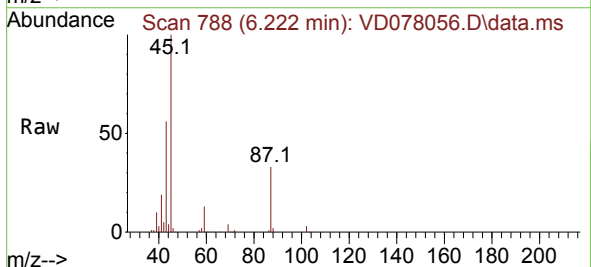


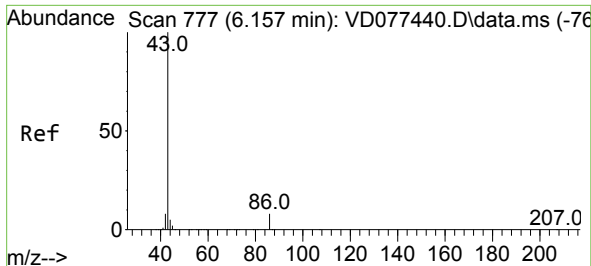
Tgt Ion: 96 Resp: 107998
Ion Ratio Lower Upper
96 100
61 114.9 89.3 133.9
98 62.7 48.6 73.0



#22
Diisopropyl ether
Concen: 43.229 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 45 Resp: 236100
Ion Ratio Lower Upper
45 100
43 55.4 40.0 60.0
87 33.2 28.2 42.4
59 13.5 11.0 16.4

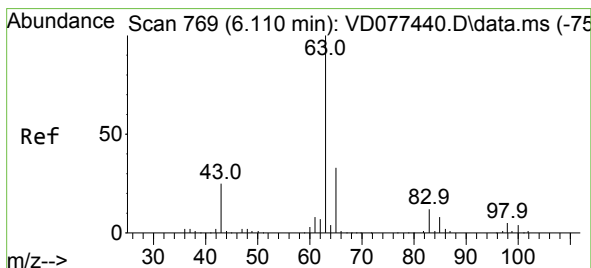
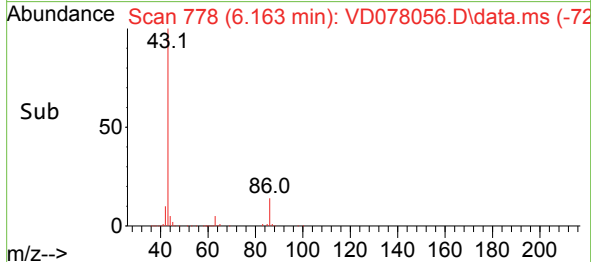
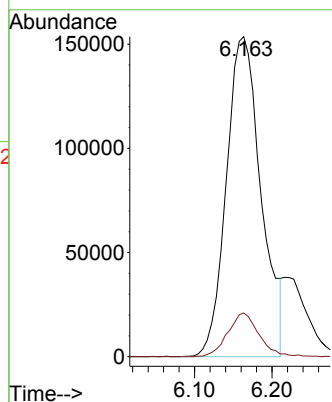
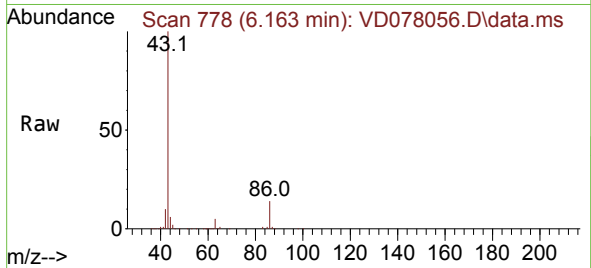




#23
 Vinyl Acetate
 Concen: 179.744 ug/l
 RT: 6.163 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

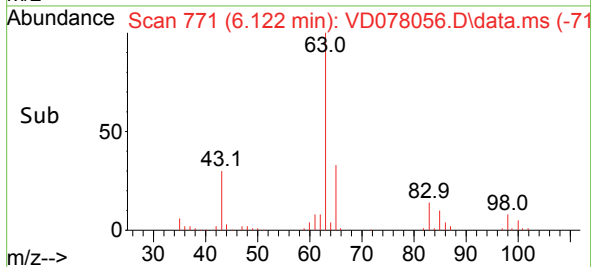
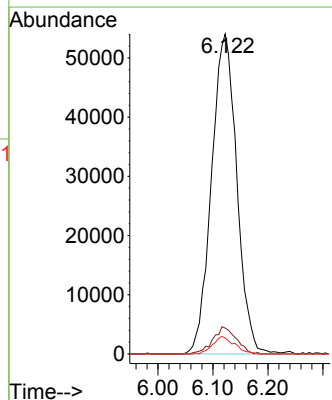
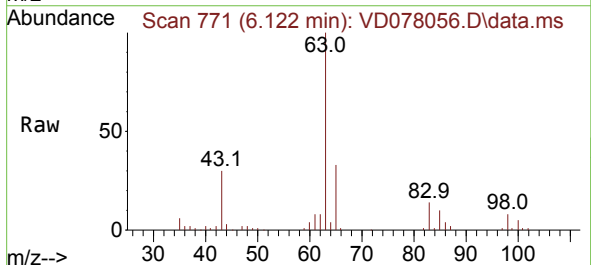
Instrument :
 MSVOA_D
 ClientSampleId :

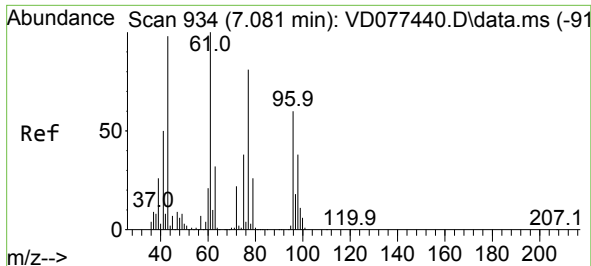
Tgt Ion: 43 Resp: 479395
 Ion Ratio Lower Upper
 43 100
 86 13.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 46.696 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

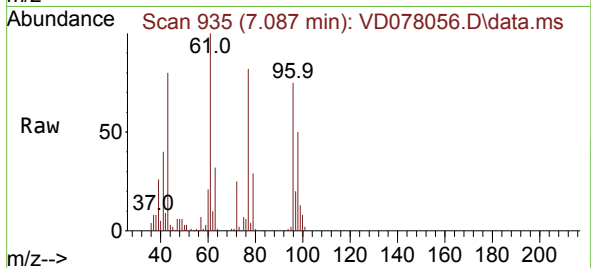
Tgt Ion: 63 Resp: 172707
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 5.0 2.5 7.5



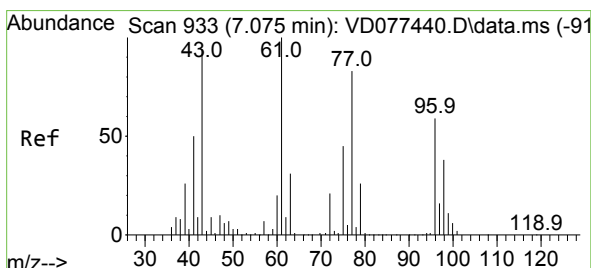
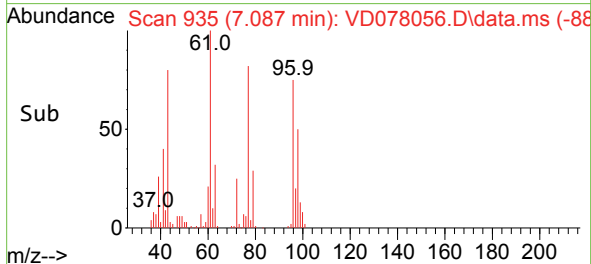
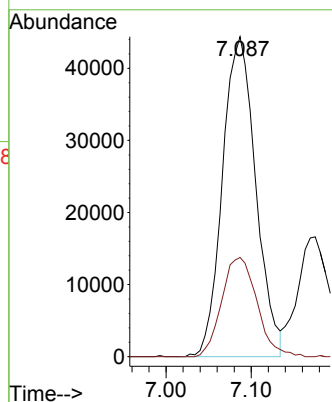


#25
2-Butanone
Concen: 234.589 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :

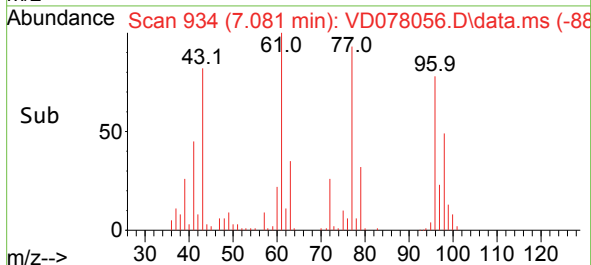
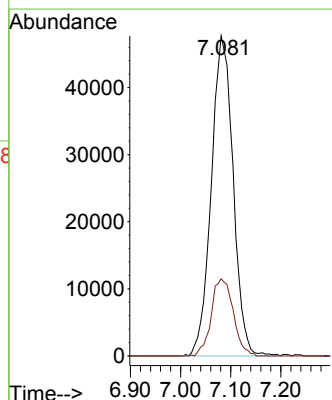
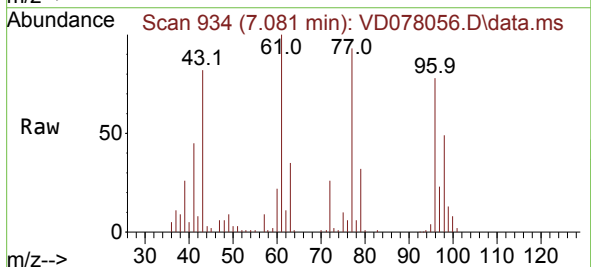


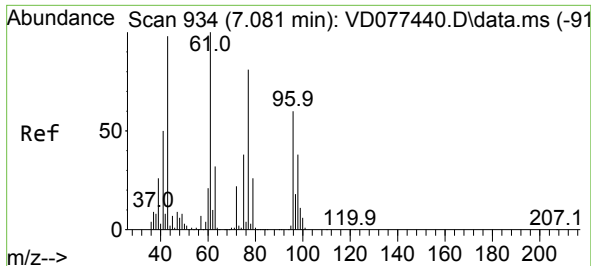
Tgt Ion: 43 Resp: 120599
Ion Ratio Lower Upper
43 100
72 31.0 30.7 46.1



#26
2,2-Dichloropropane
Concen: 46.440 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 77 Resp: 144212
Ion Ratio Lower Upper
77 100
97 24.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 48.331 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

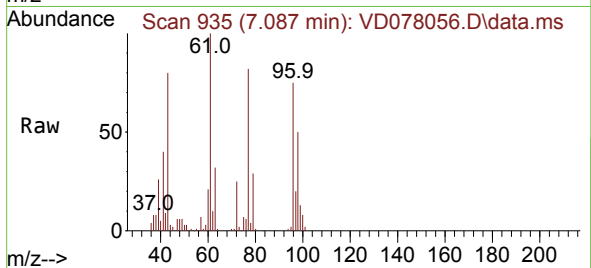
Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :



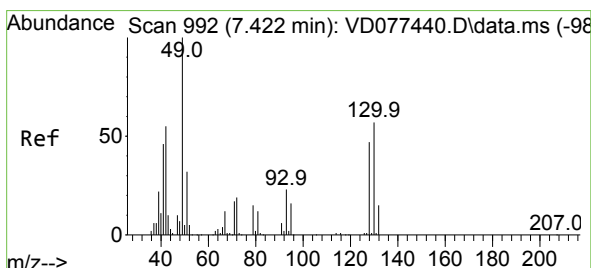
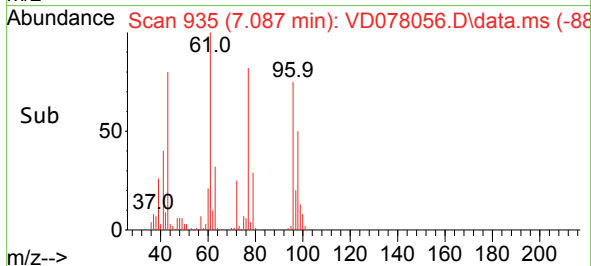
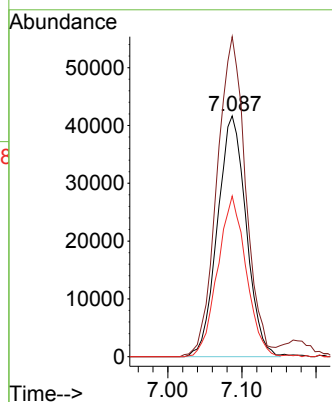
Tgt Ion: 96 Resp: 111935

Ion Ratio Lower Upper

96 100

61 133.5 0.0 239.2

98 66.2 0.0 128.6



#28

Bromochloromethane

Concen: 39.961 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.012 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

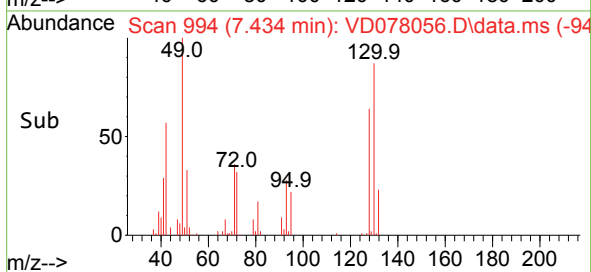
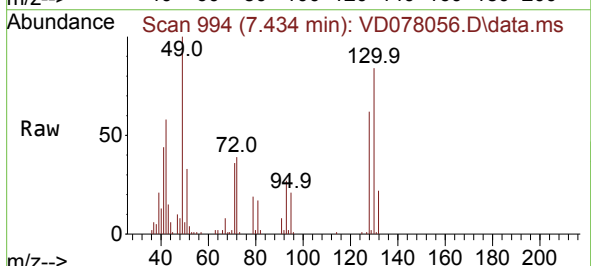
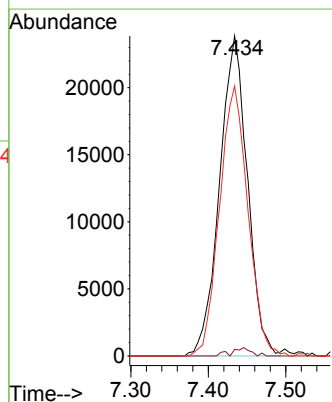
Tgt Ion: 49 Resp: 59722

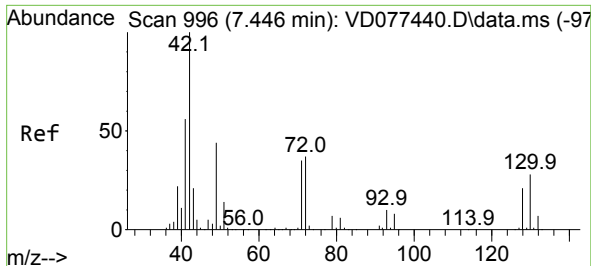
Ion Ratio Lower Upper

49 100

129 1.5 0.0 6.0

130 85.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 206.817 ug/l

RT: 7.457 min Scan# 996

Delta R.T. 0.011 min

Lab File: VD078056.D

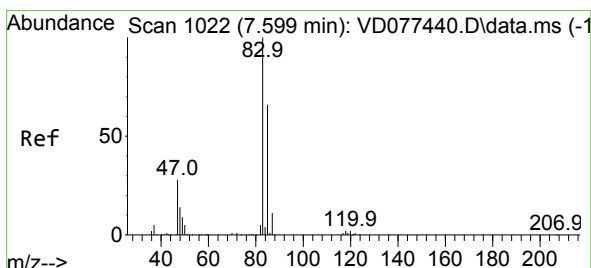
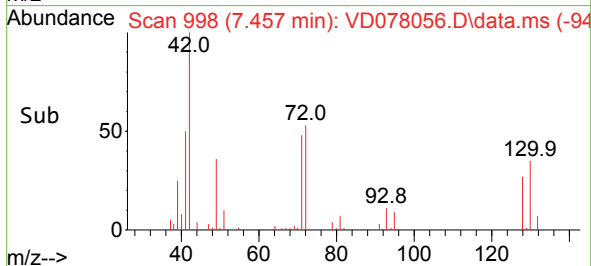
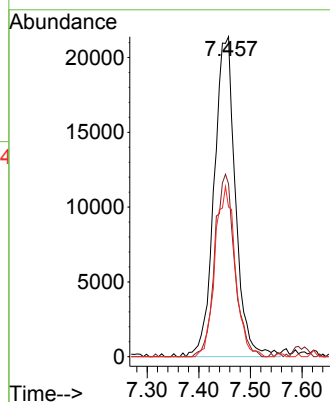
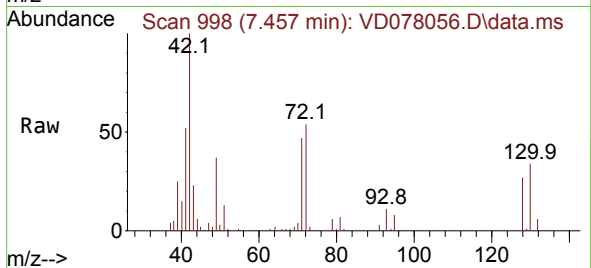
Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	61350
Ion	Ratio	Lower	Upper
42	100		
72	53.3	46.5	69.7
71	50.6	44.5	66.7



#30

Chloroform

Concen: 47.239 ug/l

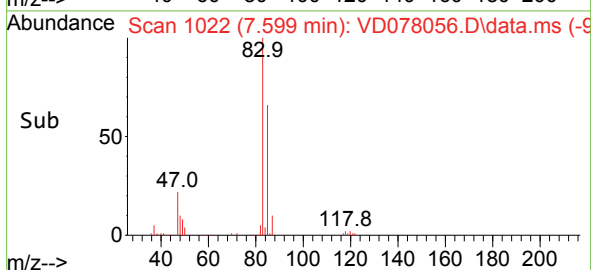
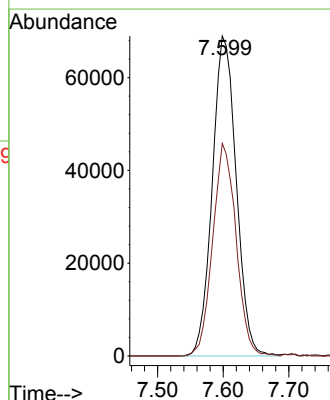
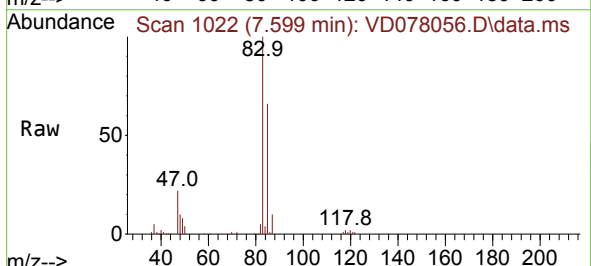
RT: 7.599 min Scan# 1022

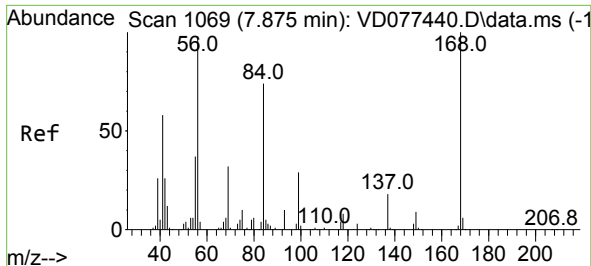
Delta R.T. -0.000 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

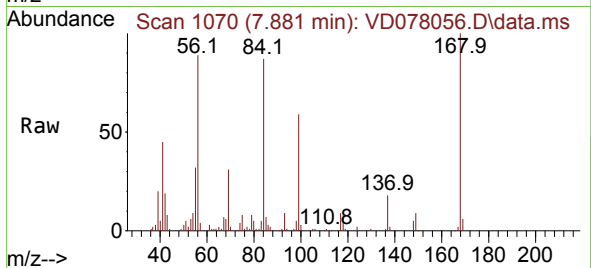
Tgt Ion:	83	Resp:	174859
Ion	Ratio	Lower	Upper
83	100		
85	66.4	53.4	80.2



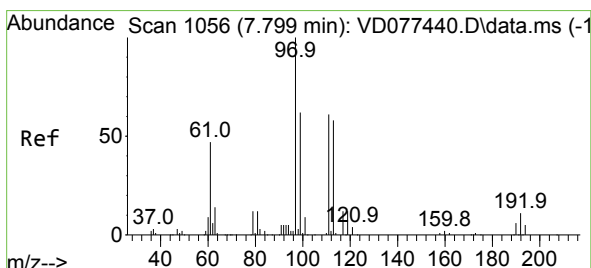
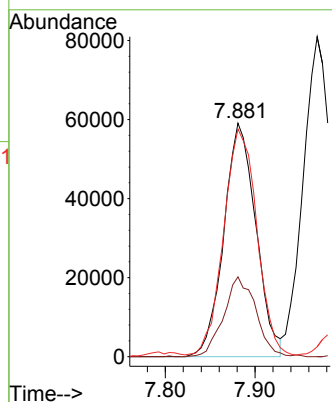
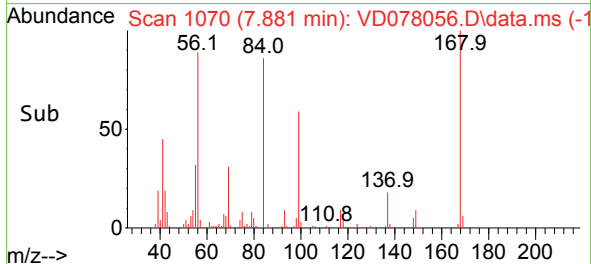


#31
Cyclohexane
Concen: 44.352 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :

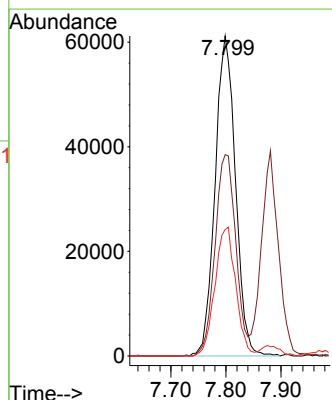
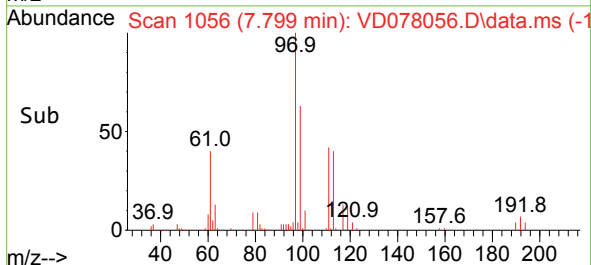
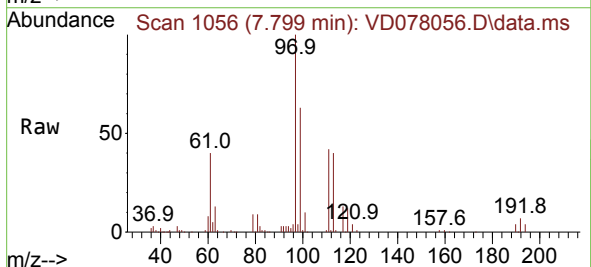


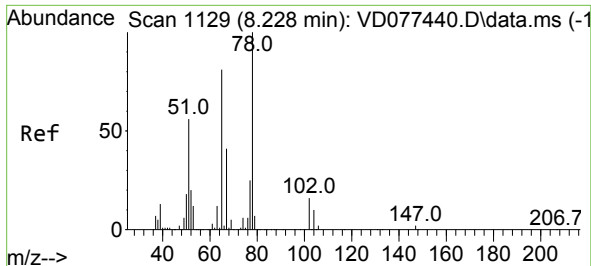
Tgt Ion: 56 Resp: 146956
Ion Ratio Lower Upper
56 100
69 34.2 28.6 43.0
84 96.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 48.264 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 97 Resp: 157495
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 39.673 ug/l

RT: 8.240 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

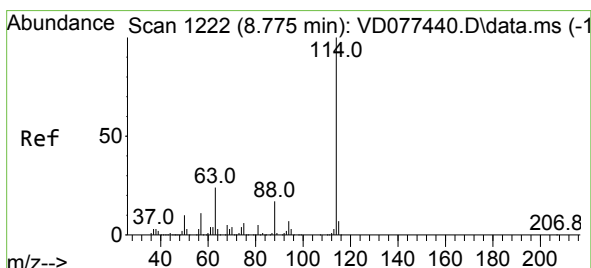
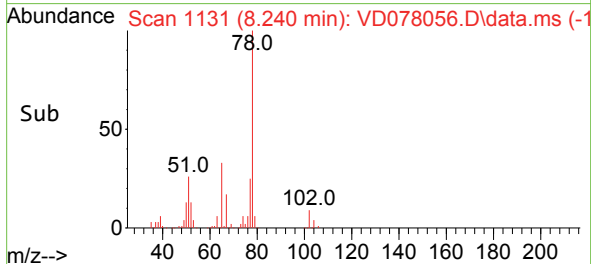
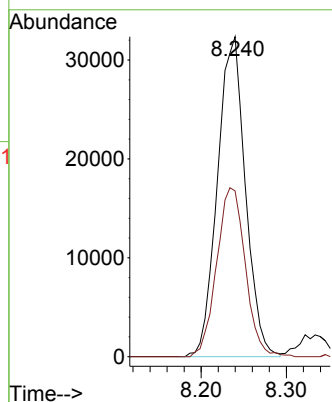
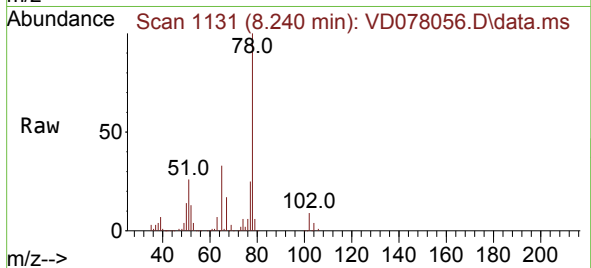
ClientSampleId :

Tgt Ion: 65 Resp: 73904

Ion Ratio Lower Upper

65 100

67 54.1 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: VD078056.D

Acq: 22 Dec 2023 11:19

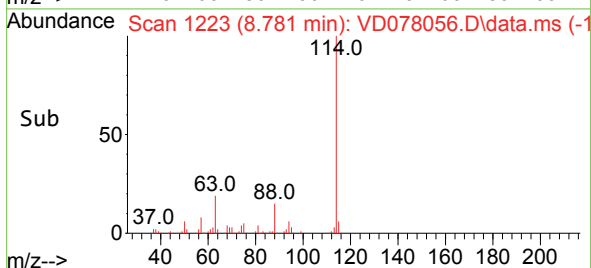
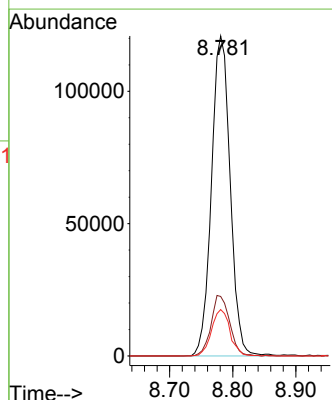
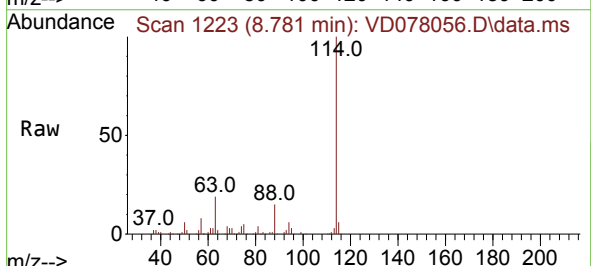
Tgt Ion: 114 Resp: 248686

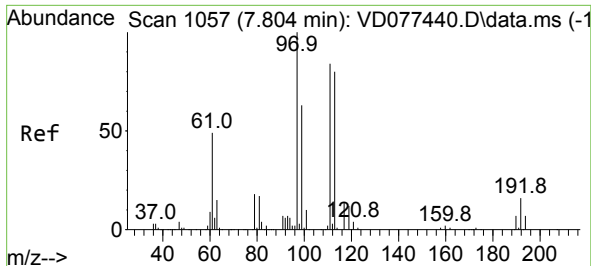
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

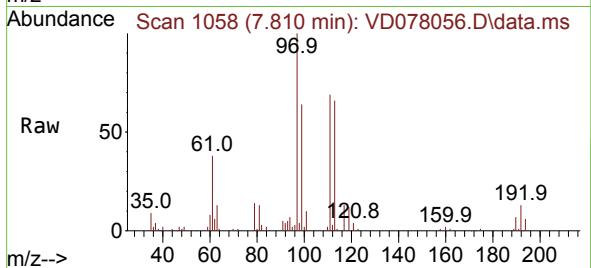
88 14.5 0.0 26.2



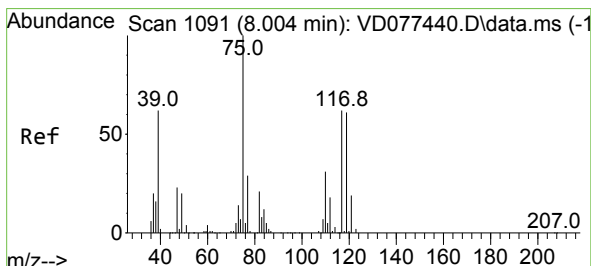
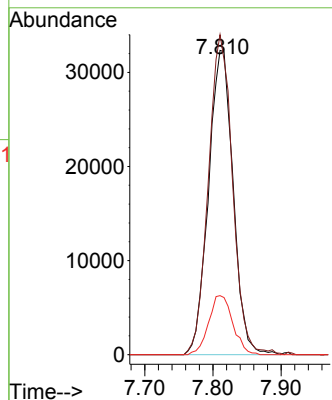
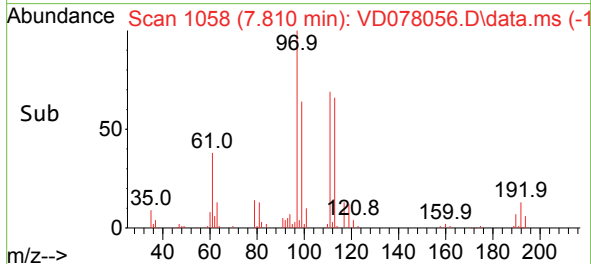


#35
Dibromofluoromethane
Concen: 46.653 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

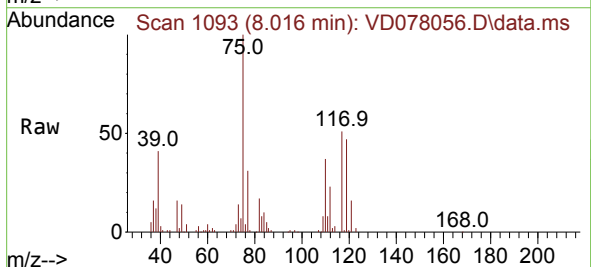
Instrument :
MSVOA_D
ClientSampleId :



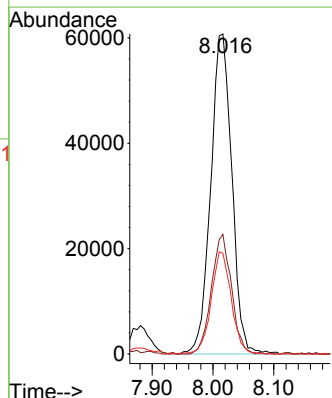
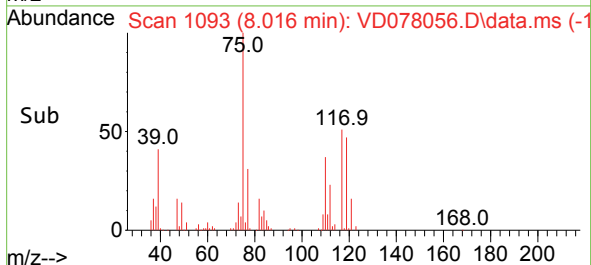
Tgt Ion:113 Resp: 81268
Ion Ratio Lower Upper
113 100
111 103.3 84.7 127.1
192 19.1 16.8 25.2

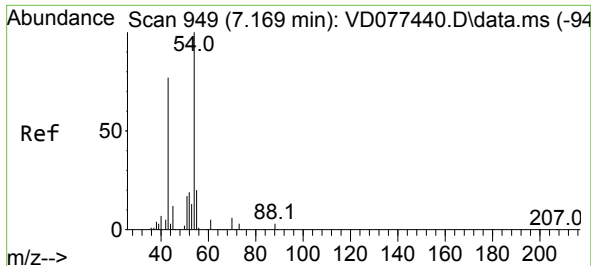


#36
1,1-Dichloropropene
Concen: 52.628 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19



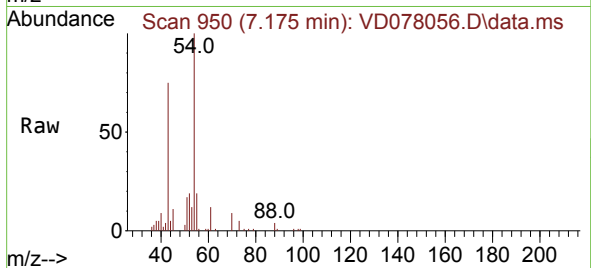
Tgt Ion: 75 Resp: 146641
Ion Ratio Lower Upper
75 100
110 35.2 19.9 59.6
77 30.3 24.7 37.1



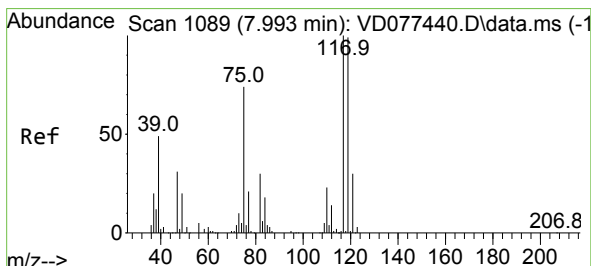
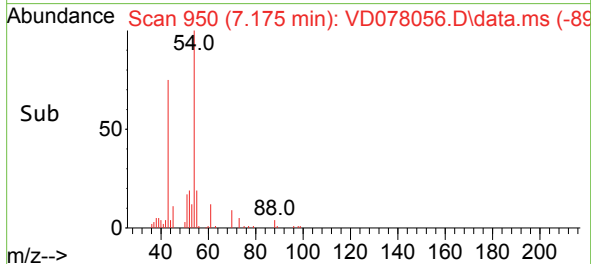
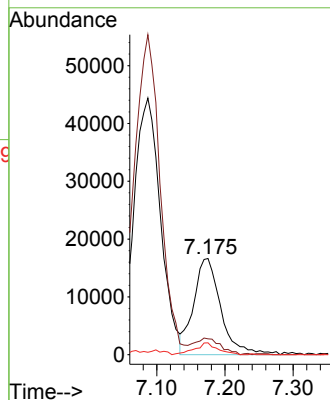


#37
Ethyl Acetate
Concen: 42.510 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :

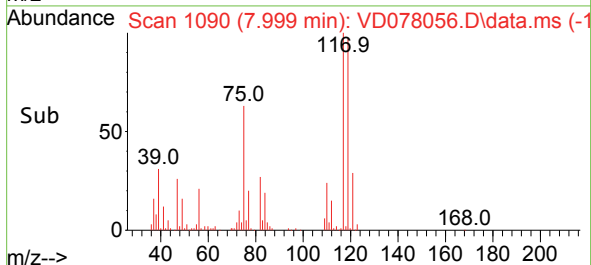
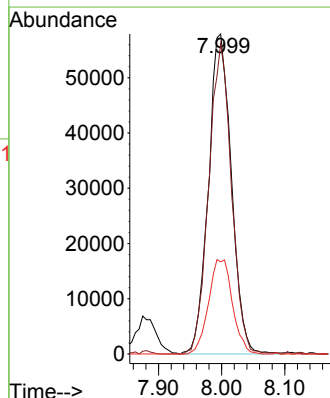
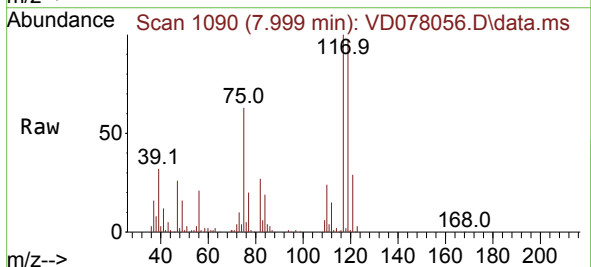


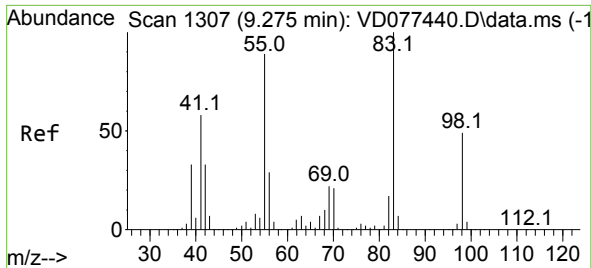
Tgt Ion: 43 Resp: 46186
Ion Ratio Lower Upper
43 100
61 15.0 14.9 22.3
70 10.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 52.870 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 117 Resp: 146862
Ion Ratio Lower Upper
117 100
119 97.3 78.0 117.0
121 28.9 24.2 36.2

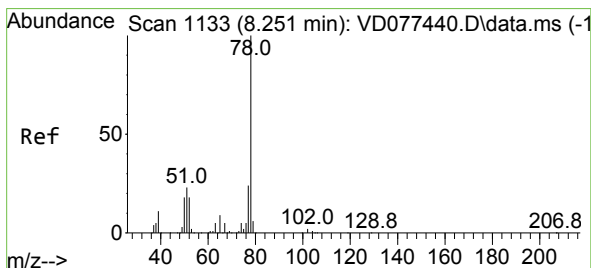
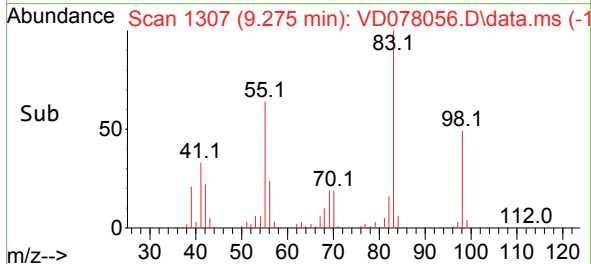
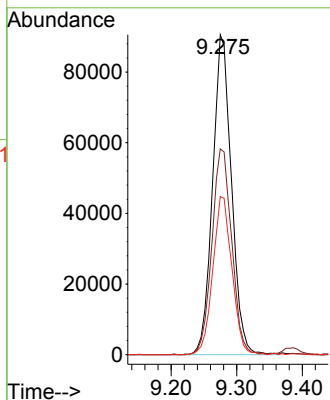
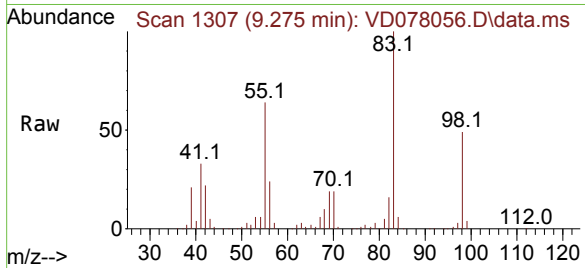




#39
Methylcyclohexane
Concen: 54.735 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

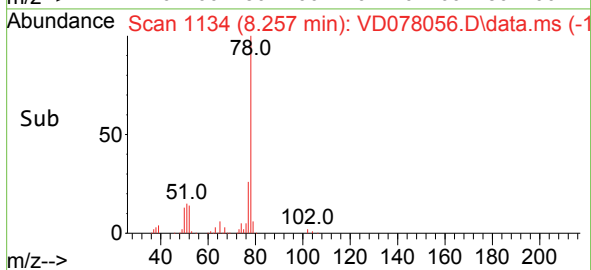
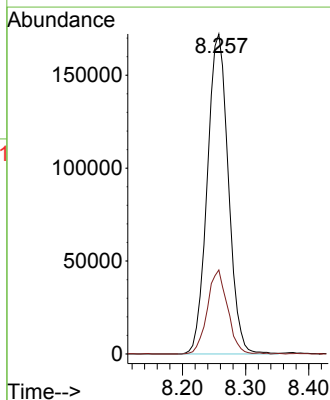
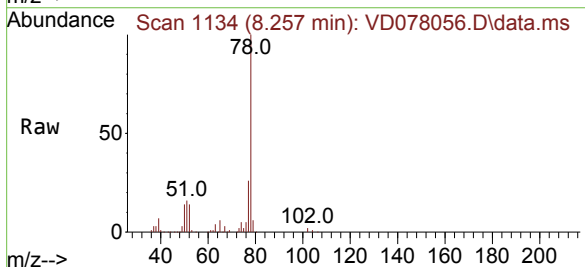
Instrument :
MSVOA_D
ClientSampleId :

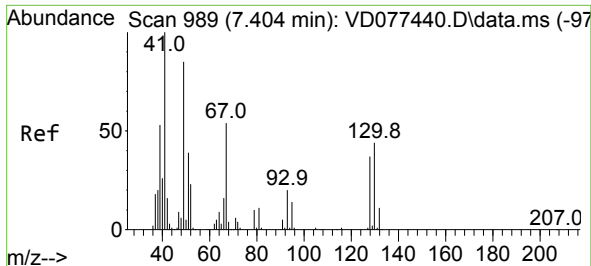
Tgt Ion: 83 Resp: 180802
Ion Ratio Lower Upper
83 100
55 64.3 49.4 74.0
98 49.4 38.4 57.6



#40
Benzene
Concen: 50.450 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

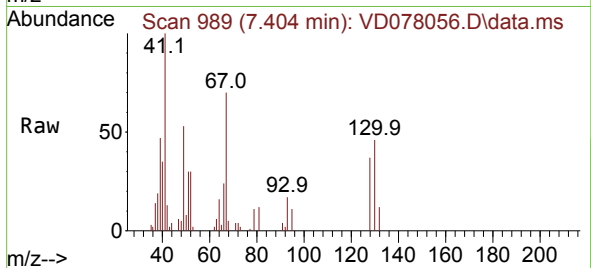
Tgt Ion: 78 Resp: 398975
Ion Ratio Lower Upper
78 100
77 26.2 19.4 29.0



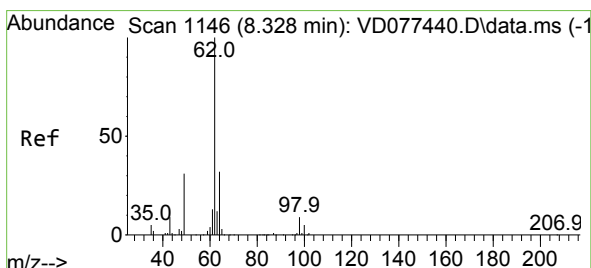
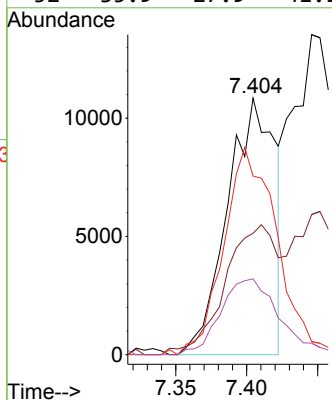
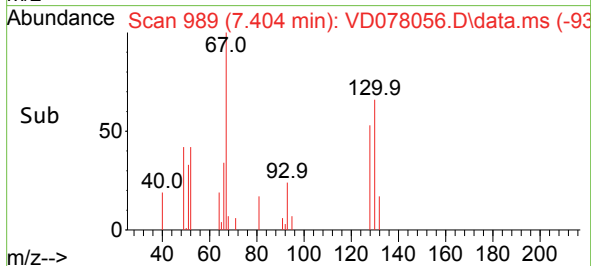


#41
Methacrylonitrile
Concen: 45.961 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :

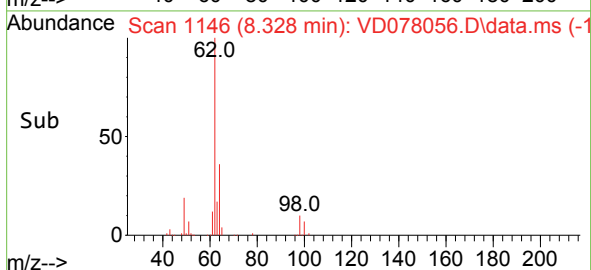
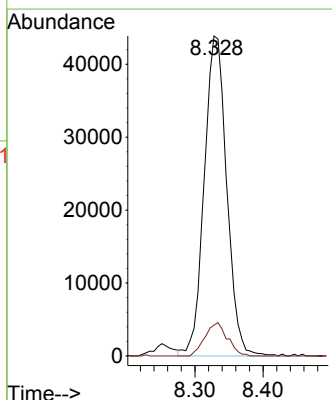
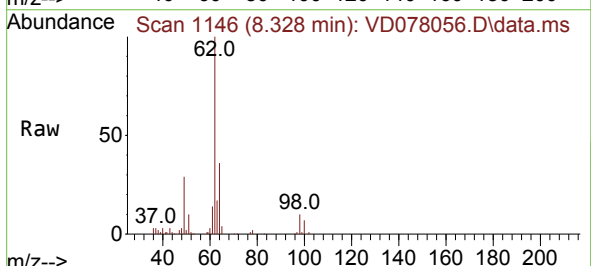


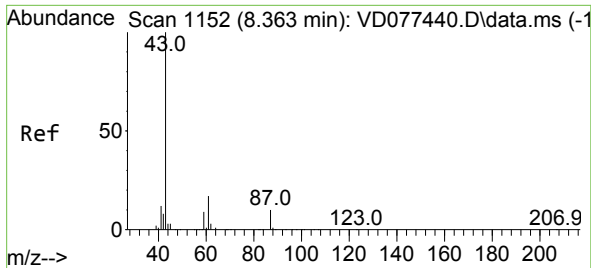
Tgt Ion: 41 Resp: 25380
Ion Ratio Lower Upper
41 100
39 54.1 34.0 51.0#
67 89.9 77.0 115.4
52 35.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 49.257 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 62 Resp: 100974
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.4

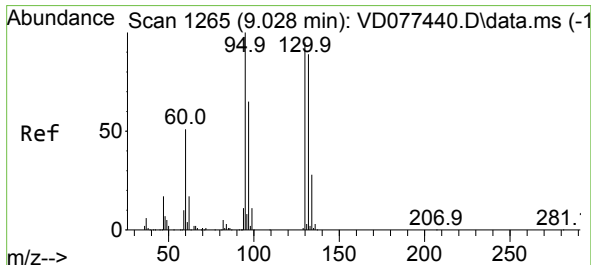
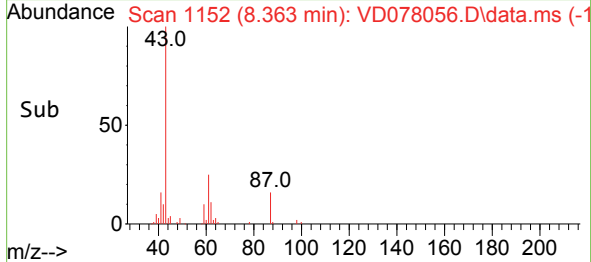
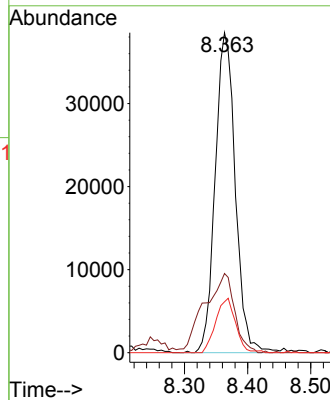
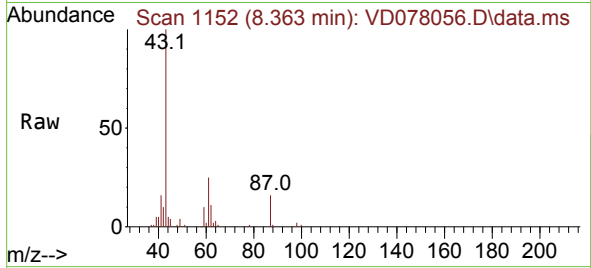




#43
Isopropyl Acetate
Concen: 44.079 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

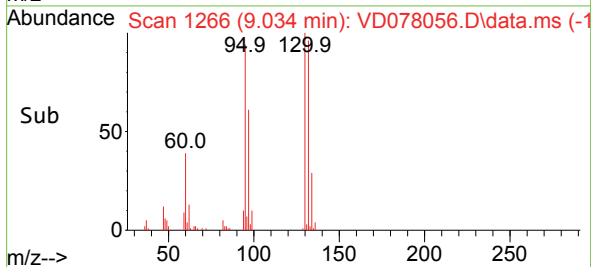
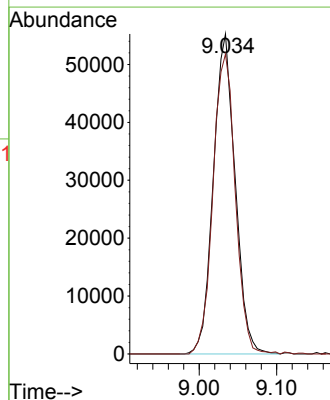
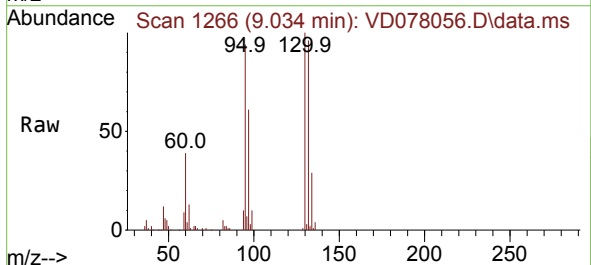
Instrument :
MSVOA_D
ClientSampleId :

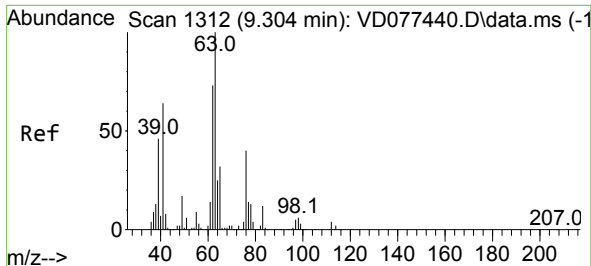
Tgt Ion: 43 Resp: 85131
Ion Ratio Lower Upper
43 100
61 37.1 31.4 47.0
87 16.8 14.9 22.3



#44
Trichloroethene
Concen: 52.428 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion:130 Resp: 108048
Ion Ratio Lower Upper
130 100
95 93.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.148 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

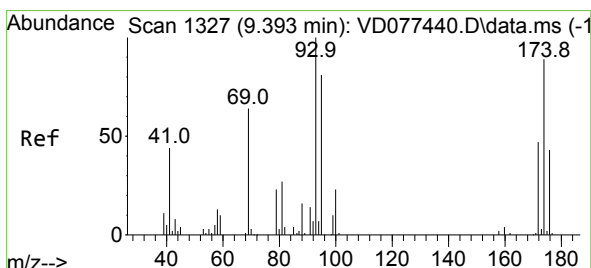
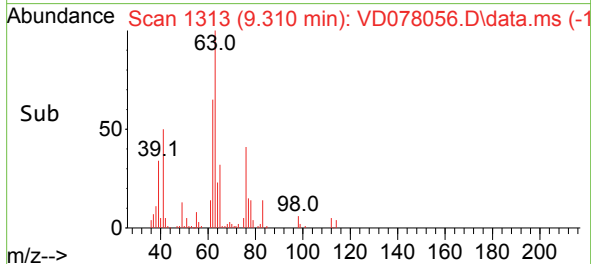
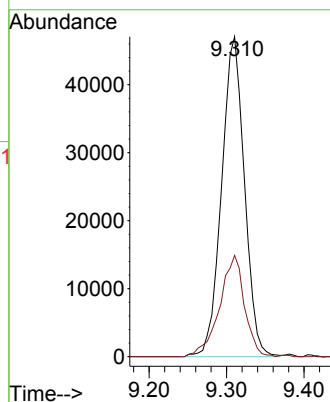
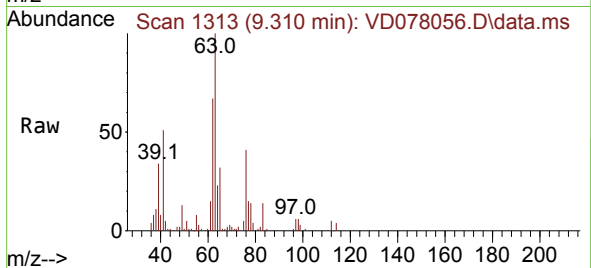
ClientSampleId :

Tgt Ion: 63 Resp: 96409

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 51.940 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

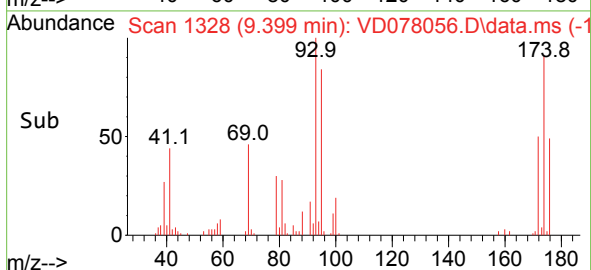
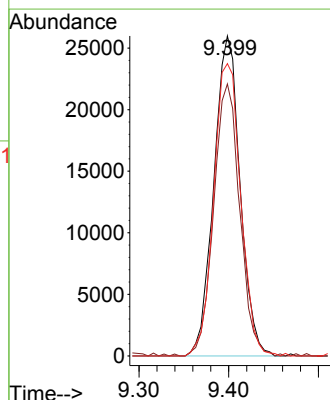
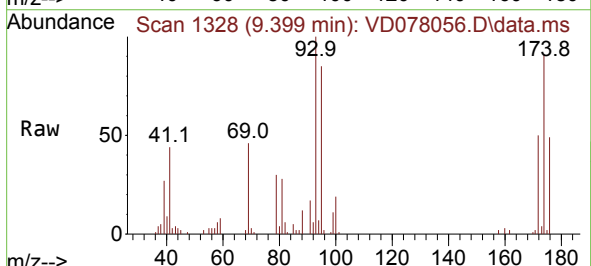
Tgt Ion: 93 Resp: 52834

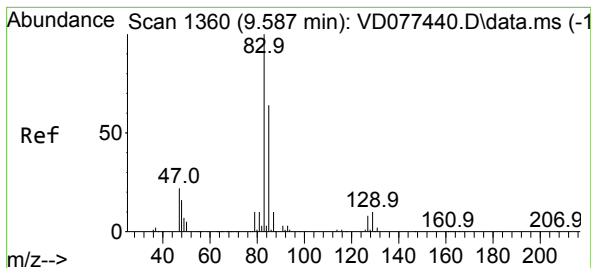
Ion Ratio Lower Upper

93 100

95 84.3 67.7 101.5

174 94.2 85.4 128.2





#47

Bromodichloromethane

Concen: 51.594 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

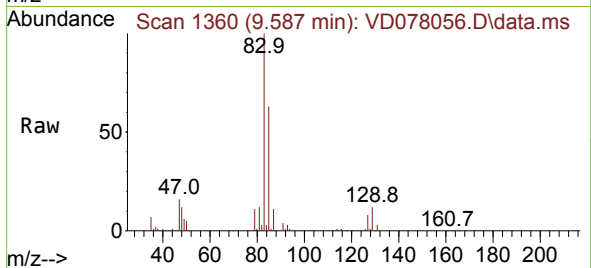
Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :



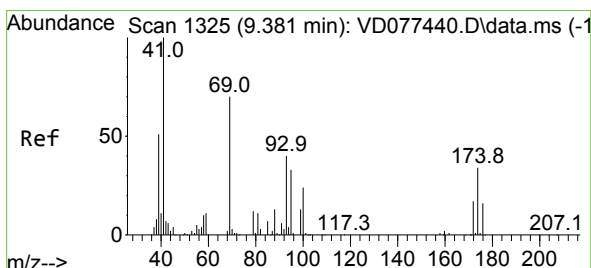
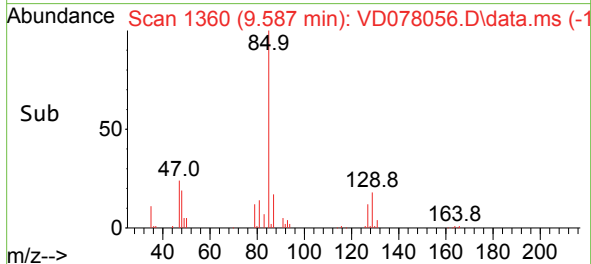
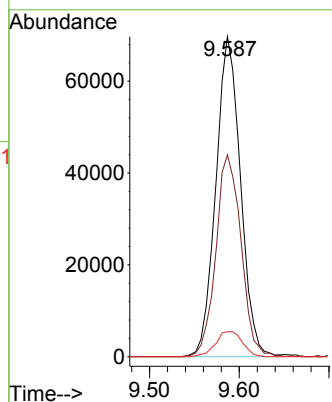
Tgt Ion: 83 Resp: 133024

Ion Ratio Lower Upper

83 100

85 63.1 50.2 75.4

127 7.8 6.3 9.5



#48

Methyl methacrylate

Concen: 44.366 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.006 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

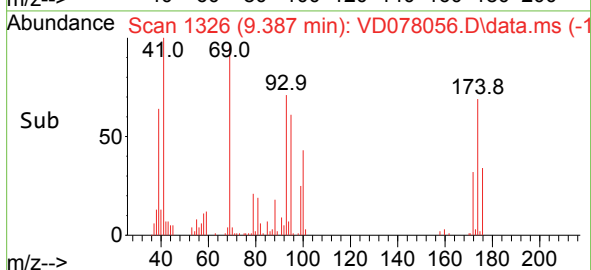
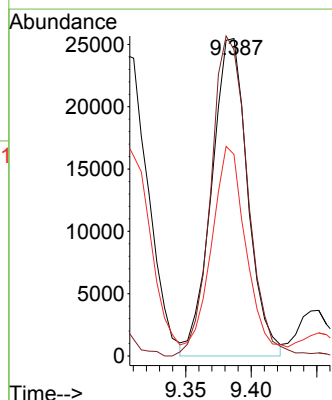
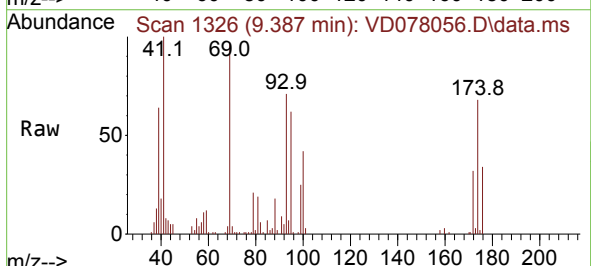
Tgt Ion: 41 Resp: 48708

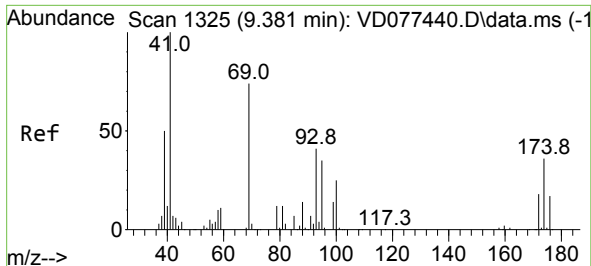
Ion Ratio Lower Upper

41 100

69 102.8 102.2 153.2

39 58.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1004.102 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

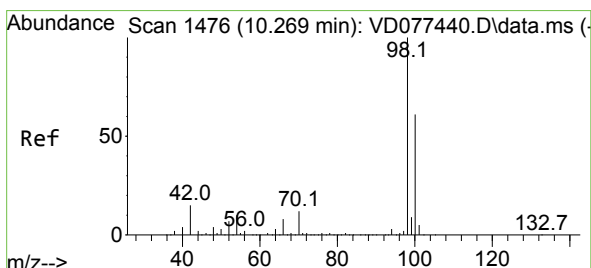
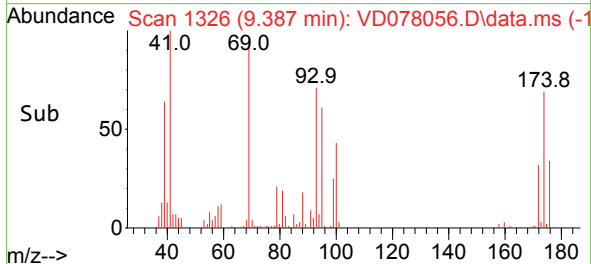
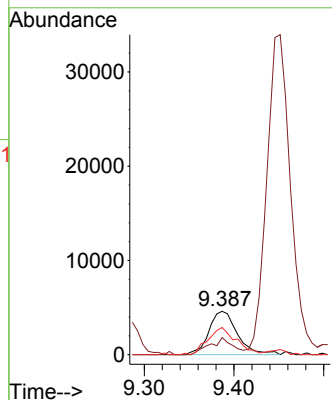
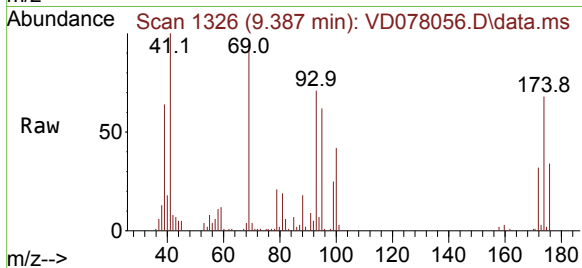
Tgt Ion: 88 Resp: 10142

Ion Ratio Lower Upper

88 100

43 31.8 19.0 28.6#

58 62.7 43.5 65.3



#50

Toluene-d8

Concen: 44.577 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078056.D

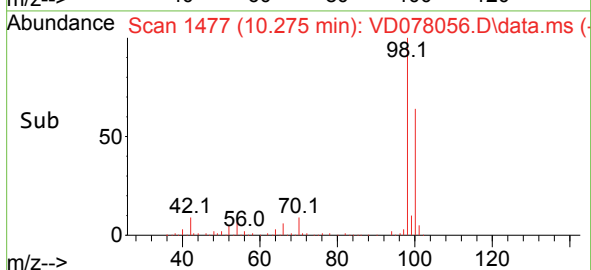
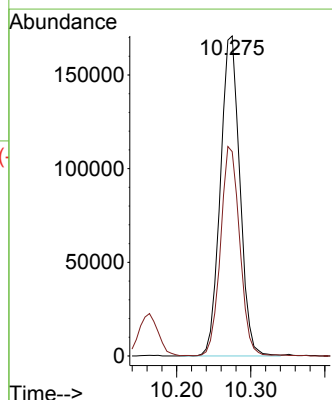
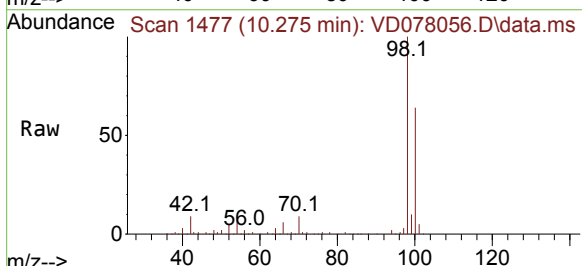
Acq: 22 Dec 2023 11:19

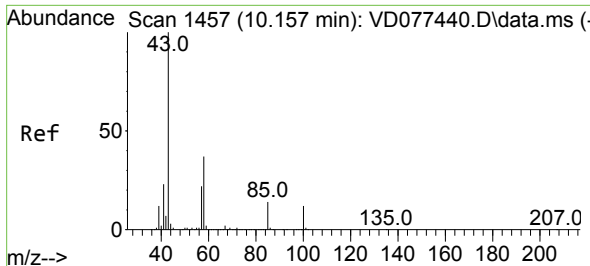
Tgt Ion: 98 Resp: 311002

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5

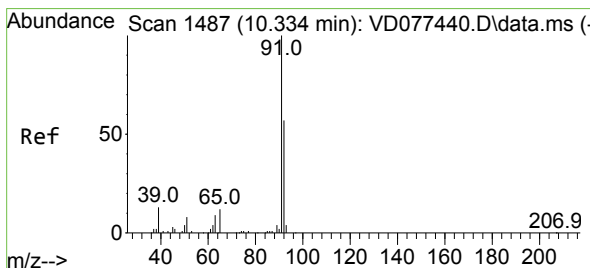
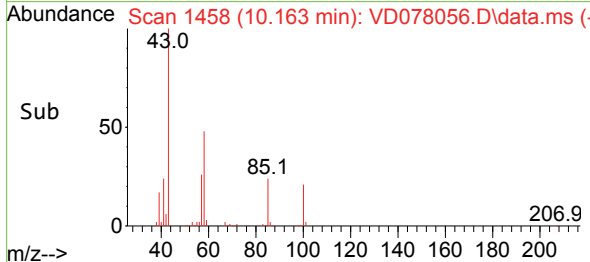
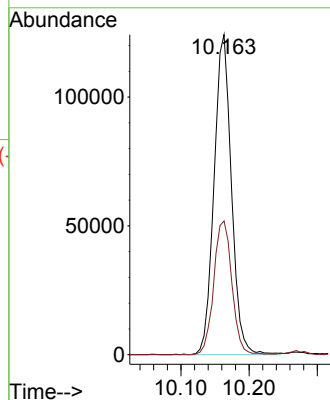
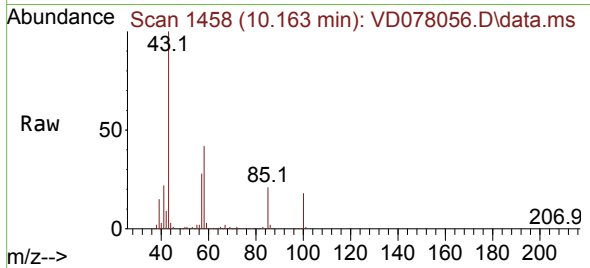




#51
4-Methyl-2-Pentanone
Concen: 224.014 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

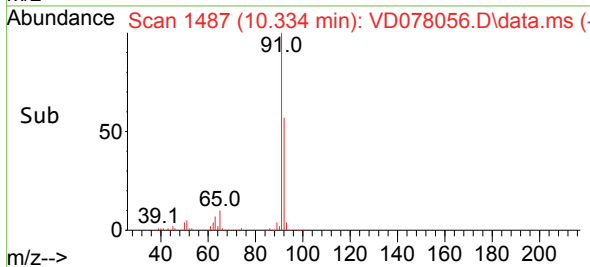
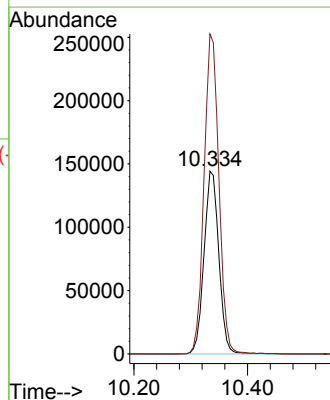
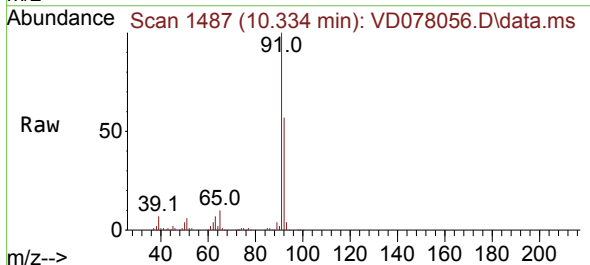
Instrument :
MSVOA_D
ClientSampleId :

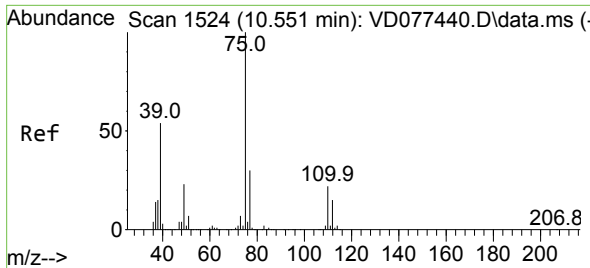
Tgt Ion: 43 Resp: 220805
Ion Ratio Lower Upper
43 100
58 43.6 38.9 58.3



#52
Toluene
Concen: 53.107 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 92 Resp: 260518
Ion Ratio Lower Upper
92 100
91 174.9 143.0 214.4

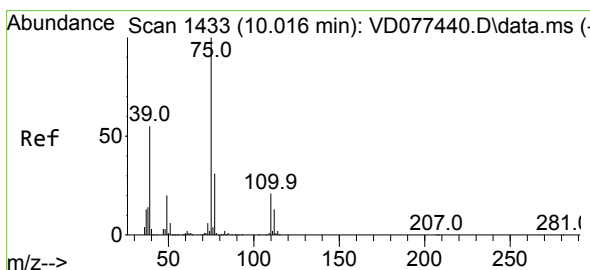
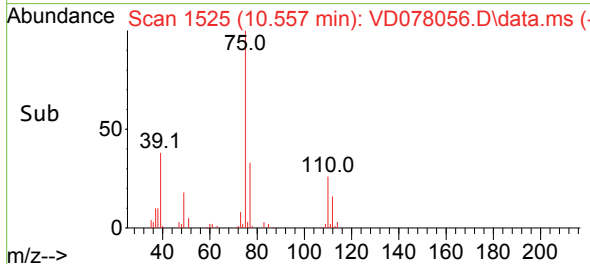
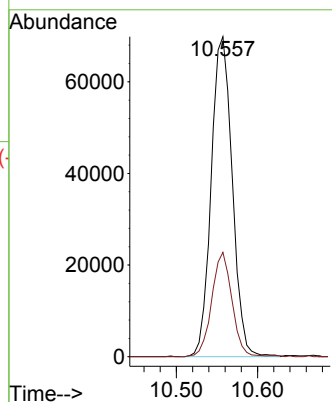
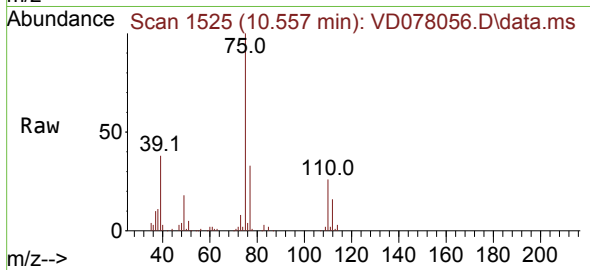




#53
 t-1,3-Dichloropropene
 Concen: 50.850 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

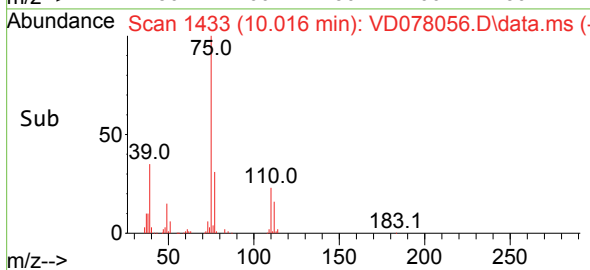
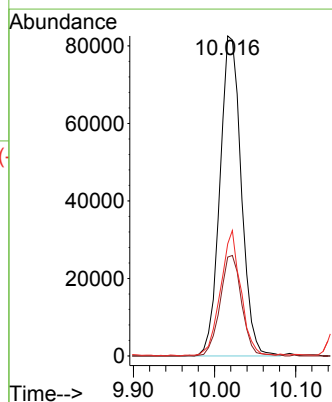
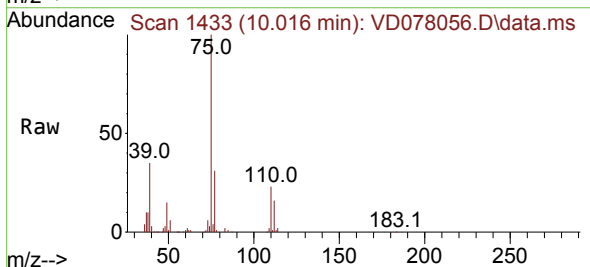
Instrument :
 MSVOA_D
 ClientSampleId :

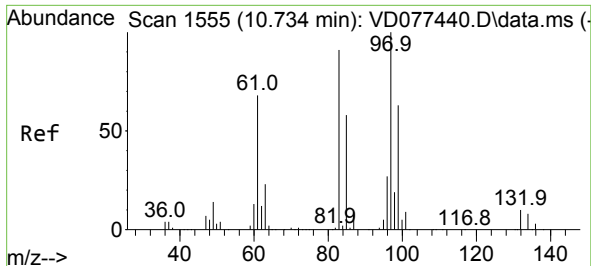
Tgt Ion: 75 Resp: 125899
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 50.513 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

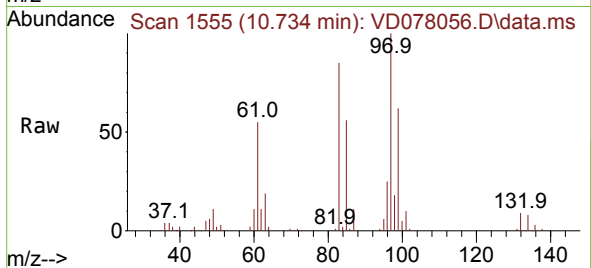
Tgt Ion: 75 Resp: 151208
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.5 38.3
 39 35.1 22.1 33.1#



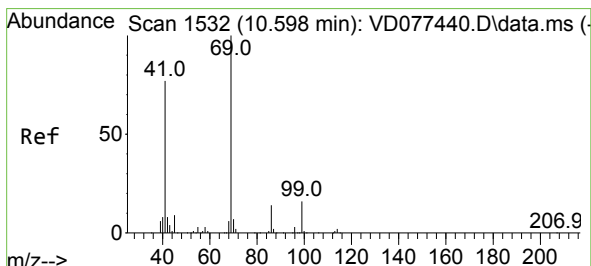
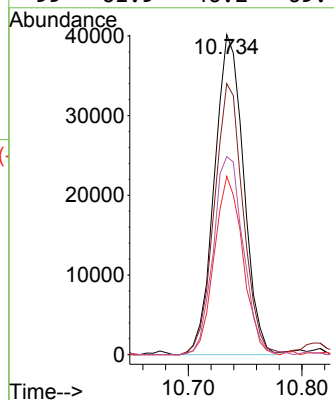
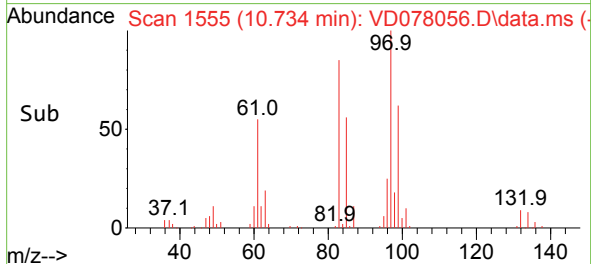


#55
 1,1,2-Trichloroethane
 Concen: 51.516 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

Instrument :
 MSVOA_D
 ClientSampleId :

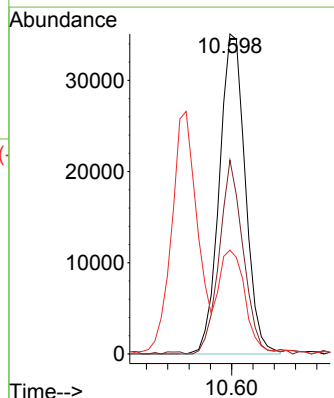
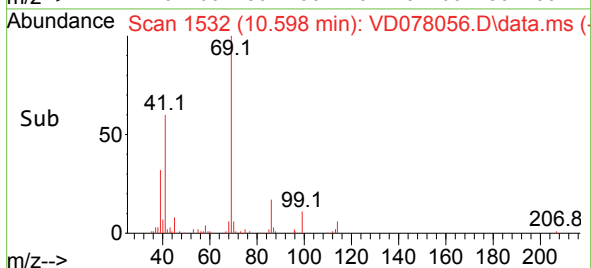
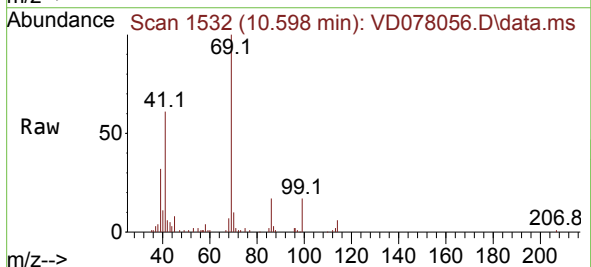


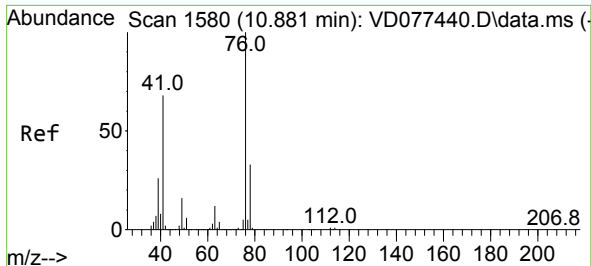
Tgt Ion:	97	Resp:	71678
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.8	98.6
85	55.7	45.7	68.5
99	61.9	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 48.228 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

Tgt Ion:	69	Resp:	59154
Ion	Ratio	Lower	Upper
69	100		
41	56.2	39.1	58.7
39	31.5	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 51.088 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

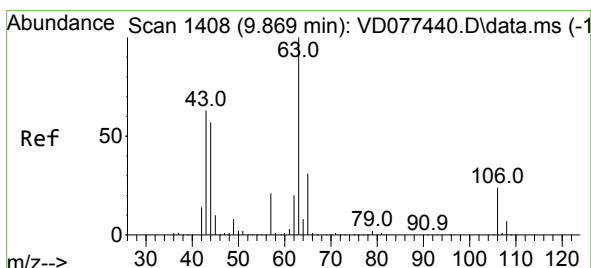
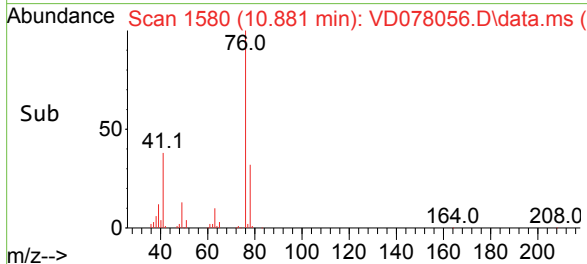
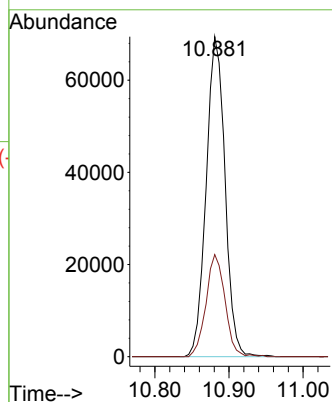
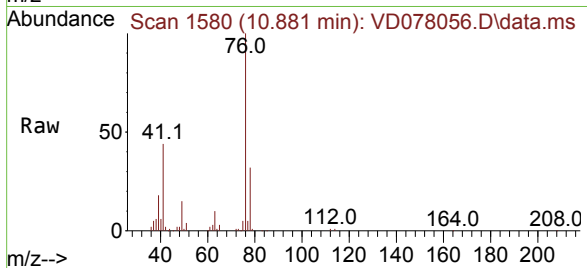
ClientSampleId :

Tgt Ion: 76 Resp: 122528

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 185.533 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078056.D

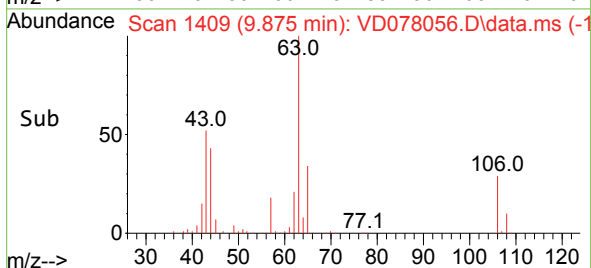
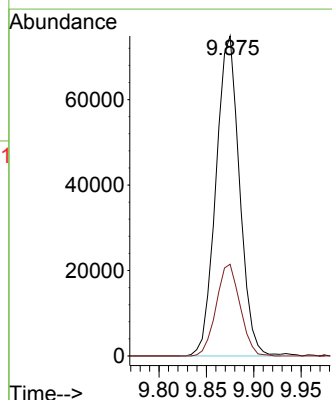
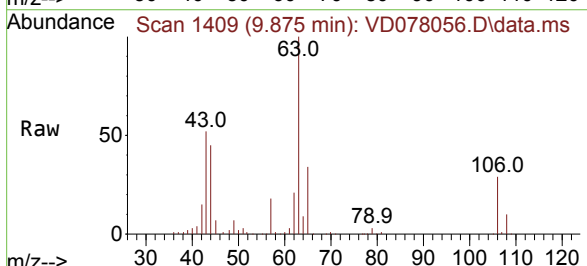
Acq: 22 Dec 2023 11:19

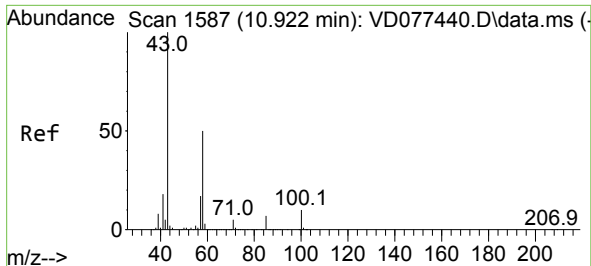
Tgt Ion: 63 Resp: 129775

Ion Ratio Lower Upper

63 100

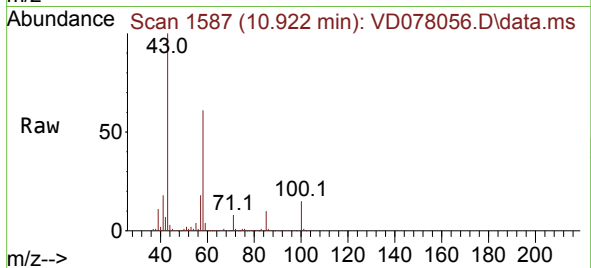
106 29.0 25.3 37.9



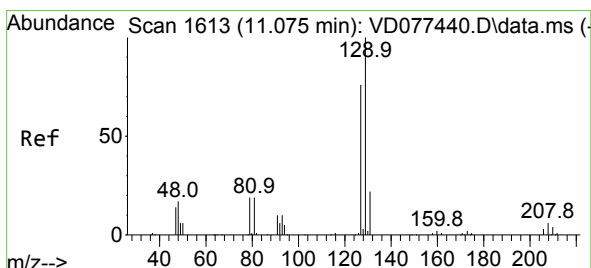
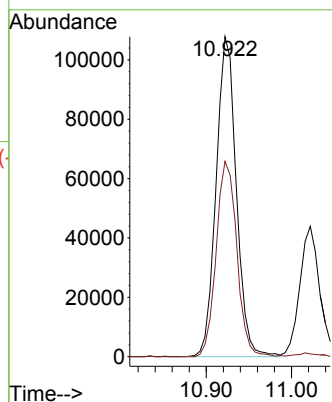
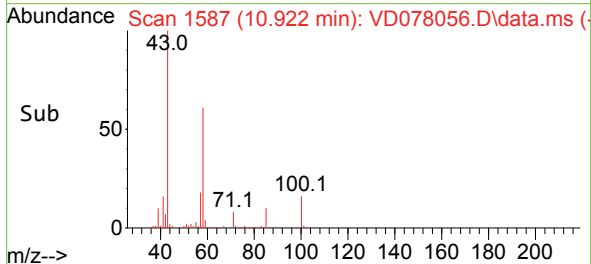


#59
2-Hexanone
Concen: 217.309 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :

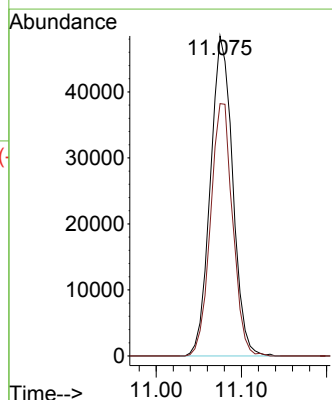
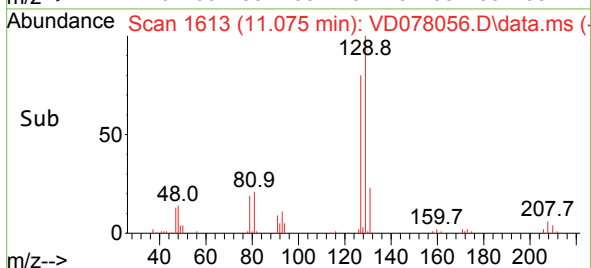
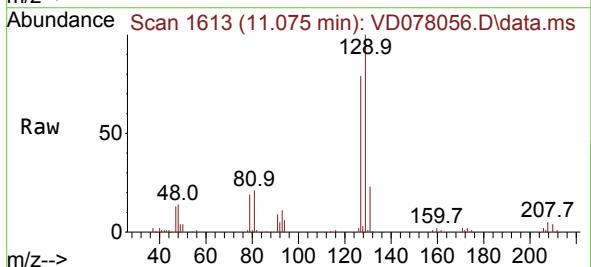


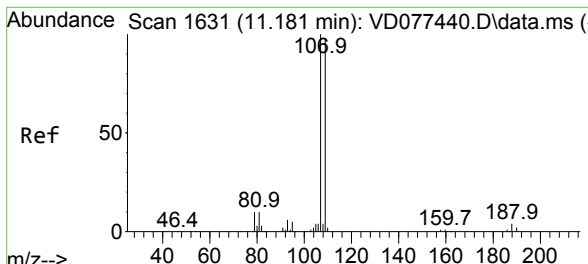
Tgt Ion: 43 Resp: 177707
Ion Ratio Lower Upper
43 100
58 62.5 34.1 102.2



#60
Dibromochloromethane
Concen: 52.511 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion:129 Resp: 87967
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5

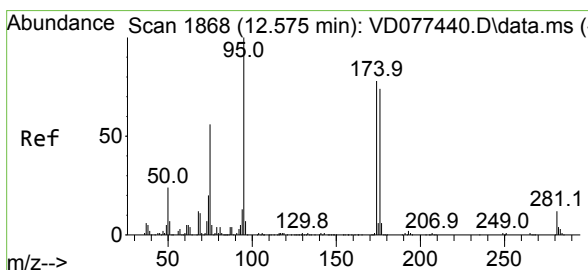
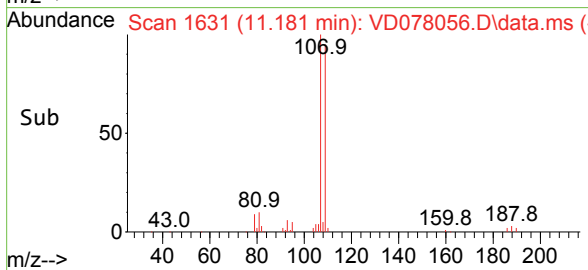
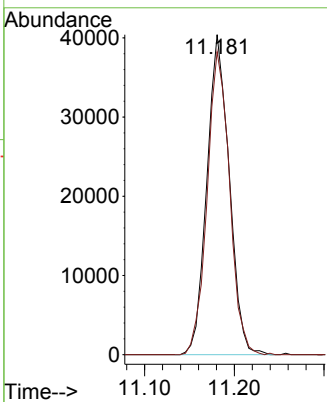
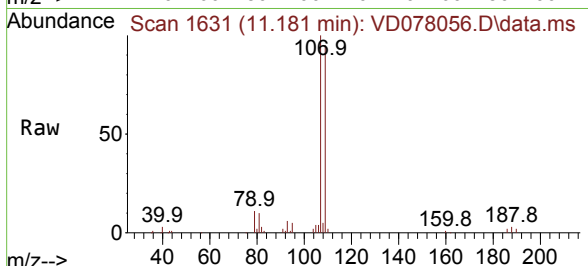




#61
 1,2-Dibromoethane
 Concen: 53.360 ug/l
 RT: 11.181 min Scan# 1631
 Delta R.T. -0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

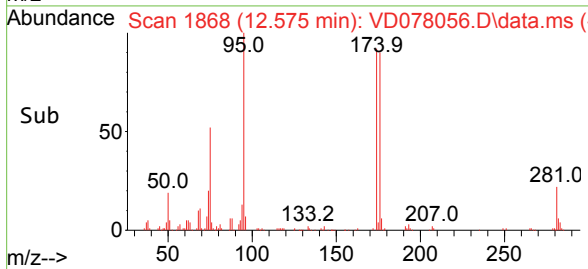
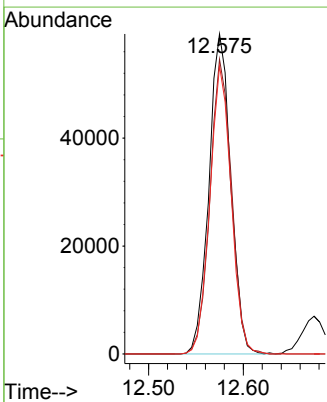
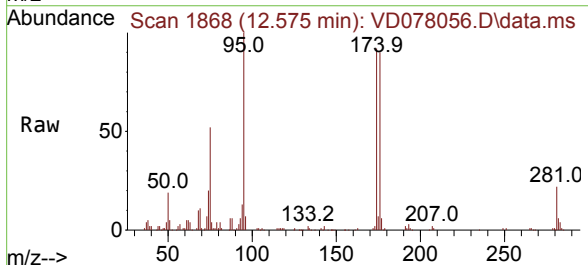
Instrument :
 MSVOA_D
 ClientSampleId :

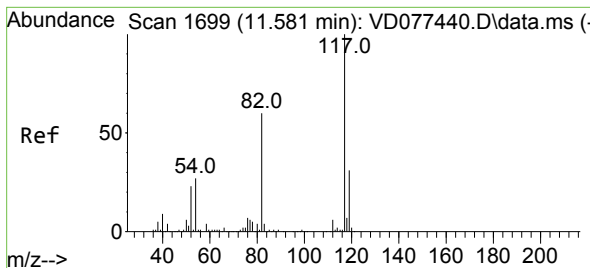
Tgt Ion:	107	Resp:	69889
Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.6	113.4



#62
 4-Bromofluorobenzene
 Concen: 45.603 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

Tgt Ion:	95	Resp:	95122
Ion	Ratio	Lower	Upper
95	100		
174	91.0	0.0	201.8
176	87.8	0.0	191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

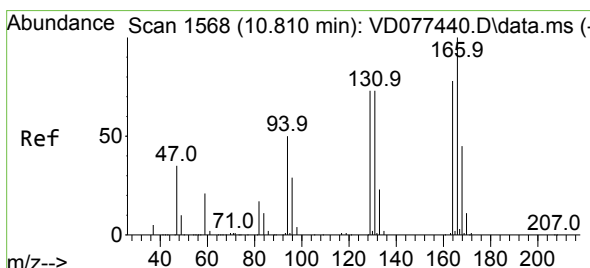
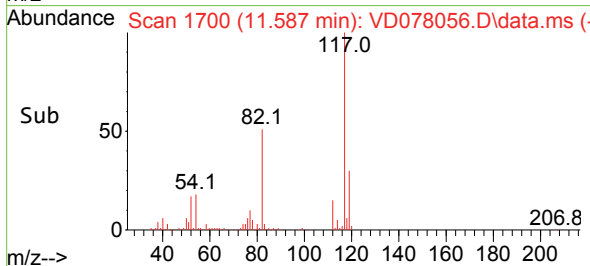
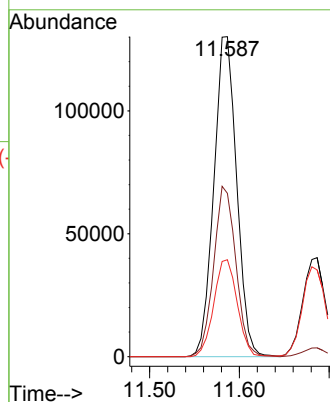
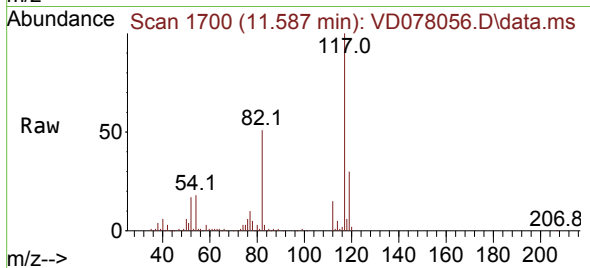
Tgt Ion:117 Resp: 230033

Ion Ratio Lower Upper

117 100

82 51.0 38.3 57.5

119 30.3 25.0 37.4



#64

Tetrachloroethene

Concen: 53.630 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Tgt Ion:164 Resp: 90674

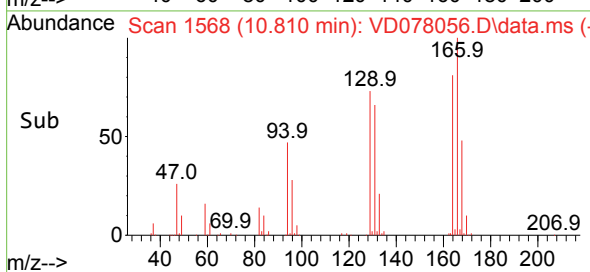
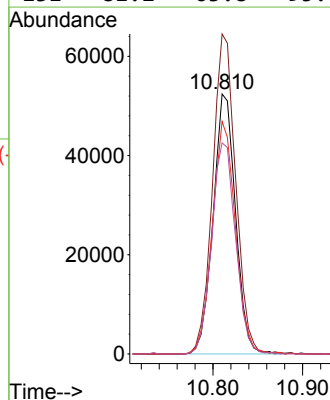
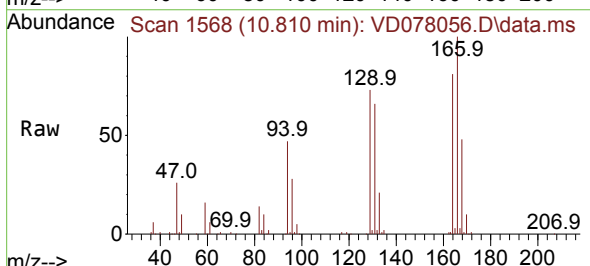
Ion Ratio Lower Upper

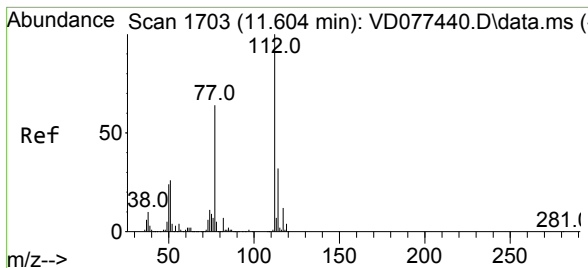
164 100

166 123.1 99.2 148.8

129 89.4 68.4 102.6

131 81.2 63.8 95.8





#65

Chlorobenzene

Concen: 49.292 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

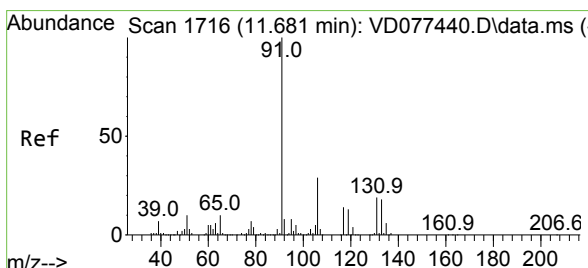
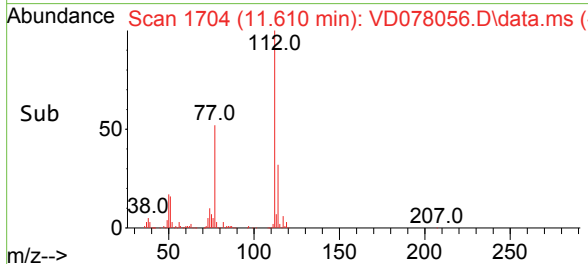
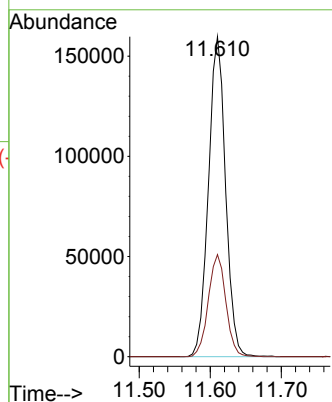
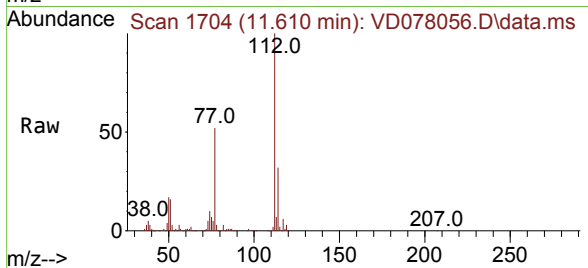
ClientSampleId :

Tgt Ion:112 Resp: 267435

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 50.881 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

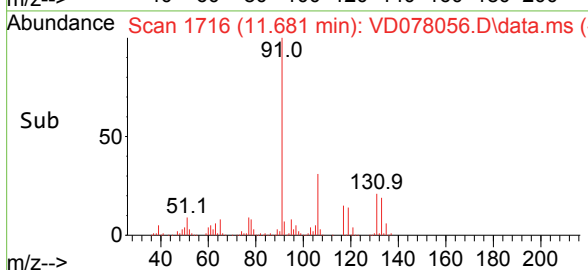
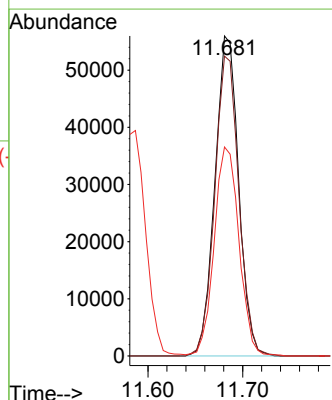
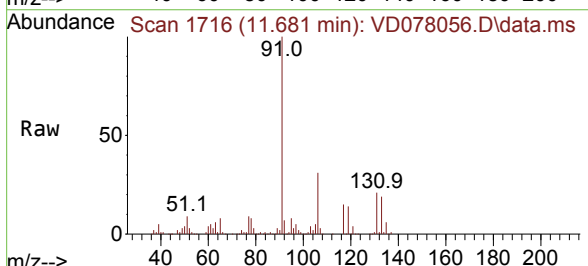
Tgt Ion:131 Resp: 97330

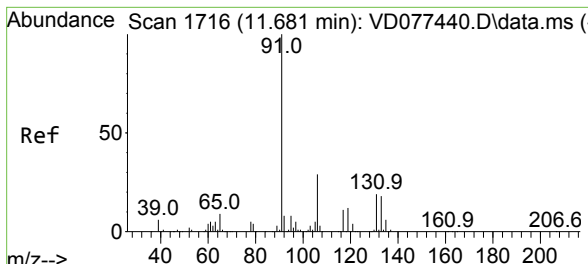
Ion Ratio Lower Upper

131 100

133 95.6 48.5 145.5

119 68.4 35.6 106.9

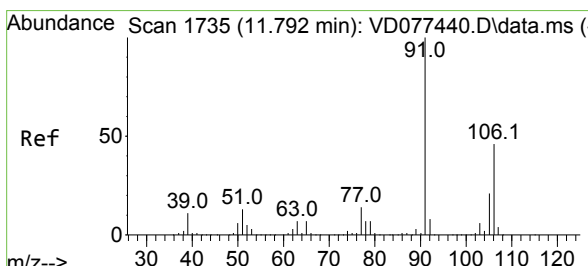
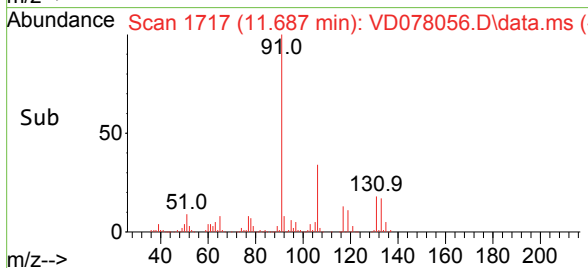
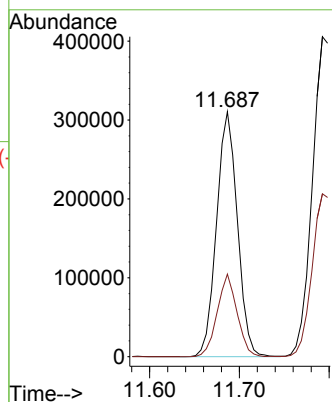
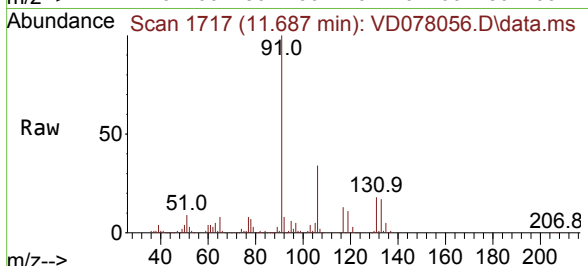




#67
Ethyl Benzene
Concen: 52.234 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

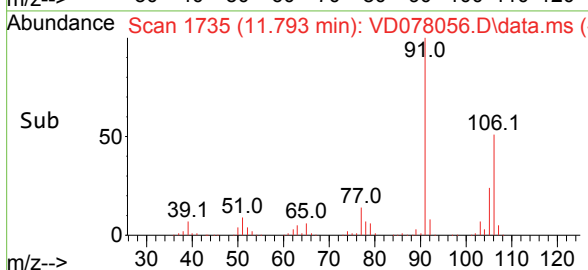
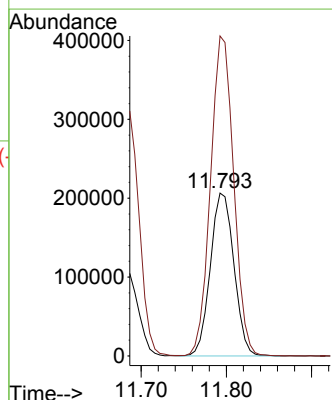
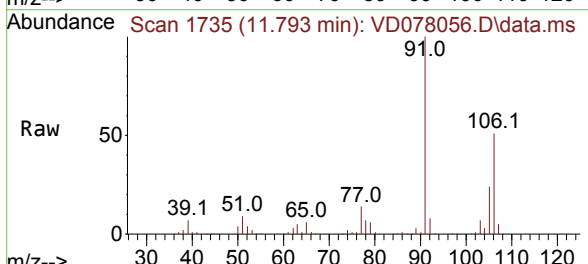
Instrument :
MSVOA_D
ClientSampleId :

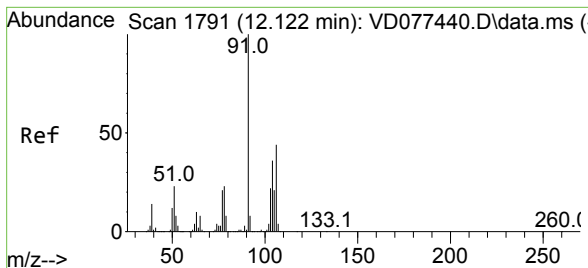
Tgt Ion: 91 Resp: 500245
Ion Ratio Lower Upper
91 100
106 33.7 26.5 39.7



#68
m/p-Xylenes
Concen: 108.591 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion:106 Resp: 397794
Ion Ratio Lower Upper
106 100
91 193.1 147.0 220.6

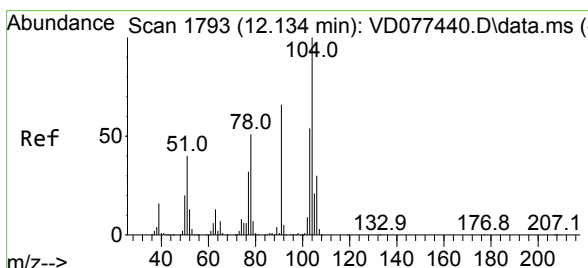
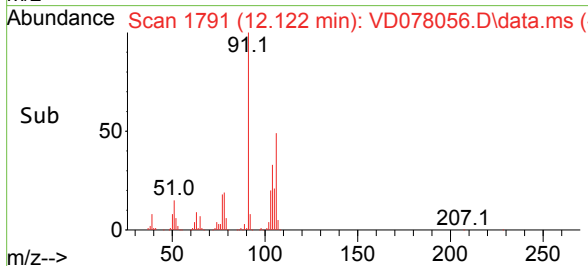
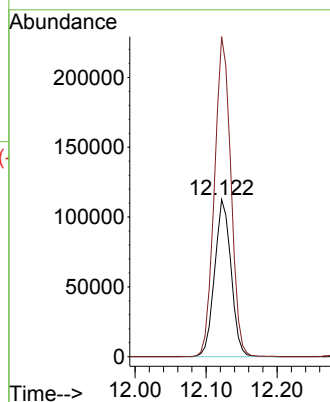
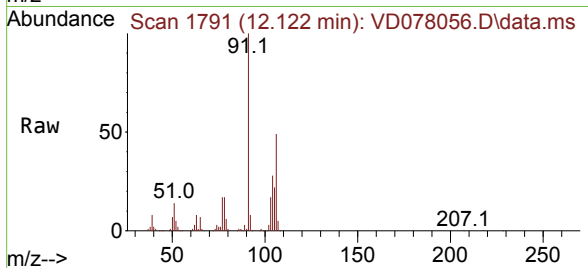




#69
o-Xylene
Concen: 53.402 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

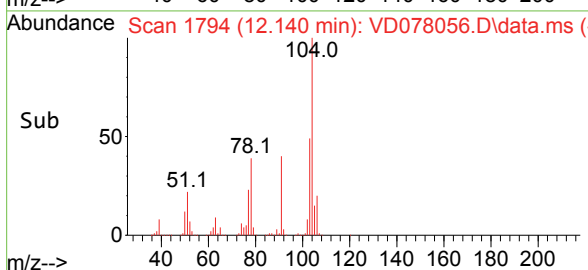
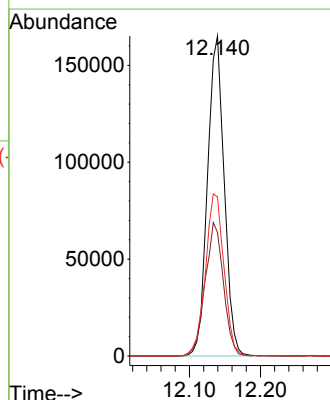
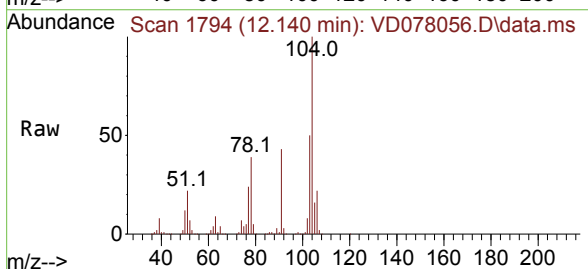
Instrument :
MSVOA_D
ClientSampleId :

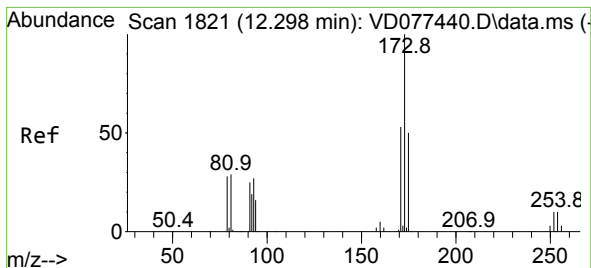
Tgt Ion:106 Resp: 180290
Ion Ratio Lower Upper
106 100
91 204.1 97.9 293.6



#70
Styrene
Concen: 53.789 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion:104 Resp: 270027
Ion Ratio Lower Upper
104 100
78 45.7 33.2 49.8
103 56.3 43.6 65.4





#71

Bromoform

Concen: 51.166 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078056.D

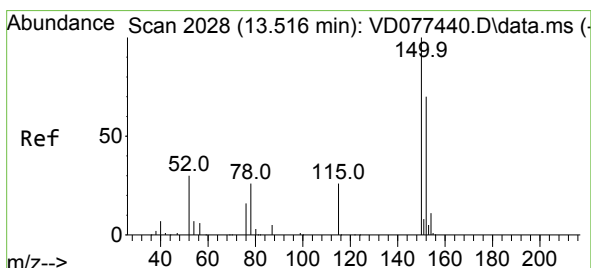
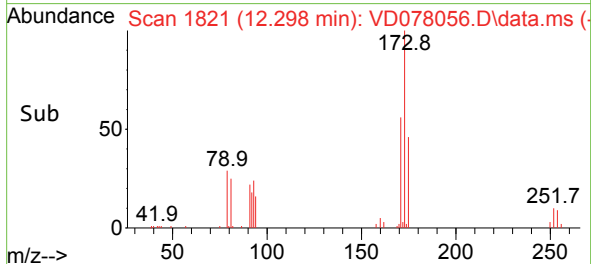
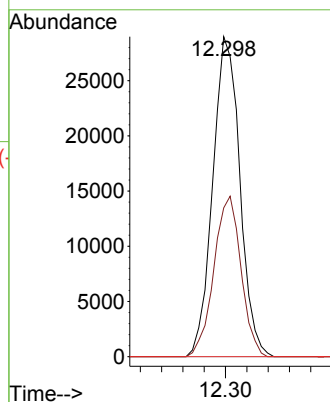
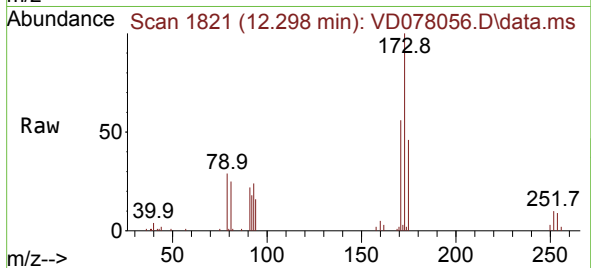
Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	173	Resp:	51140
Ion Ratio	Lower	Upper	
173	100		
175	50.2	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

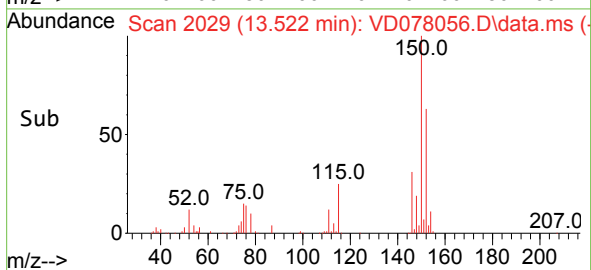
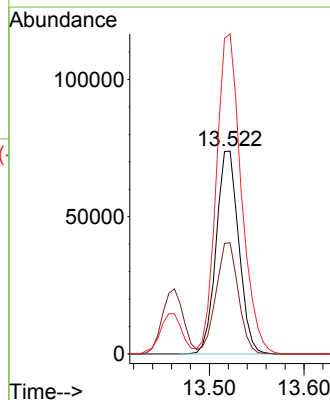
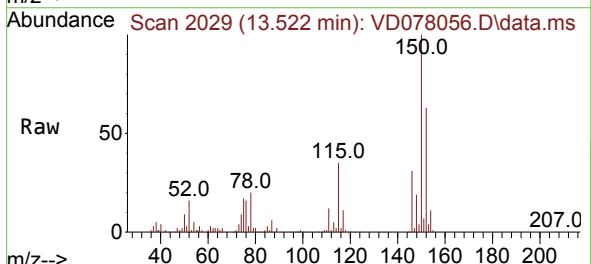
RT: 13.522 min Scan# 2029

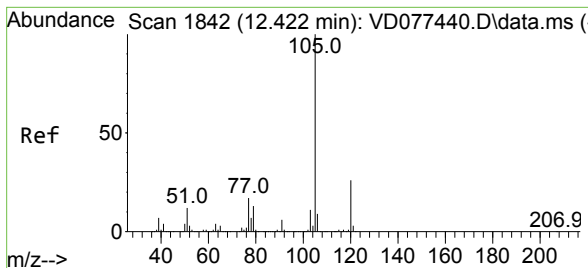
Delta R.T. 0.006 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Tgt Ion:	152	Resp:	122665
Ion Ratio	Lower	Upper	
152	100		
115	54.5	27.1	81.3
150	174.0	0.0	353.6





#73

Isopropylbenzene

Concen: 52.033 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

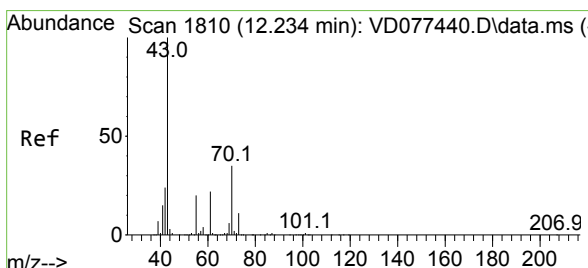
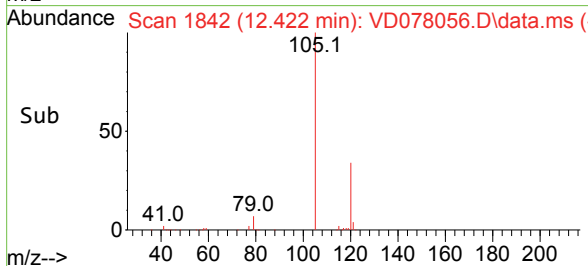
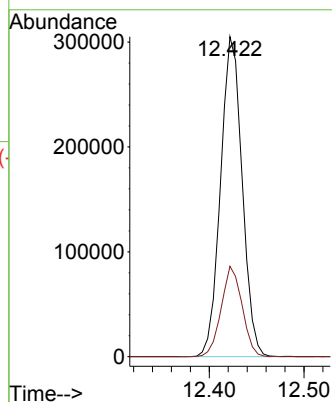
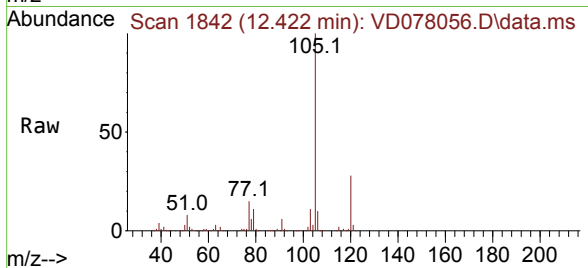
ClientSampleId :

Tgt Ion:105 Resp: 483746

Ion Ratio Lower Upper

105 100

120 27.4 14.3 42.9



#74

N-ethyl acetate

Concen: 42.858 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Tgt Ion: 43 Resp: 78323

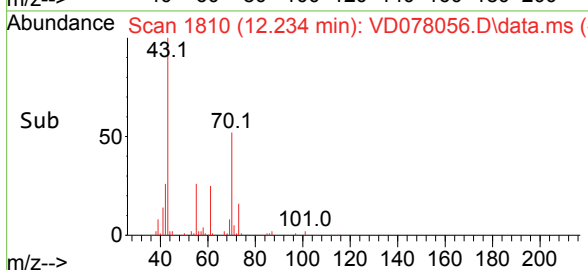
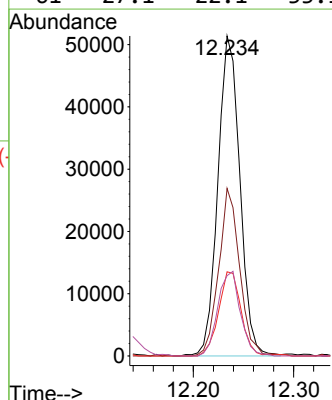
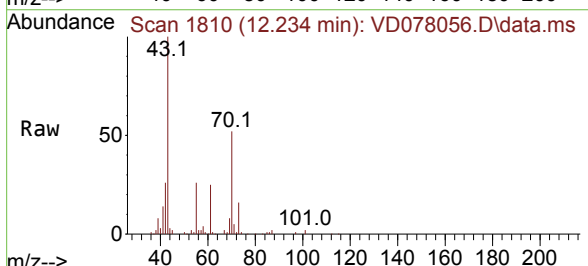
Ion Ratio Lower Upper

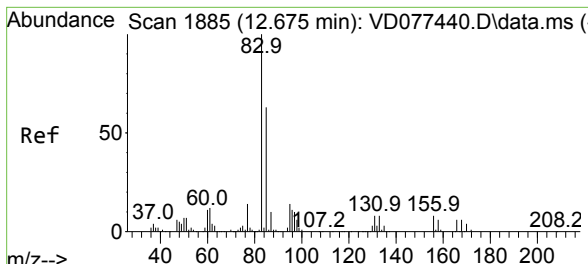
43 100

70 49.9 45.0 67.4

55 27.1 23.8 35.6

61 27.1 22.1 33.1

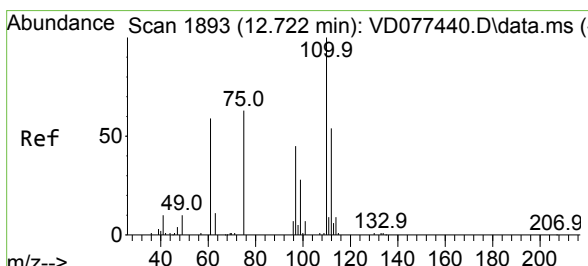
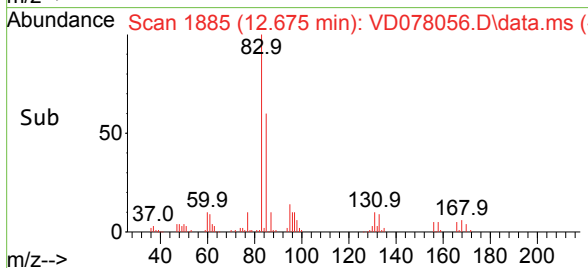
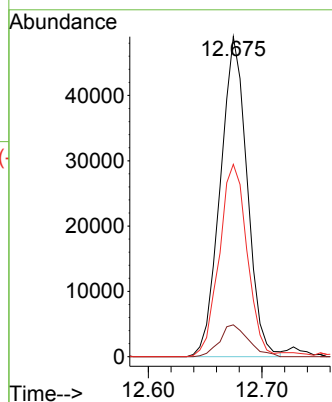
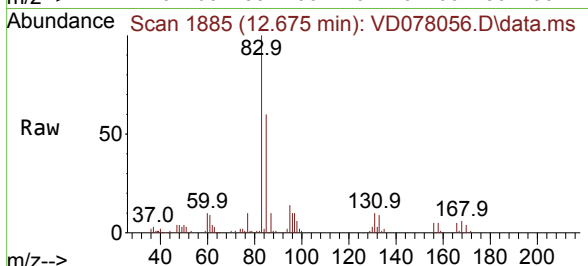




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.576 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

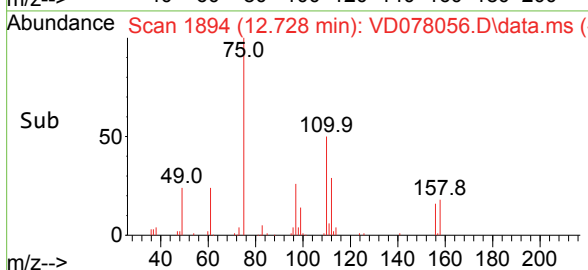
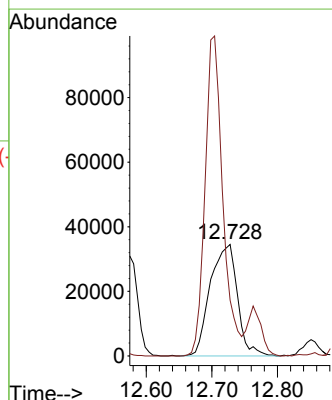
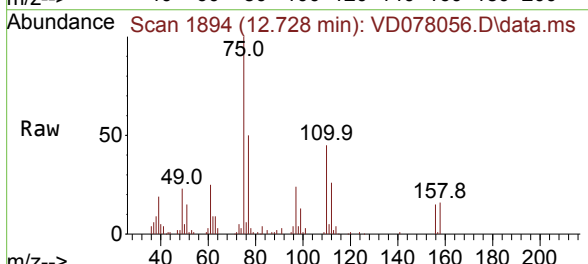
Instrument :
 MSVOA_D
 ClientSampleId :

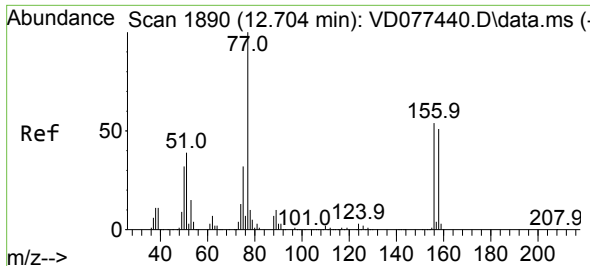
Tgt Ion:	83	Resp:	80364
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	62.6	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 93.300 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

Tgt Ion:	75	Resp:	99397
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

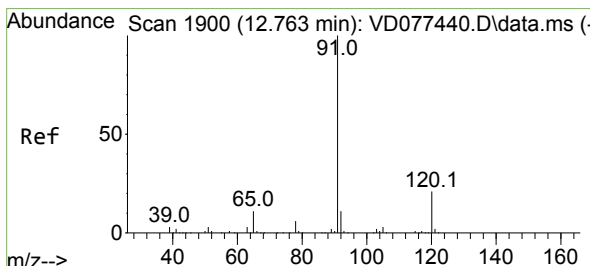
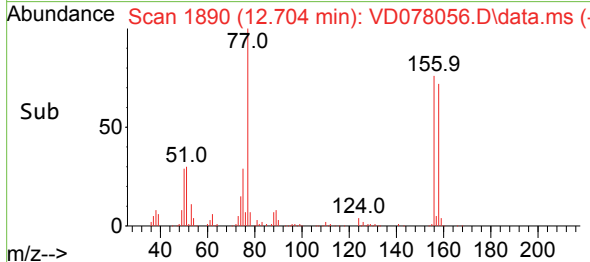
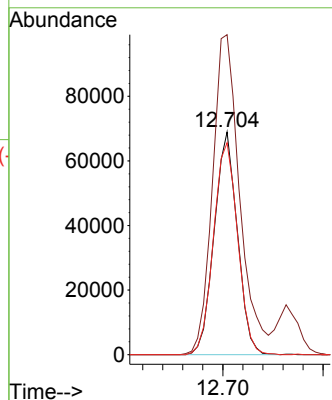
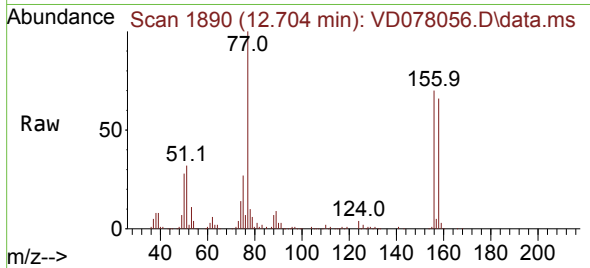




#77
Bromobenzene
Concen: 50.564 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

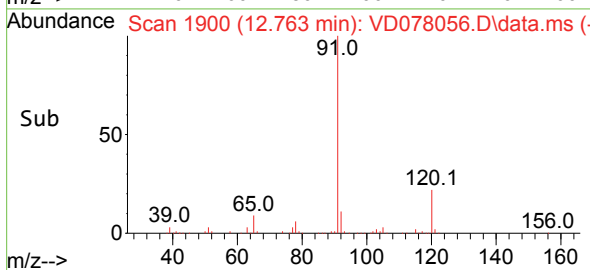
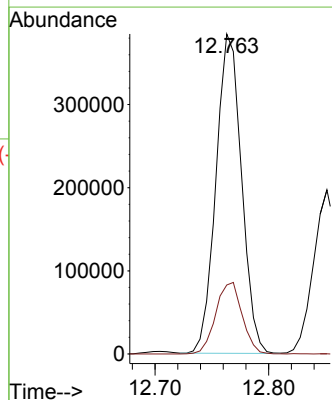
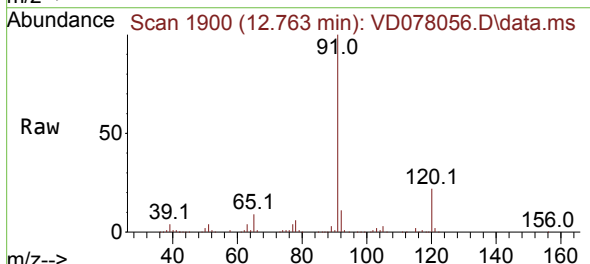
Instrument :
MSVOA_D
ClientSampleId :

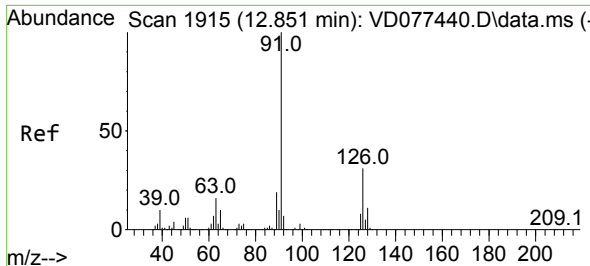
Tgt Ion:156 Resp: 110571
Ion Ratio Lower Upper
156 100
77 169.0 76.8 230.4
158 99.6 48.6 145.9



#78
n-propylbenzene
Concen: 53.033 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 91 Resp: 600787
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.2

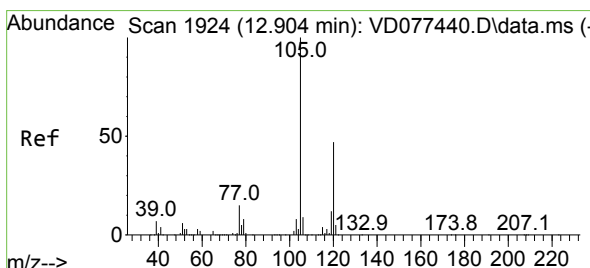
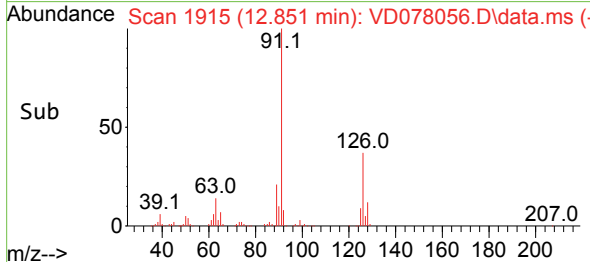
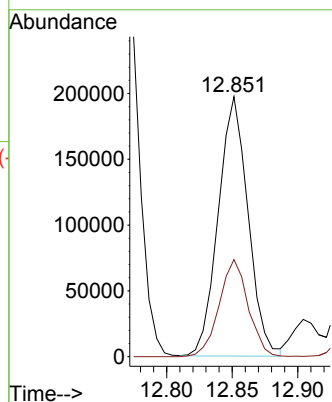
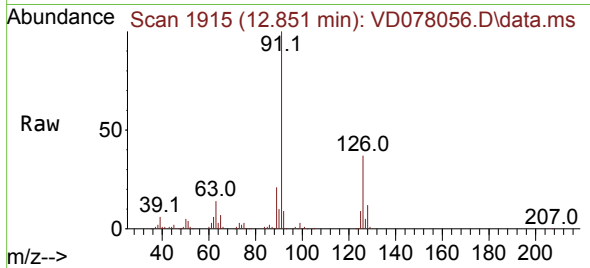




#79
2-Chlorotoluene
Concen: 51.361 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

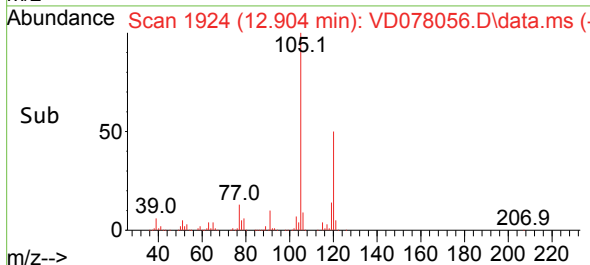
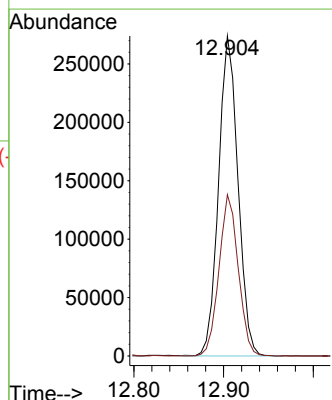
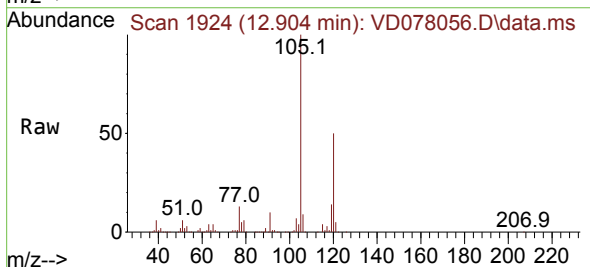
Instrument :
MSVOA_D
ClientSampleId :

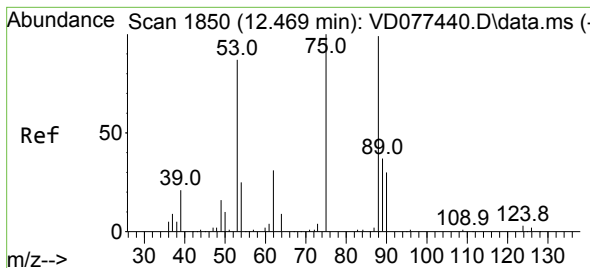
Tgt Ion: 91 Resp: 311818
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.059 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 105 Resp: 411416
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

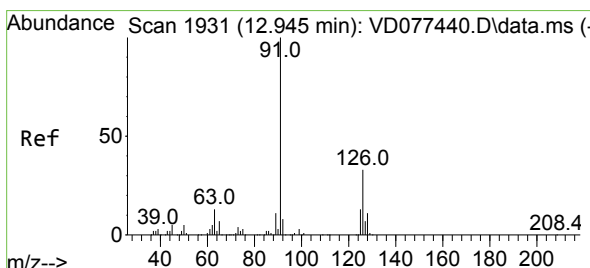
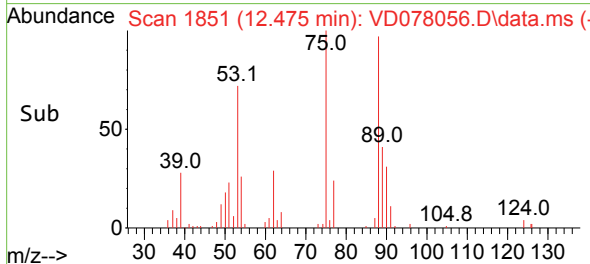
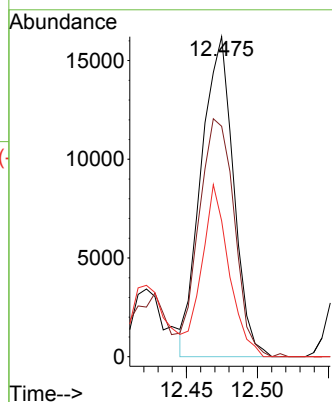
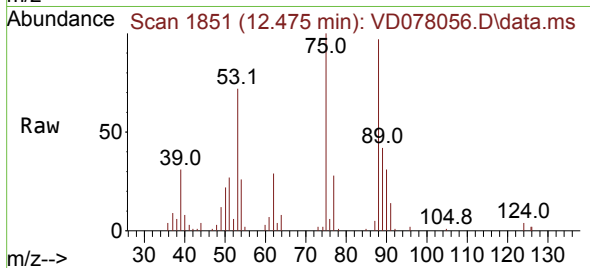




#81
trans-1,4-Dichloro-2-butene
Concen: 48.737 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

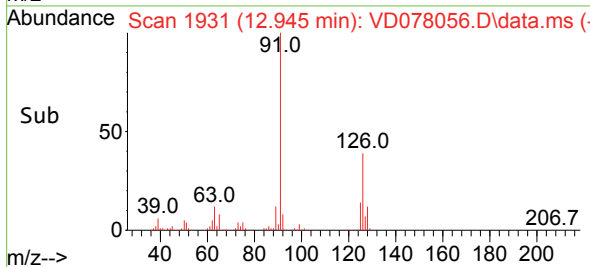
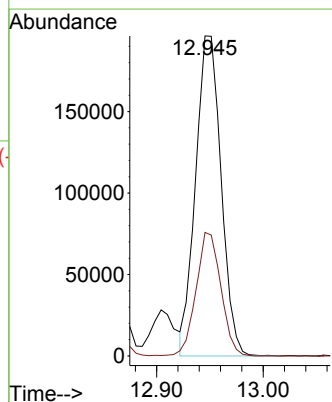
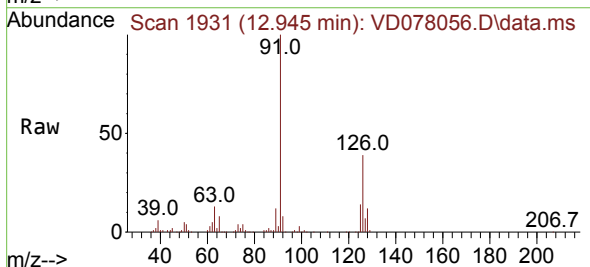
Instrument :
MSVOA_D
ClientSampleId :

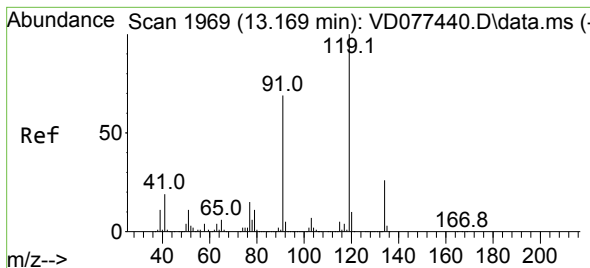
Tgt Ion: 75 Resp: 25627
Ion Ratio Lower Upper
75 100
53 82.7 63.0 94.4
89 45.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 51.560 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

Tgt Ion: 91 Resp: 327245
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.4





#83

tert-Butylbenzene

Concen: 53.742 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

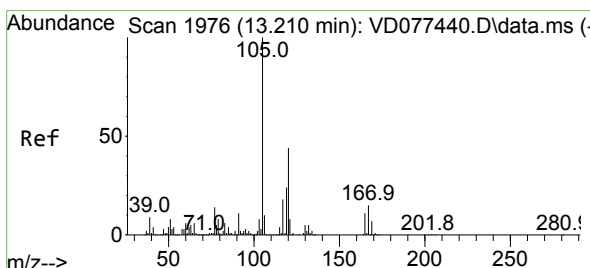
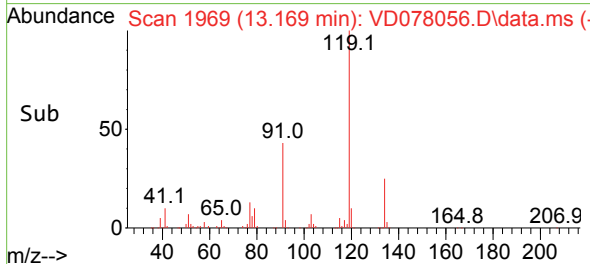
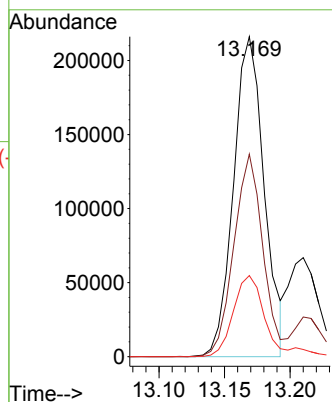
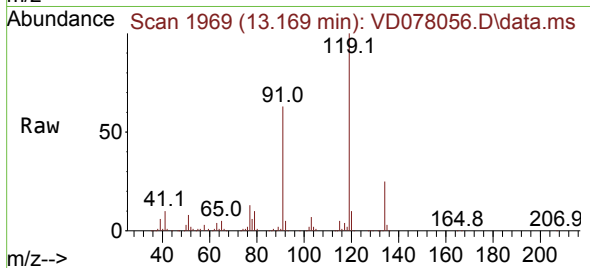
Tgt Ion:119 Resp: 351800

Ion Ratio Lower Upper

119 100

91 60.7 29.3 87.8

134 25.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 53.066 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD078056.D

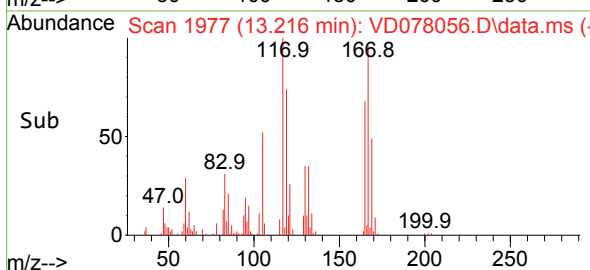
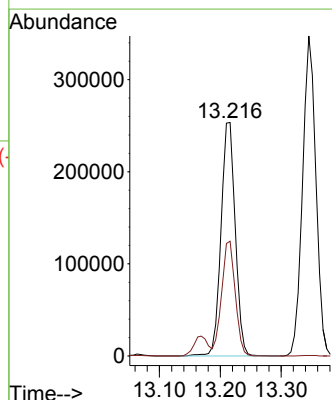
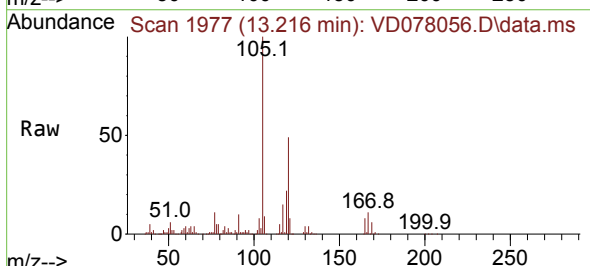
Acq: 22 Dec 2023 11:19

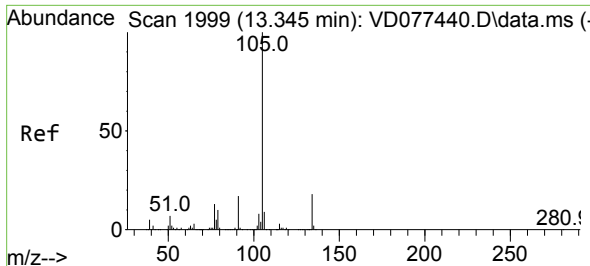
Tgt Ion:105 Resp: 411553

Ion Ratio Lower Upper

105 100

120 47.0 24.3 72.9

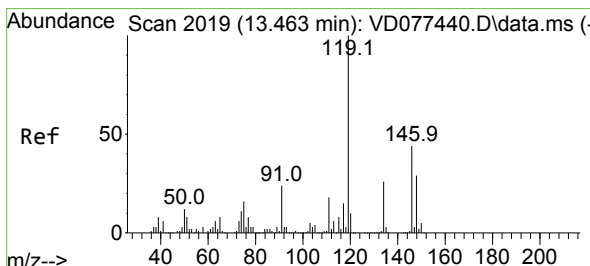
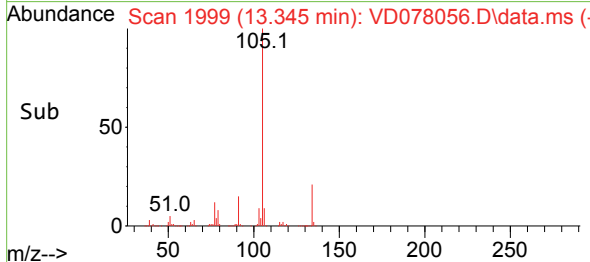
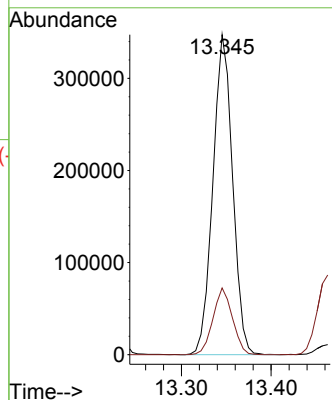
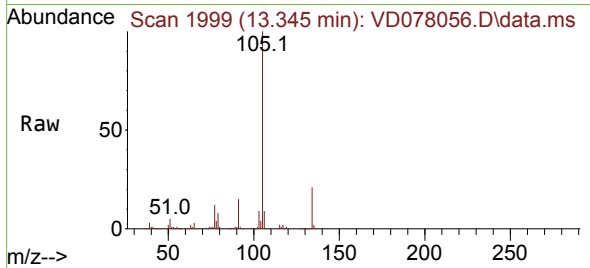




#85
 sec-Butylbenzene
 Concen: 54.654 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

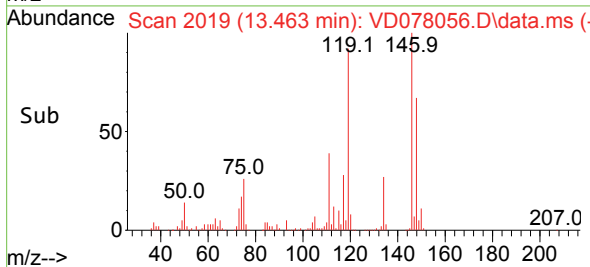
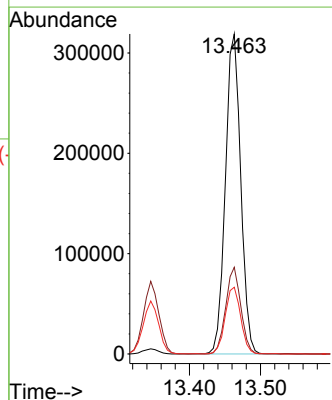
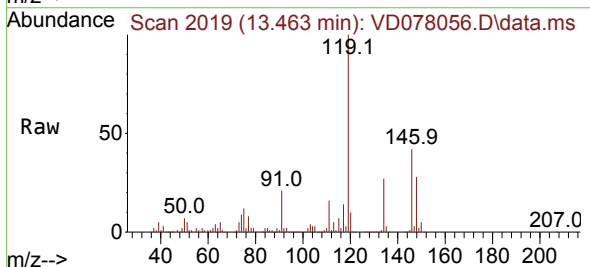
Instrument :
 MSVOA_D
 ClientSampleId :

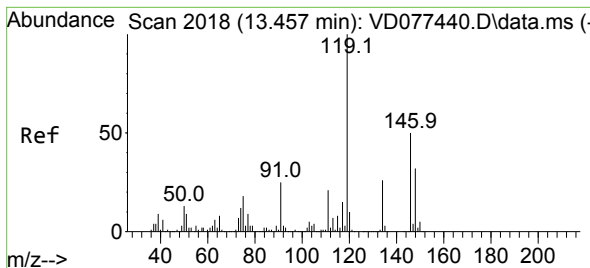
Tgt Ion:105 Resp: 528846
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 55.013 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

Tgt Ion:119 Resp: 476602
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 21.3 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 52.007 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

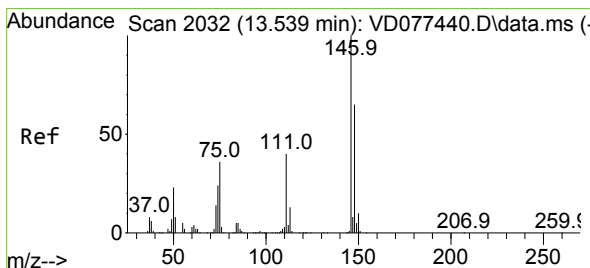
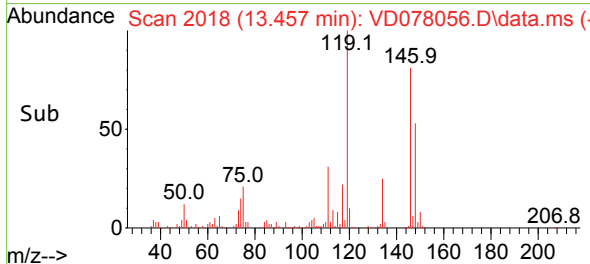
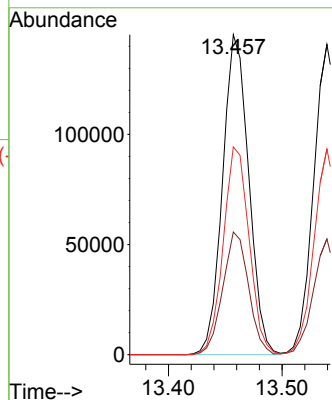
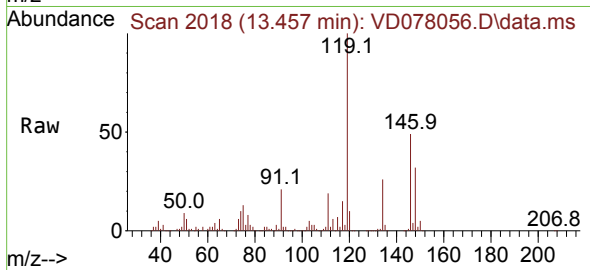
Tgt Ion:146 Resp: 232568

Ion Ratio Lower Upper

146 100

111 38.0 17.9 53.8

148 64.3 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 50.800 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

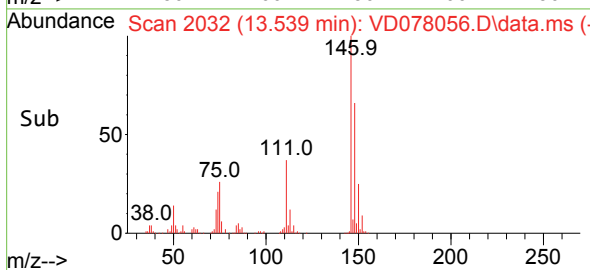
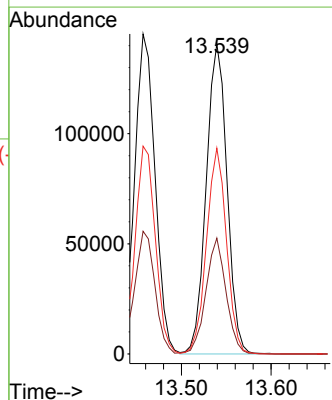
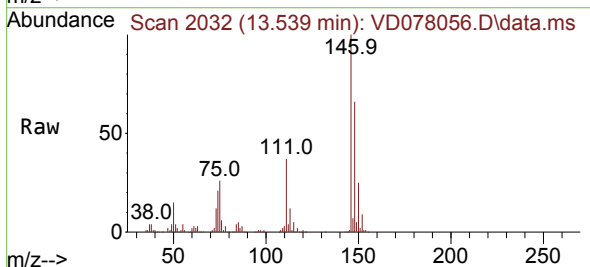
Tgt Ion:146 Resp: 226634

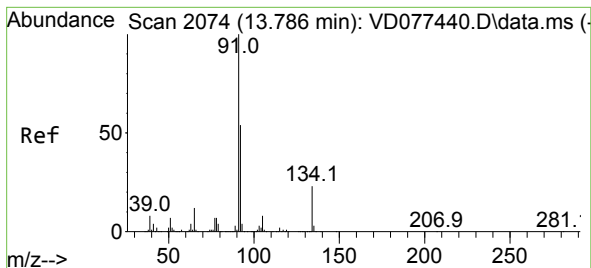
Ion Ratio Lower Upper

146 100

111 36.4 17.4 52.3

148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 55.479 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD078056.D

Acq: 22 Dec 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

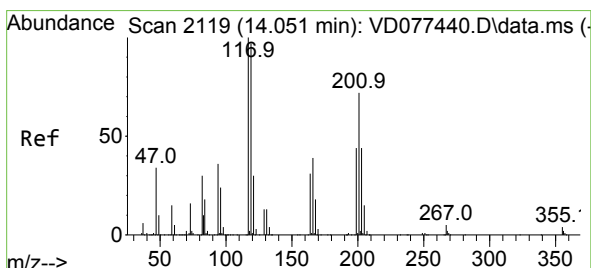
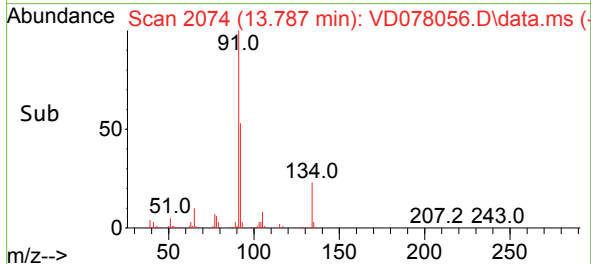
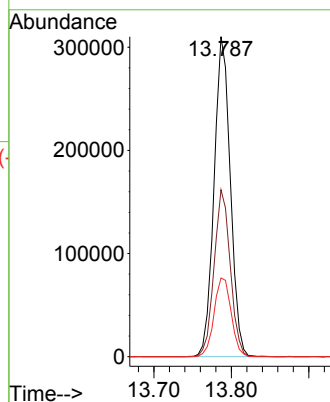
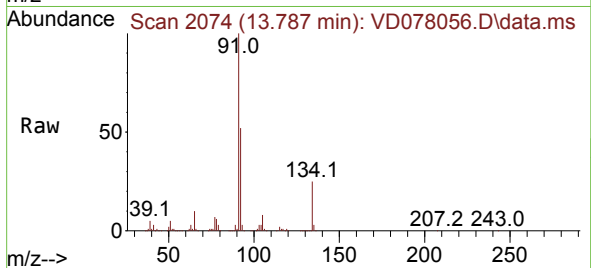
Tgt Ion: 91 Resp: 452255

Ion Ratio Lower Upper

91 100

92 51.8 26.5 79.5

134 25.9 13.8 41.3



#90

Hexachloroethane

Concen: 55.702 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078056.D

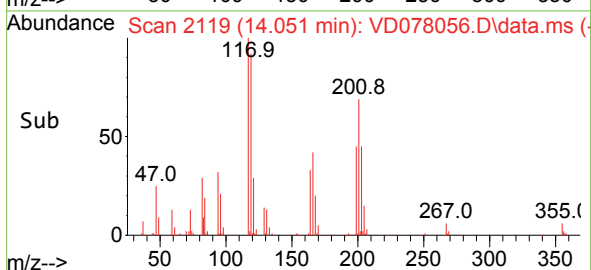
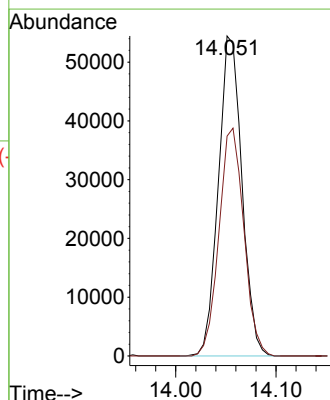
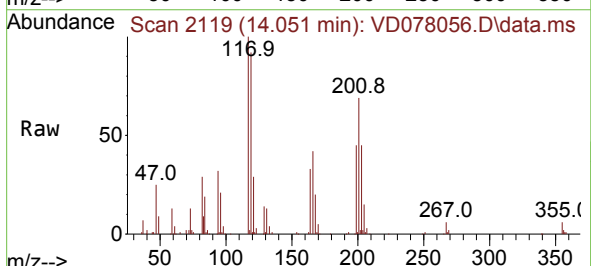
Acq: 22 Dec 2023 11:19

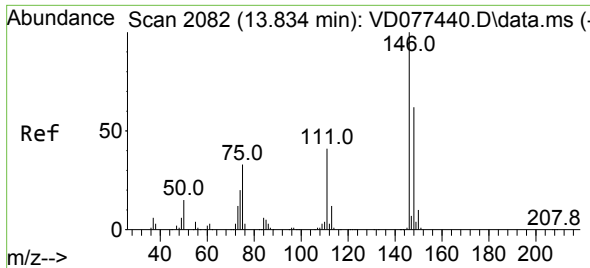
Tgt Ion: 117 Resp: 88747

Ion Ratio Lower Upper

117 100

201 75.1 38.5 115.5

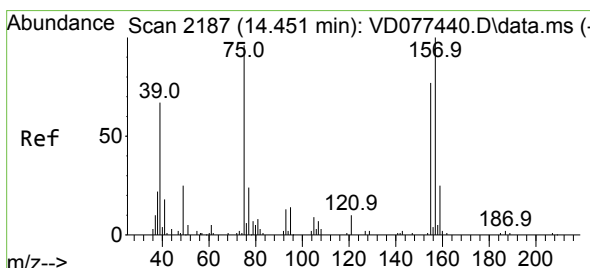
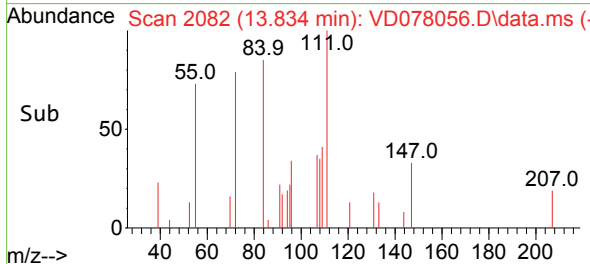
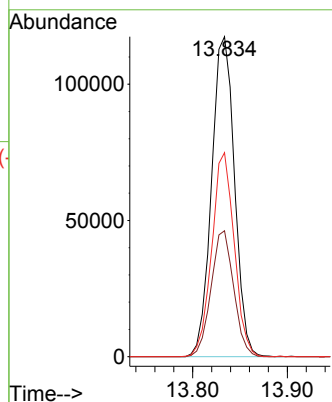
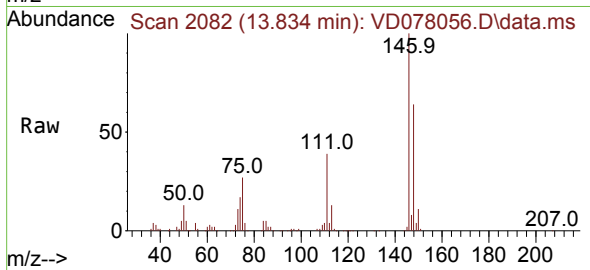




#91
1,2-Dichlorobenzene
Concen: 51.940 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

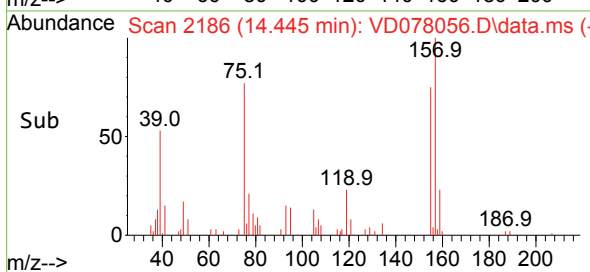
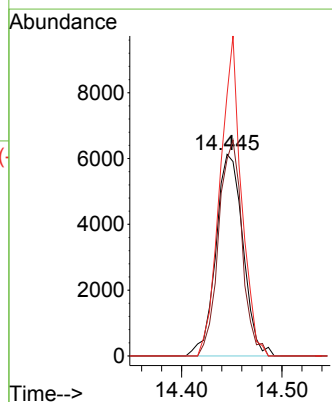
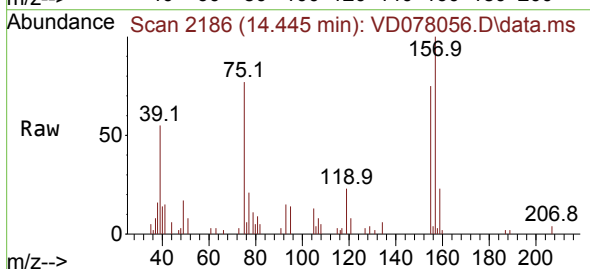
Instrument :
MSVOA_D
ClientSampleId :

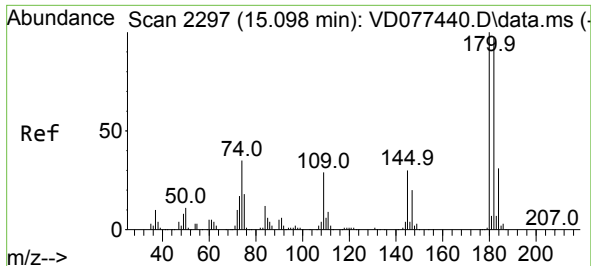
Tgt Ion:146 Resp: 197542
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 62.5 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.997 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

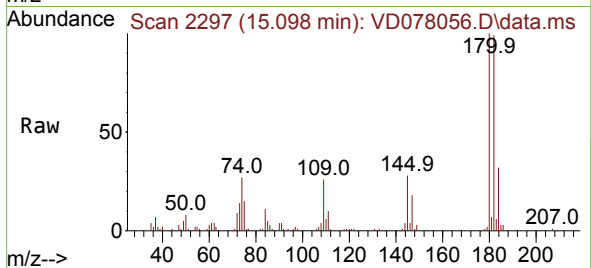
Tgt Ion: 75 Resp: 11510
Ion Ratio Lower Upper
75 100
155 92.2 47.9 143.8
157 124.9 59.9 179.7



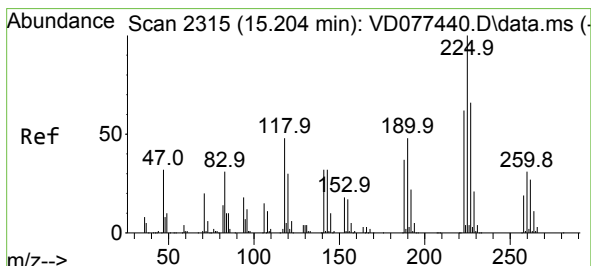
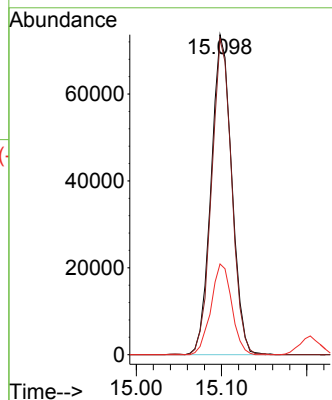
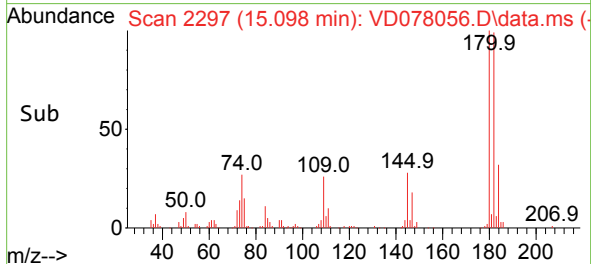


#93
1,2,4-Trichlorobenzene
Concen: 47.698 ug/l
RT: 15.098 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19

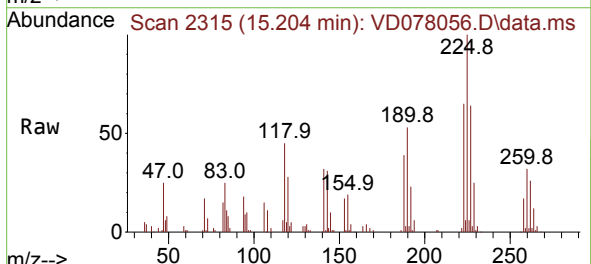
Instrument :
MSVOA_D
ClientSampleId :



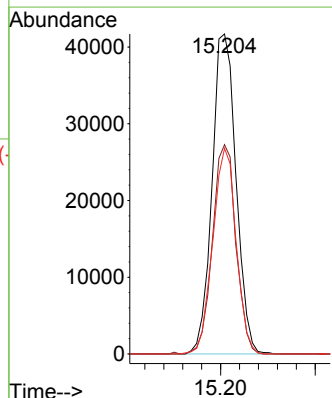
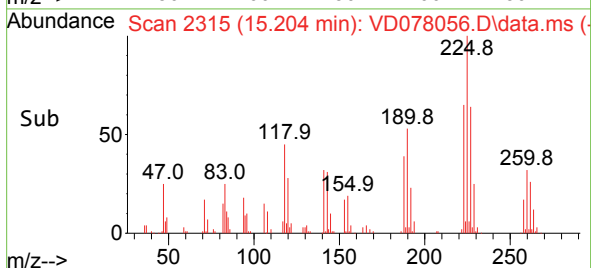
Tgt Ion:180 Resp: 123911
Ion Ratio Lower Upper
180 100
182 96.0 48.5 145.6
145 28.5 14.2 42.6

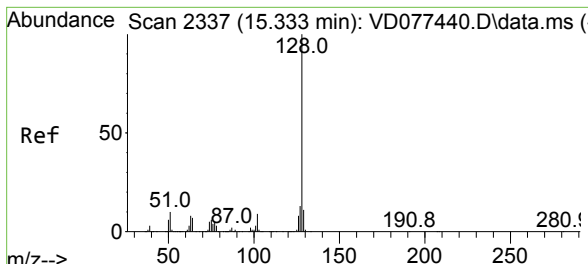


#94
Hexachlorobutadiene
Concen: 52.241 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078056.D
Acq: 22 Dec 2023 11:19



Tgt Ion:225 Resp: 73182
Ion Ratio Lower Upper
225 100
223 63.9 31.6 94.8
227 62.7 31.7 95.1

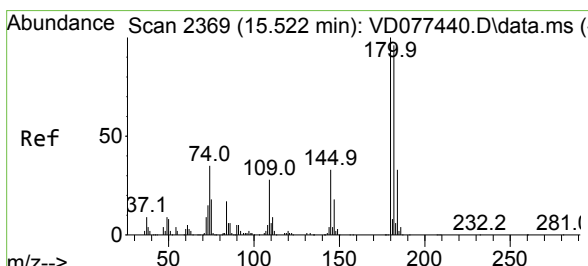
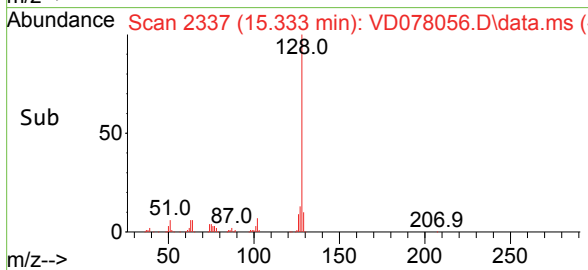
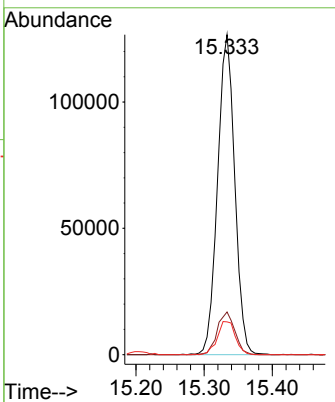
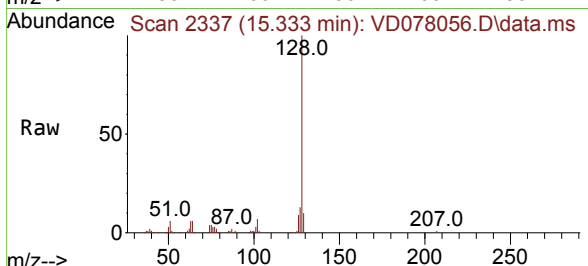




#95
 Naphthalene
 Concen: 51.412 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	221909
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.3	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 50.981 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. -0.000 min
 Lab File: VD078056.D
 Acq: 22 Dec 2023 11:19

Tgt Ion:	180	Resp:	109186
Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	141.9
145	29.2	15.1	45.3

