

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078019.D
 Acq On : 21 Dec 2023 04:01
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 05:35:46 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	102206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	184440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	180267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	101726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65041	54.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.020%	
35) Dibromofluoromethane	7.810	113	69639	53.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.800%	
50) Toluene-d8	10.269	98	272824	52.726	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.460%	
62) 4-Bromofluorobenzene	12.575	95	85103	55.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.020%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	48093	37.669	ug/l	99
3) Chloromethane	2.152	50	89119	51.210	ug/l	99
4) Vinyl Chloride	2.287	62	124282	52.606	ug/l	98
5) Bromomethane	2.699	94	99271	74.884	ug/l	99
6) Chloroethane	2.846	64	97475	60.518	ug/l	94
7) Trichlorofluoromethane	3.181	101	101180	46.501	ug/l	97
8) Diethyl Ether	3.599	74	32914	53.871	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.975	101	60223	48.381	ug/l	96
10) Methyl Iodide	4.175	142	72086	63.908	ug/l #	89
11) Tert butyl alcohol	5.058	59	12862	220.438	ug/l #	93
12) 1,1-Dichloroethene	3.952	96	61537	50.089	ug/l #	78
13) Acrolein	3.799	56	17799	139.712	ug/l	95
14) Allyl chloride	4.569	41	85690	50.714	ug/l	90
15) Acrylonitrile	5.264	53	71398	272.933	ug/l	99
16) Acetone	4.022	43	55024	205.825	ug/l	88
17) Carbon Disulfide	4.275	76	182121	43.817	ug/l	97
18) Methyl Acetate	4.569	43	58320	61.487	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	149231	57.252	ug/l	92
20) Methylene Chloride	4.805	84	82862	58.965	ug/l #	84
21) trans-1,2-Dichloroethene	5.322	96	78054	56.092	ug/l	92
22) Diisopropyl ether	6.216	45	198186	56.128	ug/l	93
23) Vinyl Acetate	6.164	43	345215	200.205	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	137936	57.685	ug/l	98
25) 2-Butanone	7.087	43	78802	237.267	ug/l	88
26) 2,2-Dichloropropane	7.081	77	102446	51.028	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	92741	61.938	ug/l	95
28) Bromochloromethane	7.428	49	48483	50.178	ug/l #	79
29) Tetrahydrofuran	7.440	42	49789	259.613	ug/l	87
30) Chloroform	7.605	83	146451	61.196	ug/l	95
31) Cyclohexane	7.887	56	91675	42.796	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	116902	55.412	ug/l	99
36) 1,1-Dichloropropene	8.010	75	103014	49.849	ug/l	97
37) Ethyl Acetate	7.169	43	36544	45.352	ug/l #	92
38) Carbon Tetrachloride	7.999	117	102714	49.857	ug/l	97
39) Methylcyclohexane	9.281	83	107934	44.057	ug/l	97
40) Benzene	8.258	78	314652	53.647	ug/l	98

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	18748	45.777	ug/l #	90
42) 1,2-Dichloroethane	8.334	62	83121	54.672	ug/l	96
43) Isopropyl Acetate	8.363	43	69618	48.603	ug/l	95
44) Trichloroethene	9.034	130	82569	54.021	ug/l	99
45) 1,2-Dichloropropane	9.310	63	80130	56.199	ug/l	98
46) Dibromomethane	9.393	93	43536	57.708	ug/l	93
47) Bromodichloromethane	9.587	83	112503	58.834	ug/l	99
48) Methyl methacrylate	9.381	41	41010	50.366	ug/l #	79
49) 1,4-Dioxane	9.387	88	7499	1001.045	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	180718	247.209	ug/l	91
52) Toluene	10.334	92	204242	56.137	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	100043	54.481	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	120959	54.483	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	58945	57.121	ug/l	94
56) Ethyl methacrylate	10.599	69	50836	55.884	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	101866	57.268	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	120331	231.955	ug/l	94
59) 2-Hexanone	10.922	43	122560	202.078	ug/l	92
60) Dibromochloromethane	11.075	129	73994	59.556	ug/l	95
61) 1,2-Dibromoethane	11.181	107	55459	57.092	ug/l	99
64) Tetrachloroethene	10.810	164	68767	51.902	ug/l	90
65) Chlorobenzene	11.610	112	222098	52.352	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	81946	54.666	ug/l	97
67) Ethyl Benzene	11.687	91	404005	53.831	ug/l	95
68) m/p-Xylenes	11.793	106	309699	107.882	ug/l	92
69) o-Xylene	12.122	106	145626	55.042	ug/l	92
70) Styrene	12.134	104	223490	56.809	ug/l	95
71) Bromoform	12.298	173	42969	54.859	ug/l #	99
73) Isopropylbenzene	12.422	105	383016	49.678	ug/l	97
74) N-amyl acetate	12.234	43	62341	41.134	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	69135	51.427	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	80696	91.337	ug/l #	100
77) Bromobenzene	12.698	156	92517	51.016	ug/l	91
78) n-propylbenzene	12.763	91	466078	49.610	ug/l	96
79) 2-Chlorotoluene	12.851	91	255728	50.792	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	328075	51.020	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	19593	44.931	ug/l	93
82) 4-Chlorotoluene	12.945	91	264660	50.282	ug/l	97
83) tert-Butylbenzene	13.169	119	279605	51.505	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	333131	51.796	ug/l	97
85) sec-Butylbenzene	13.345	105	401232	50.001	ug/l	96
86) p-Isopropyltoluene	13.463	119	367447	51.144	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	194272	52.385	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	183226	49.482	ug/l	97
89) n-Butylbenzene	13.787	91	337089	49.863	ug/l	98
90) Hexachloroethane	14.057	117	72305	54.723	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	161085	51.073	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9182	47.094	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	100600	46.696	ug/l	96
94) Hexachlorobutadiene	15.204	225	52541	45.226	ug/l	99
95) Naphthalene	15.328	128	182474	50.977	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	87063	49.019	ug/l	99

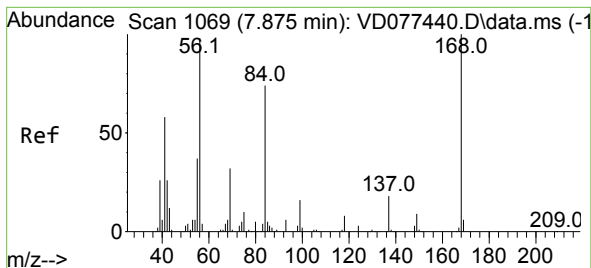
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

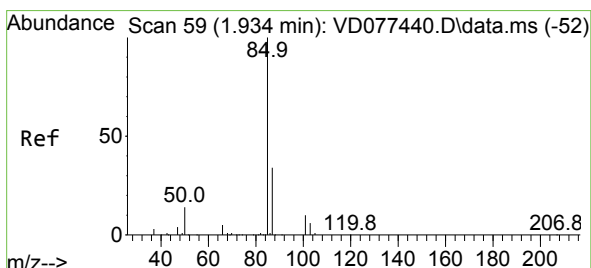
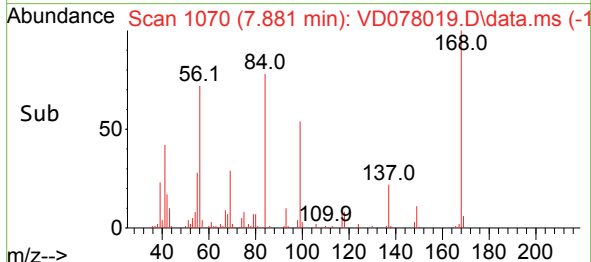
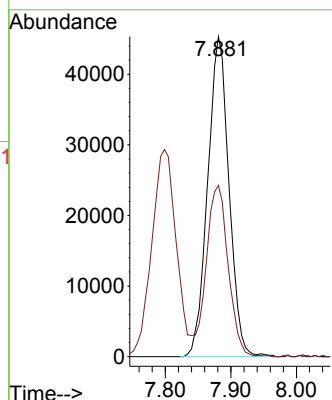
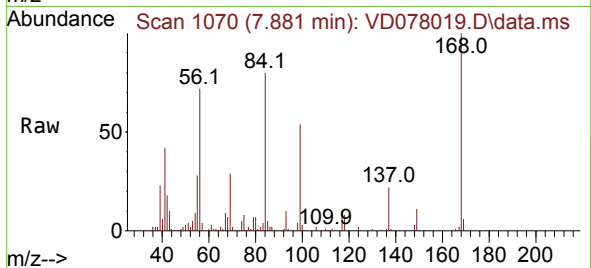
ClientSampleId :

Tgt Ion:168 Resp: 102206

Ion Ratio Lower Upper

168 100

99 53.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 37.669 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078019.D

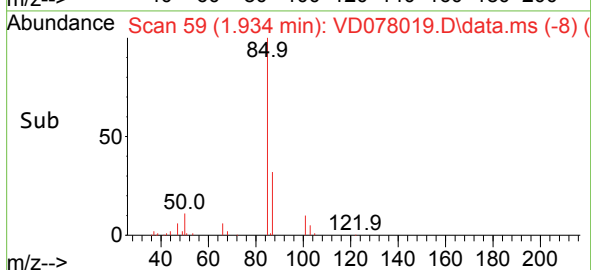
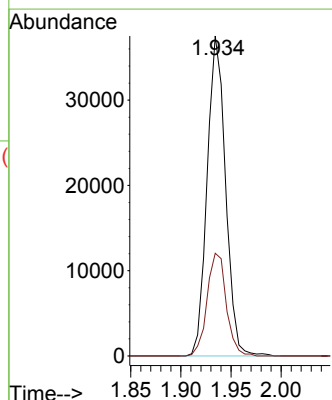
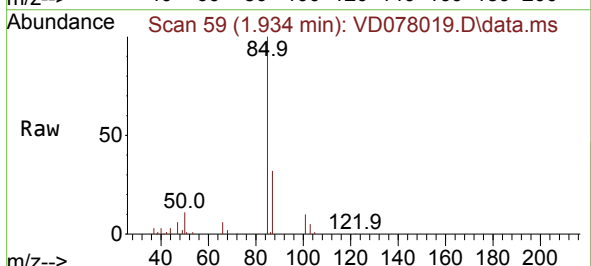
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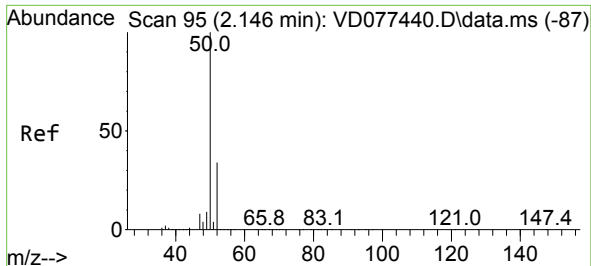
Tgt Ion: 85 Resp: 48093

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.0

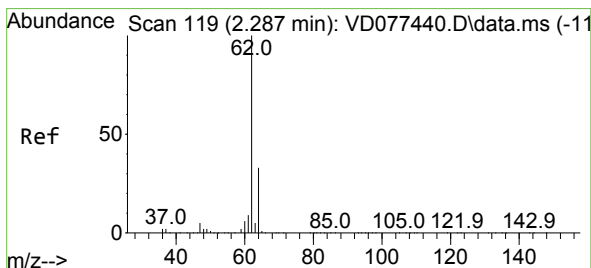
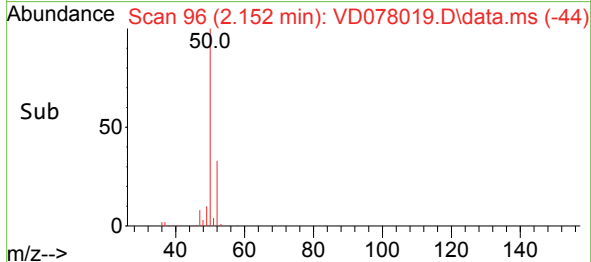
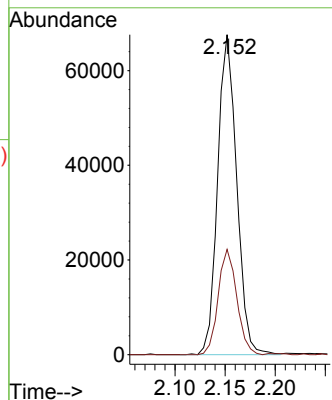
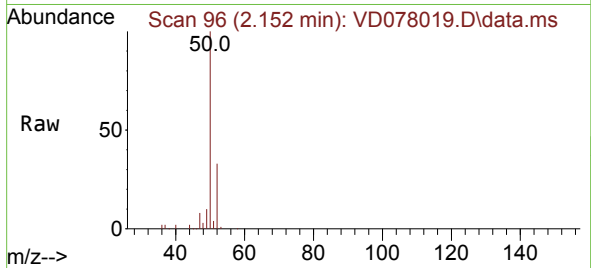




#3
Chloromethane
Concen: 51.210 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

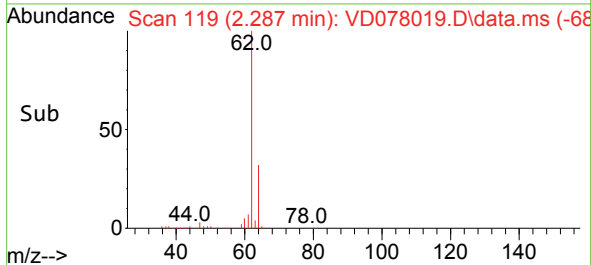
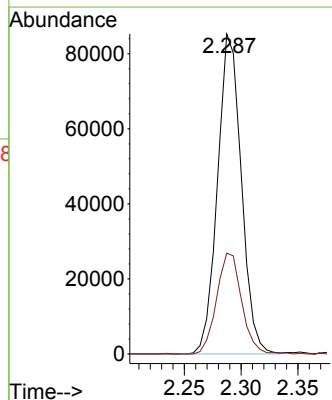
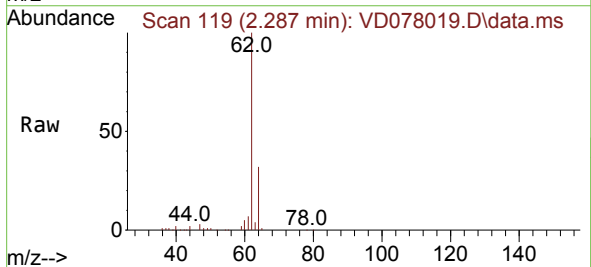
Instrument :
MSVOA_D
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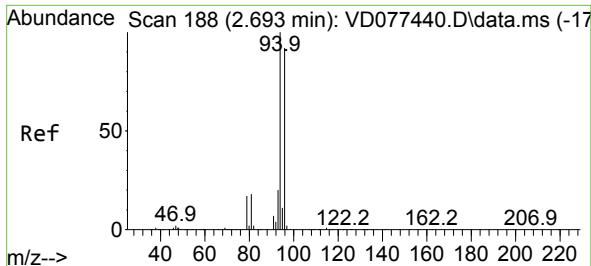
Tgt Ion: 50 Resp: 89119
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 52.606 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 62 Resp: 124282
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0

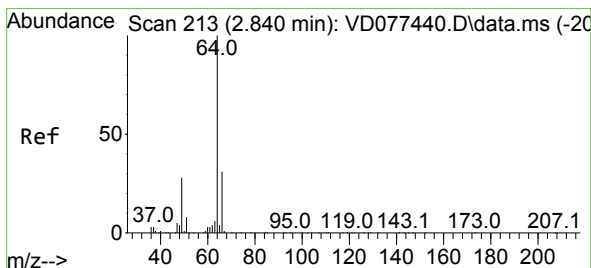
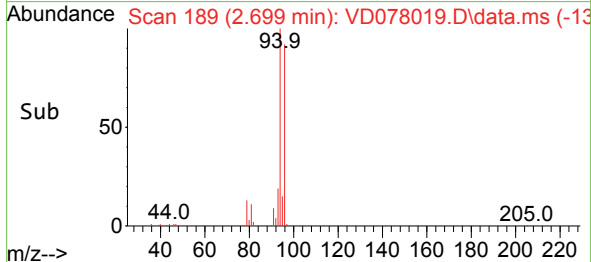
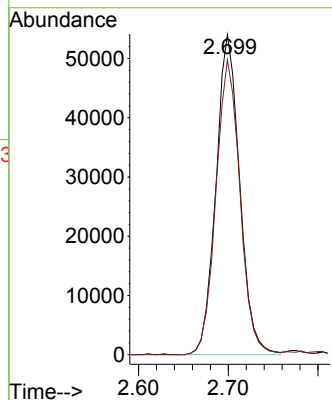
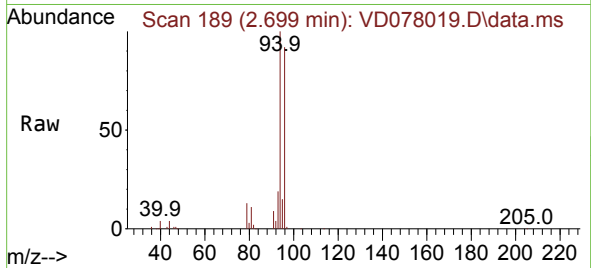




#5
Bromomethane
Concen: 74.884 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

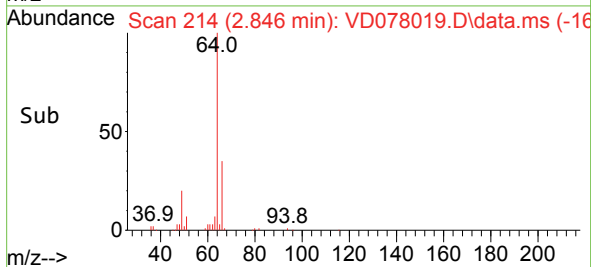
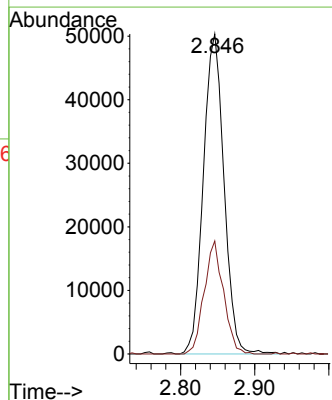
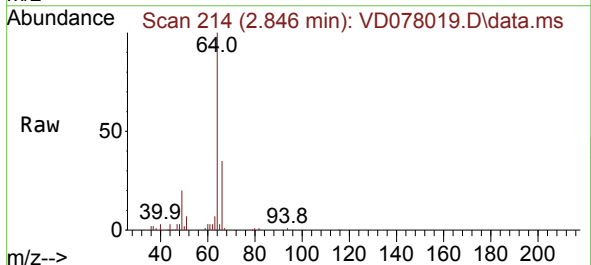
Instrument :
MSVOA_D
ClientSampleId :

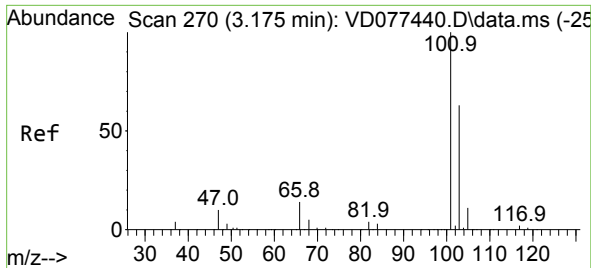
Tgt Ion: 94 Resp: 99271
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.8



#6
Chloroethane
Concen: 60.518 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 64 Resp: 97475
Ion Ratio Lower Upper
64 100
66 35.3 25.5 38.3

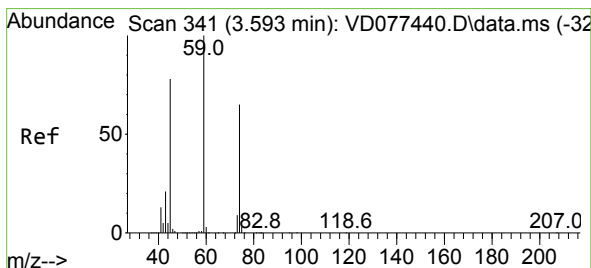
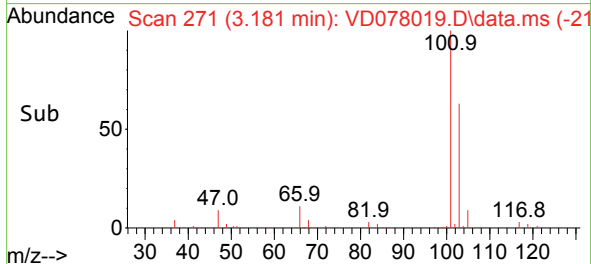
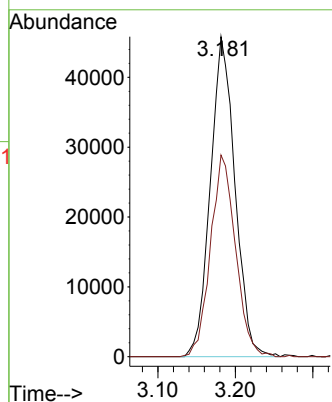
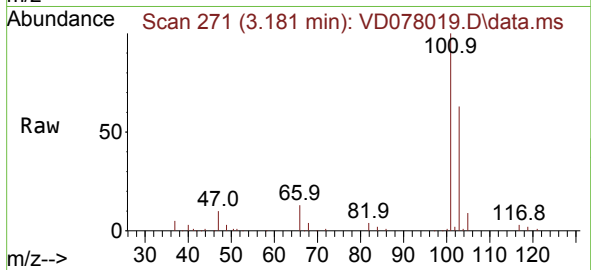




#7
Trichlorofluoromethane
Concen: 46.501 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

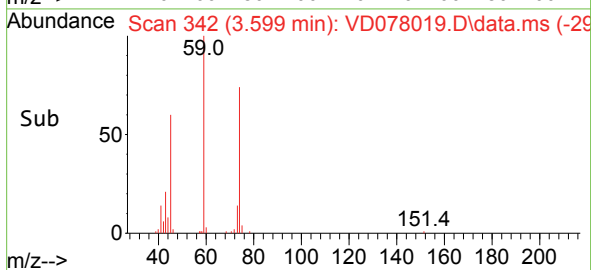
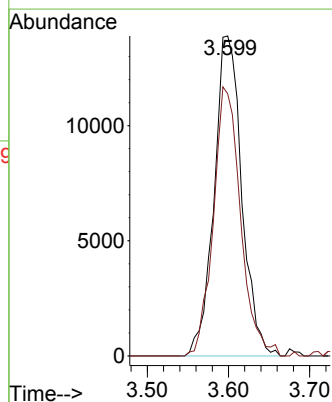
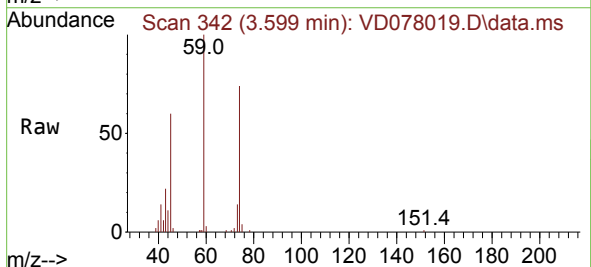
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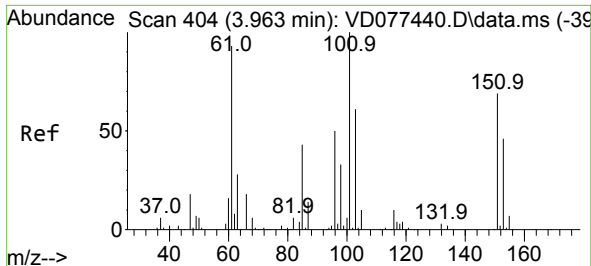
Tgt Ion:101 Resp: 101180
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5



#8
Diethyl Ether
Concen: 53.871 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 74 Resp: 32914
Ion Ratio Lower Upper
74 100
45 82.8 37.5 112.7

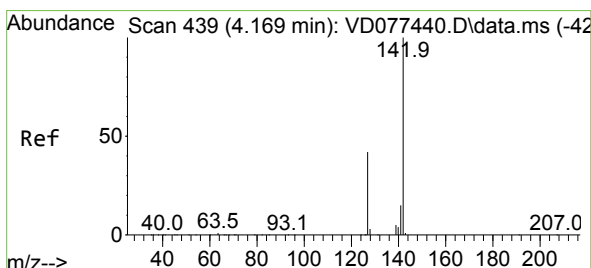
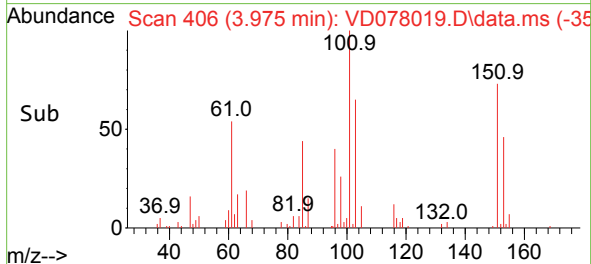
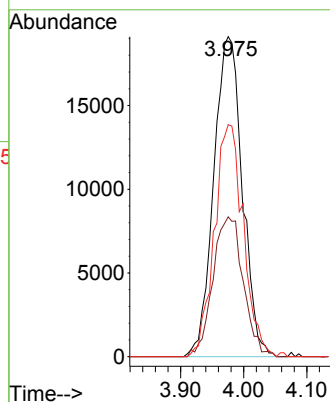
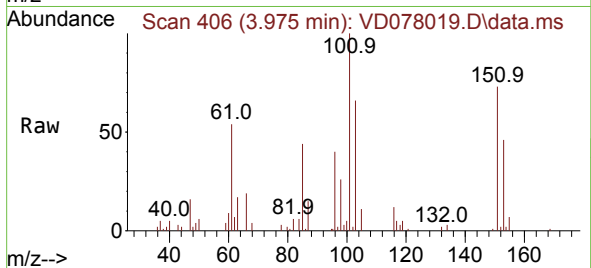




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.381 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD078019.D
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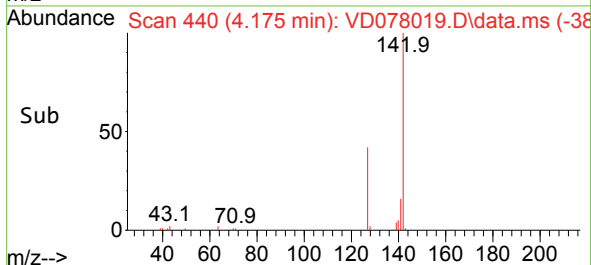
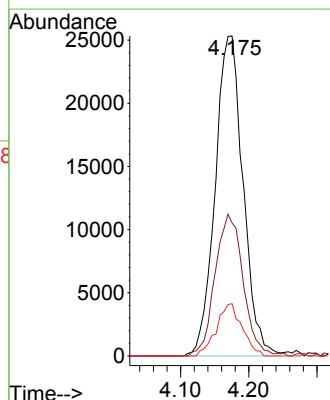
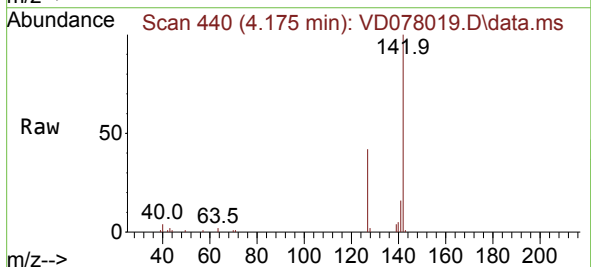
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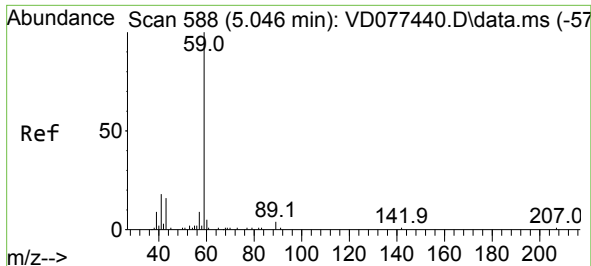
Tgt Ion:101 Resp: 60223
Ion Ratio Lower Upper
101 100
85 46.3 33.8 50.6
151 73.1 59.8 89.6



#10
Methyl Iodide
Concen: 63.908 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

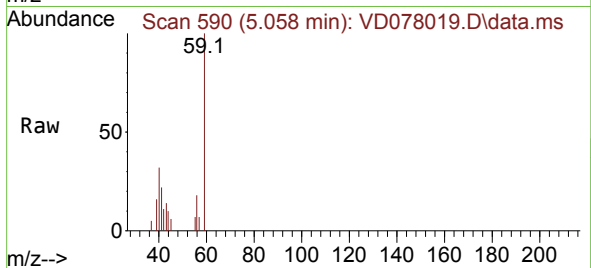
Tgt Ion:142 Resp: 72086
Ion Ratio Lower Upper
142 100
127 44.7 29.4 44.0#
141 15.1 11.1 16.7



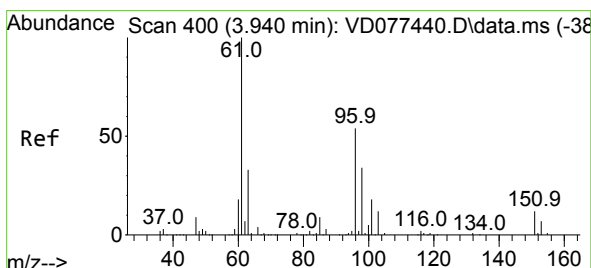
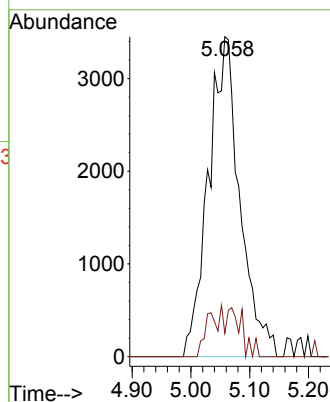
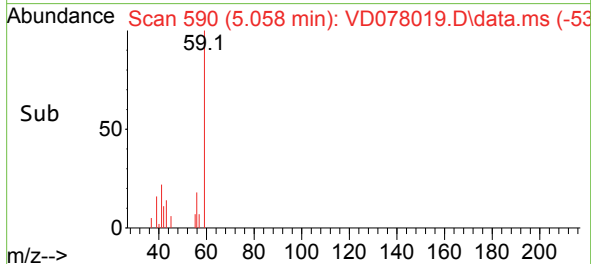


#11
Tert butyl alcohol
Concen: 220.438 ug/l
RT: 5.058 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

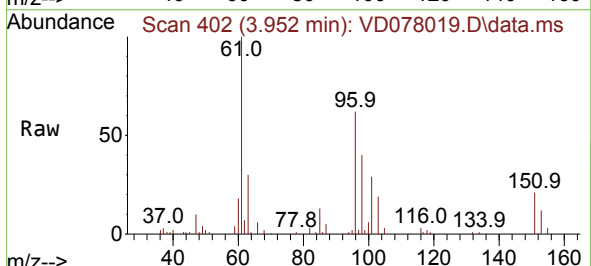
Instrument :
MSVOA_D
ClientSampleId :



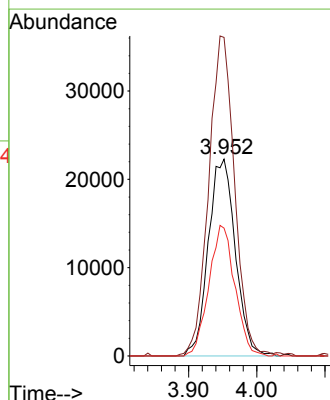
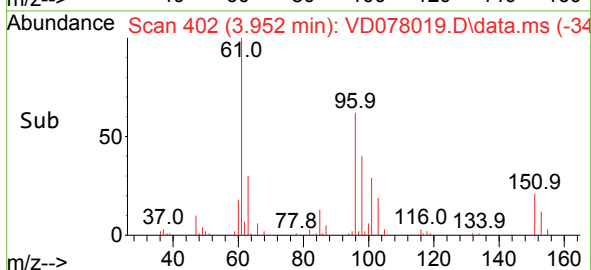
Tgt Ion: 59 Resp: 12862
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.8#

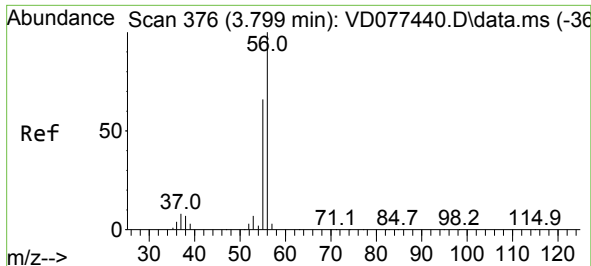


#12
1,1-Dichloroethene
Concen: 50.089 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



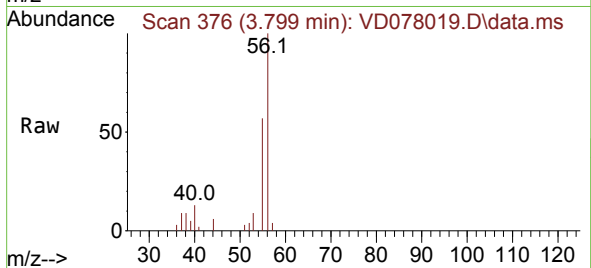
Tgt Ion: 96 Resp: 61537
Ion Ratio Lower Upper
96 100
61 161.1 100.6 150.8#
98 65.0 50.2 75.2



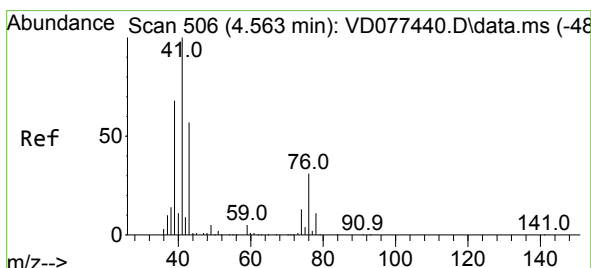
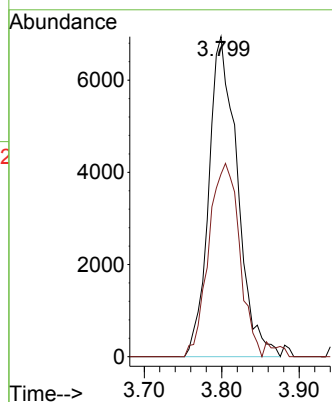
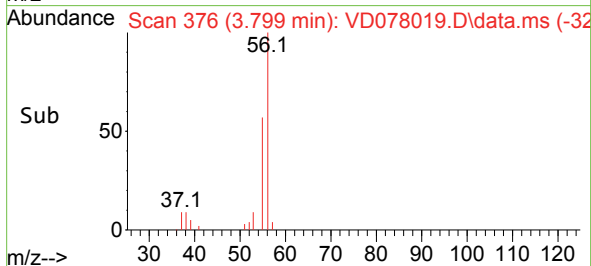


#13
Acrolein
Concen: 139.712 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :

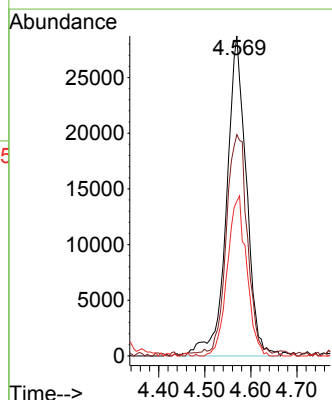
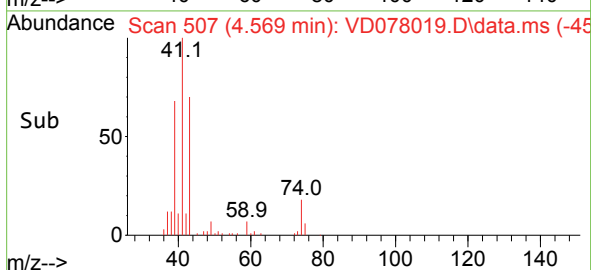
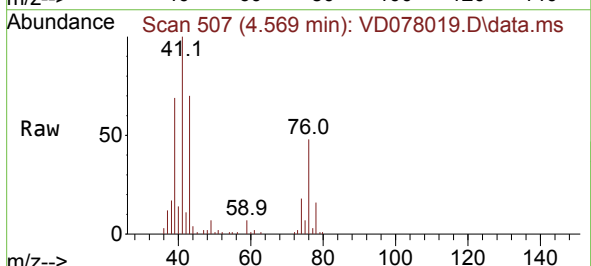


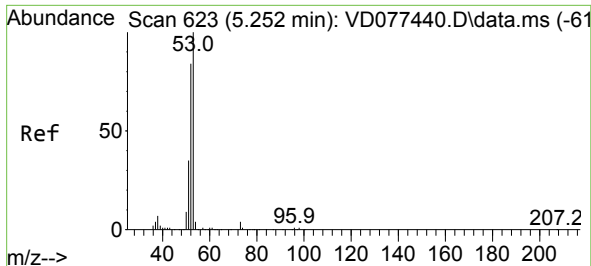
Tgt Ion: 56 Resp: 17799
Ion Ratio Lower Upper
56 100
55 64.9 55.1 82.7



#14
Allyl chloride
Concen: 50.714 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 41 Resp: 85690
Ion Ratio Lower Upper
41 100
39 75.0 53.8 80.6
76 48.9 45.8 68.8

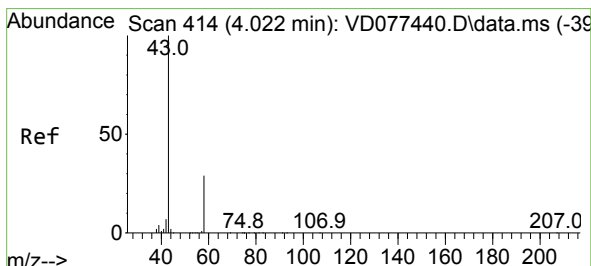
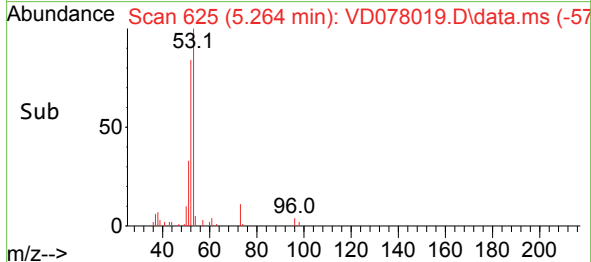
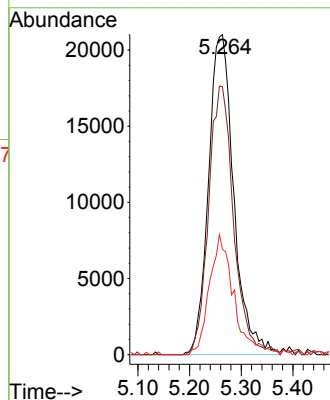
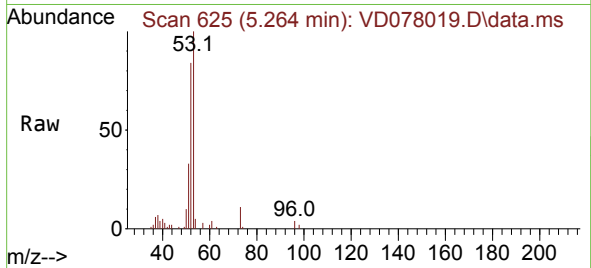




#15
Acrylonitrile
Concen: 272.933 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

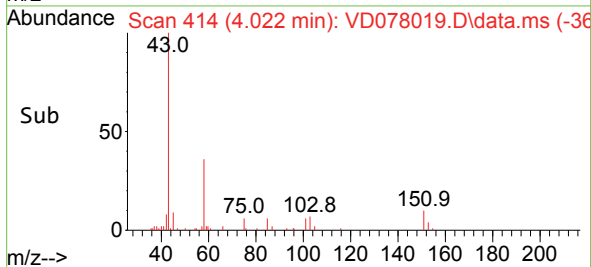
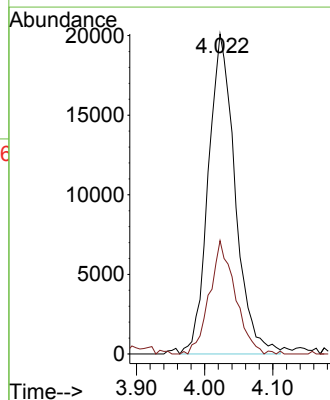
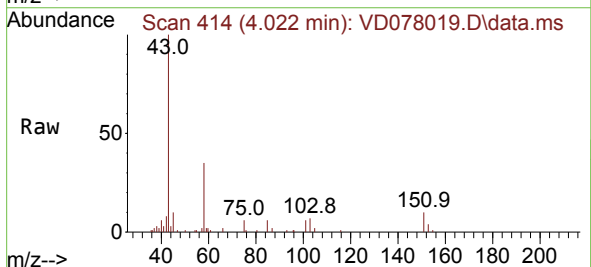
Instrument :
MSVOA_D
ClientSampleId :

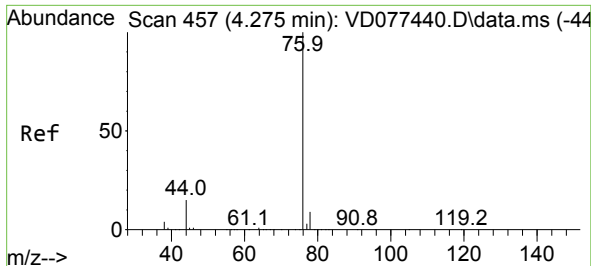
Tgt Ion: 53 Resp: 71398
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.4
51 36.2 28.3 42.5



#16
Acetone
Concen: 205.825 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 43 Resp: 55024
Ion Ratio Lower Upper
43 100
58 35.9 34.7 52.1

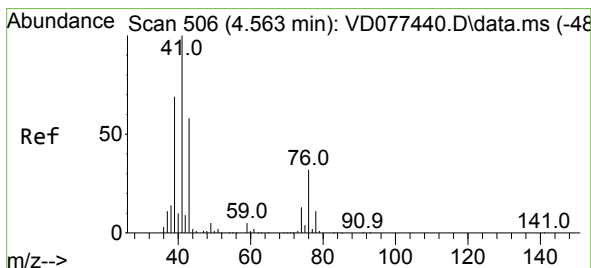
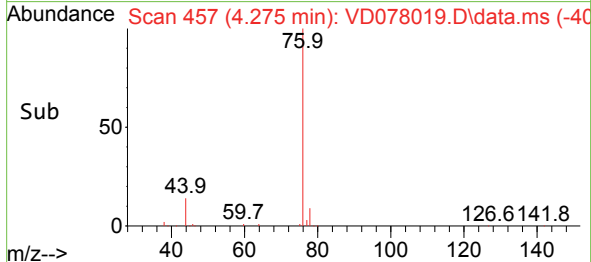
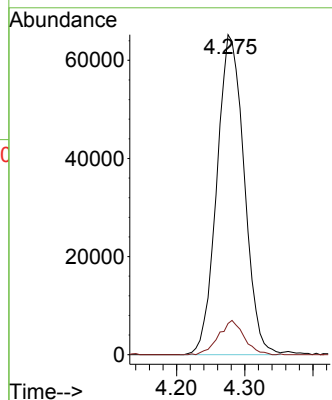
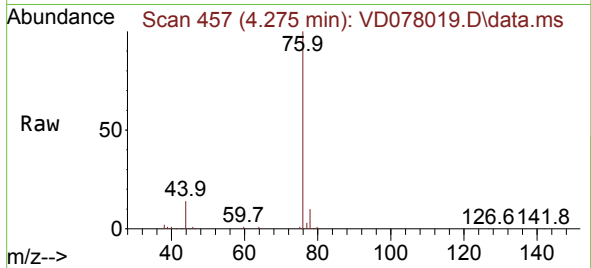




#17
Carbon Disulfide
Concen: 43.817 ug/l
RT: 4.275 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

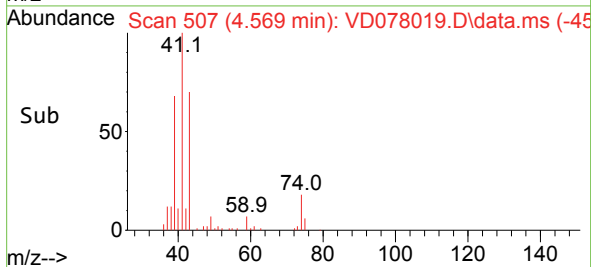
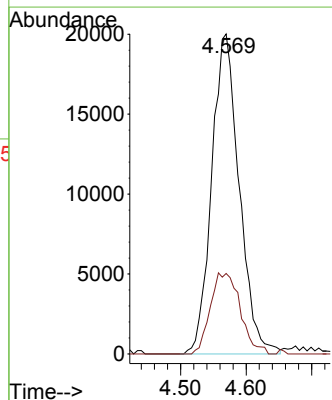
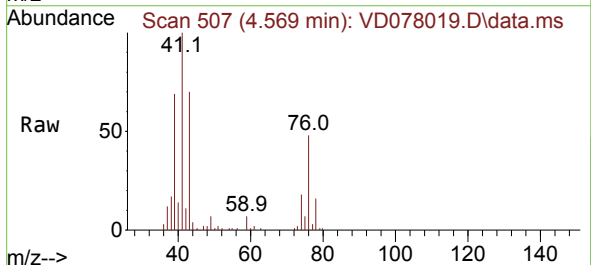
Instrument :
MSVOA_D
ClientSampleId :

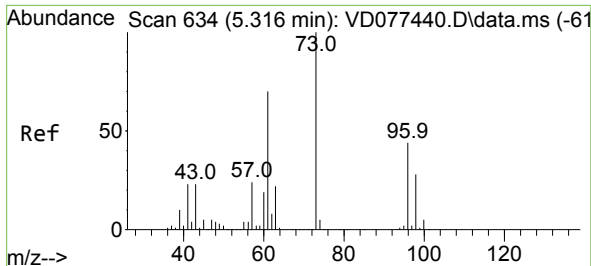
Tgt Ion: 76 Resp: 182121
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 61.487 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 43 Resp: 58320
Ion Ratio Lower Upper
43 100
74 27.6 26.4 39.6

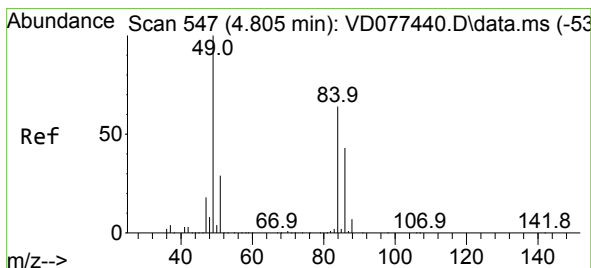
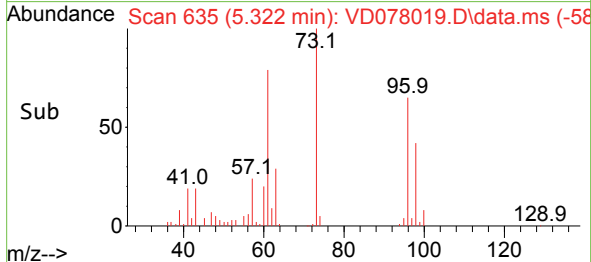
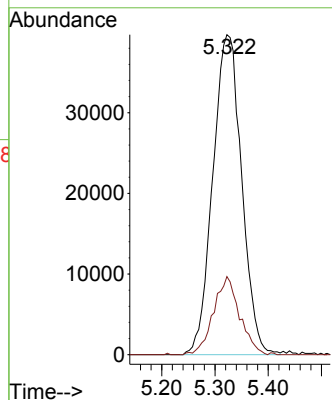
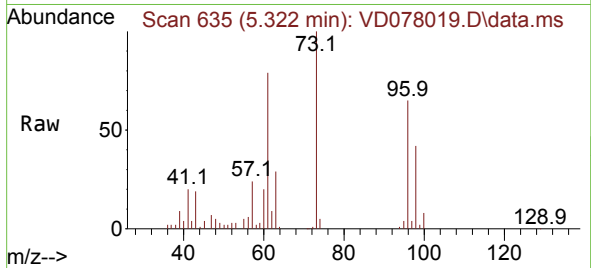




#19
Methyl tert-butyl Ether
Concen: 57.252 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

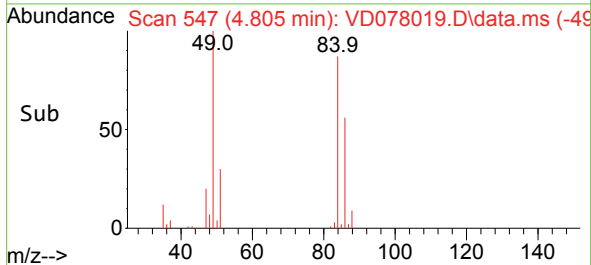
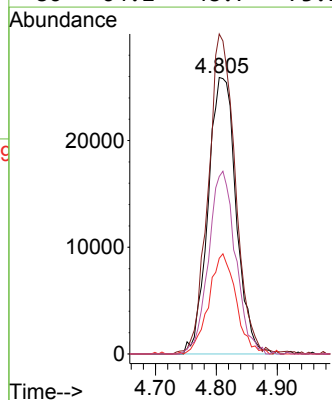
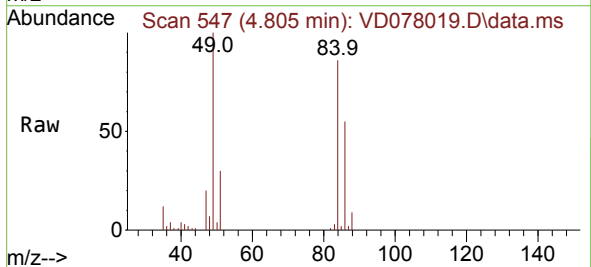
Instrument :
MSVOA_D
ClientSampleId :

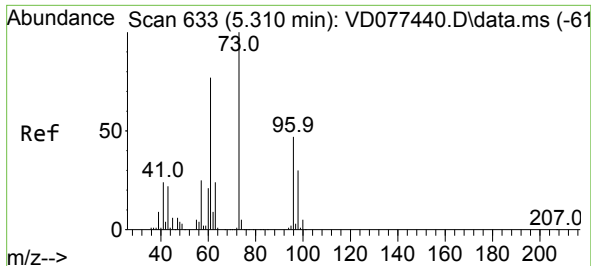
Tgt Ion: 73 Resp: 149231
Ion Ratio Lower Upper
73 100
57 24.4 16.6 25.0



#20
Methylene Chloride
Concen: 58.965 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

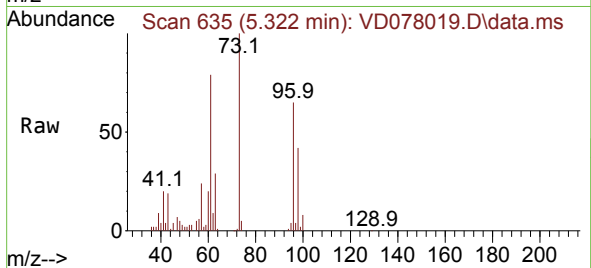
Tgt Ion: 84 Resp: 82862
Ion Ratio Lower Upper
84 100
49 115.0 71.4 107.2#
51 34.6 24.5 36.7
86 64.2 48.7 73.1



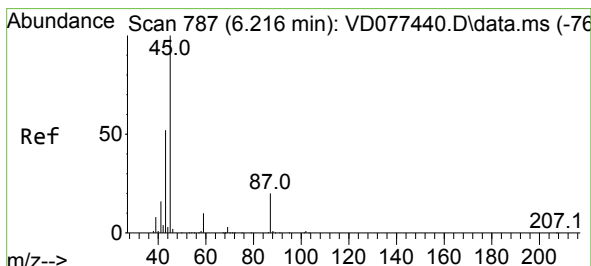
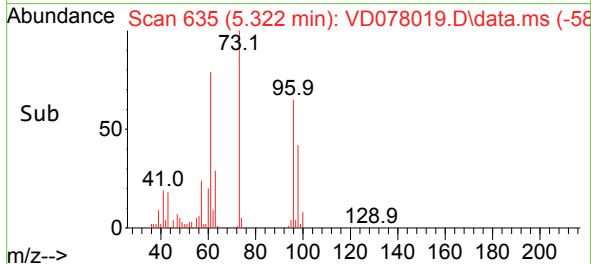
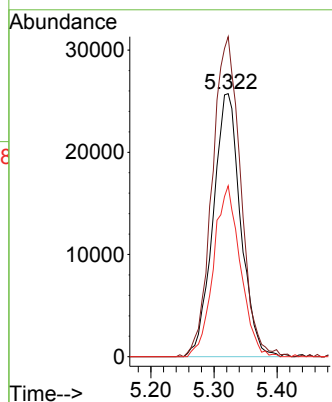


#21
trans-1,2-Dichloroethene
Concen: 56.092 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :

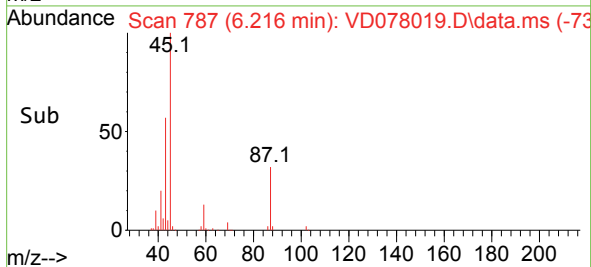
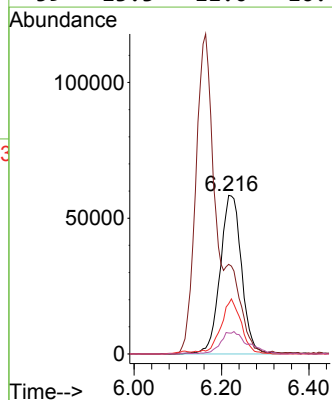
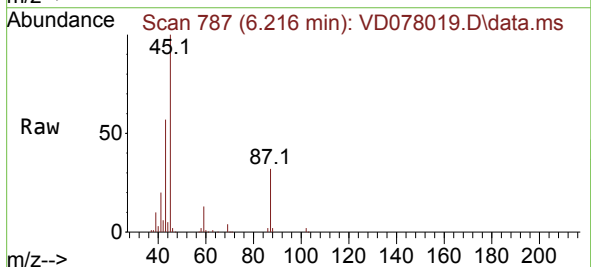


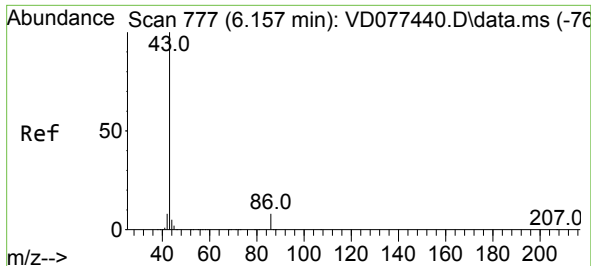
Tgt Ion: 96 Resp: 78054
Ion Ratio Lower Upper
96 100
61 121.0 89.3 133.9
98 65.0 48.6 73.0



#22
Diisopropyl ether
Concen: 56.128 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 45 Resp: 198186
Ion Ratio Lower Upper
45 100
43 55.9 40.0 60.0
87 31.8 28.2 42.4
59 13.3 11.0 16.4

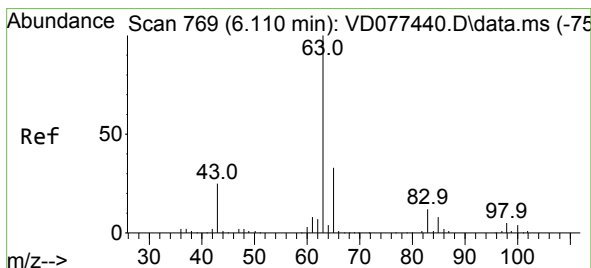
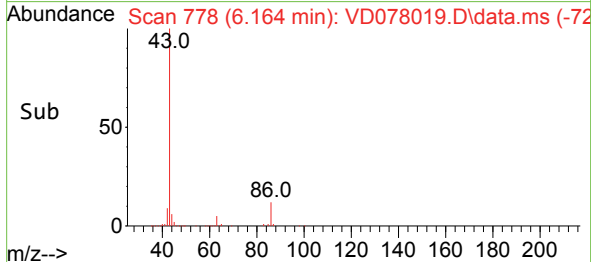
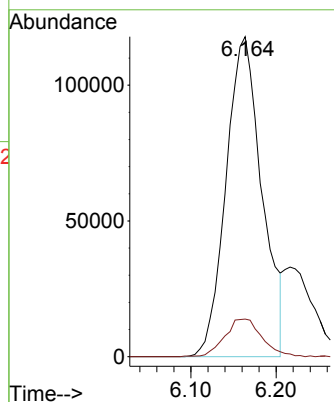
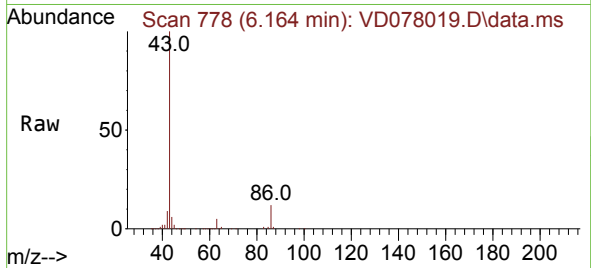




#23
 Vinyl Acetate
 Concen: 200.205 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01

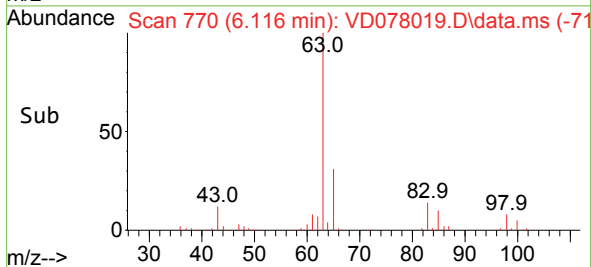
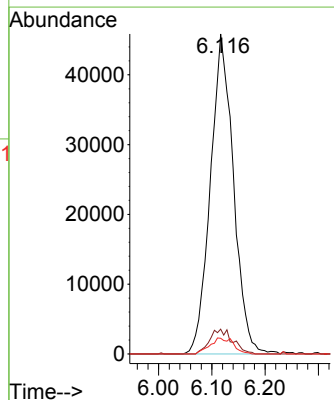
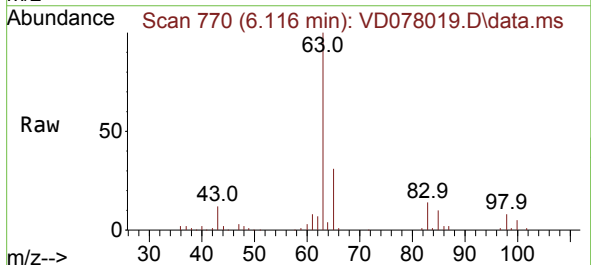
Instrument :
 MSVOA_D
 ClientSampleId :

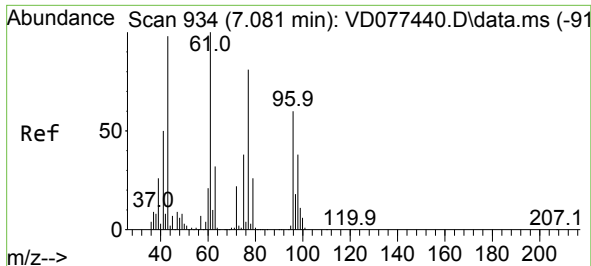
Tgt Ion: 43 Resp: 345215
 Ion Ratio Lower Upper
 43 100
 86 11.5 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 57.685 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01

Tgt Ion: 63 Resp: 137936
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 237.267 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

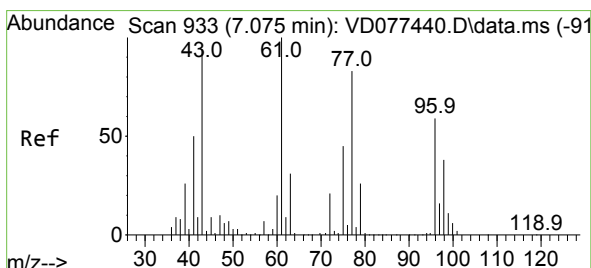
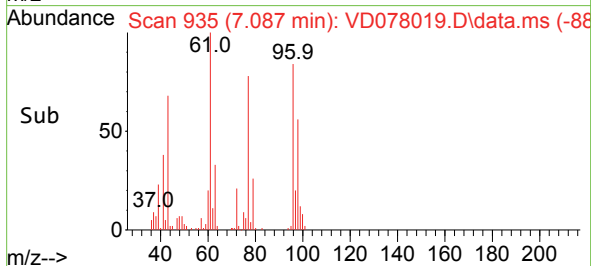
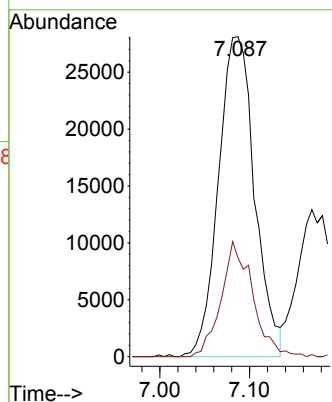
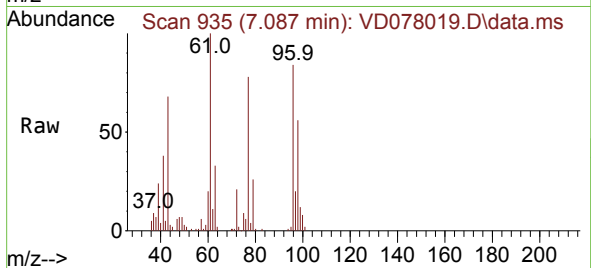
ClientSampleId :

Tgt Ion: 43 Resp: 78802

Ion Ratio Lower Upper

43 100

72 30.9 30.7 46.1



#26

2,2-Dichloropropane

Concen: 51.028 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD078019.D

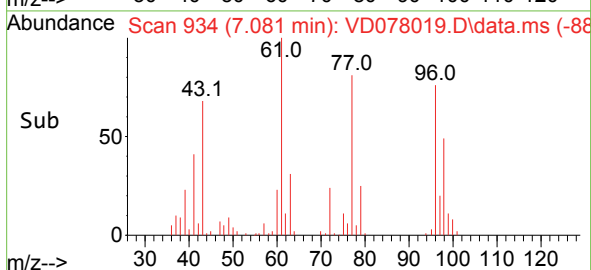
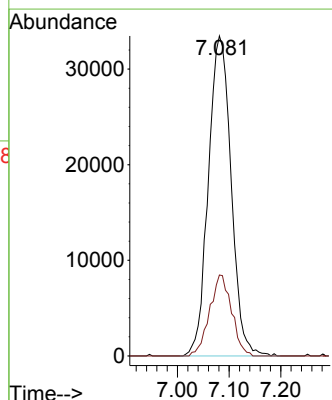
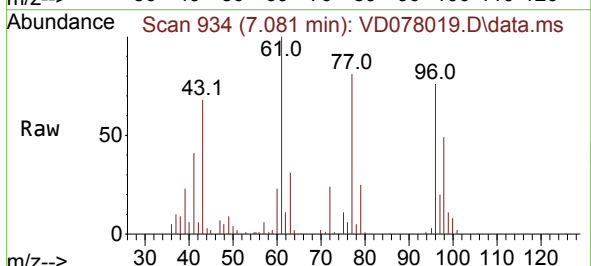
Acq: 21 Dec 2023 04:01

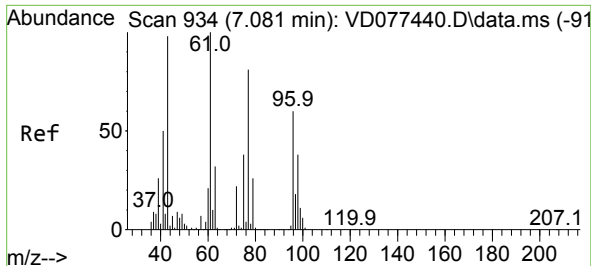
Tgt Ion: 77 Resp: 102446

Ion Ratio Lower Upper

77 100

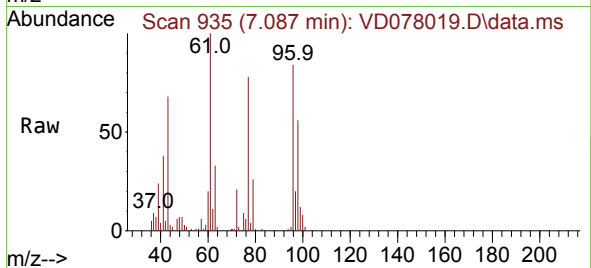
97 24.4 13.2 39.6





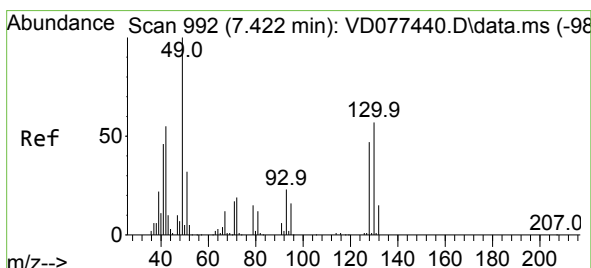
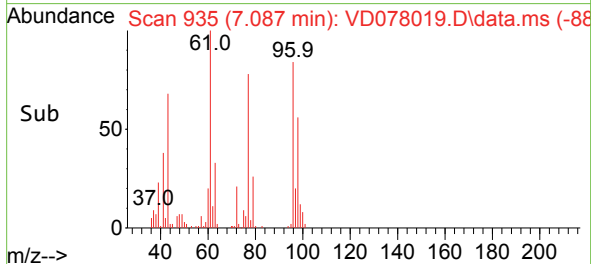
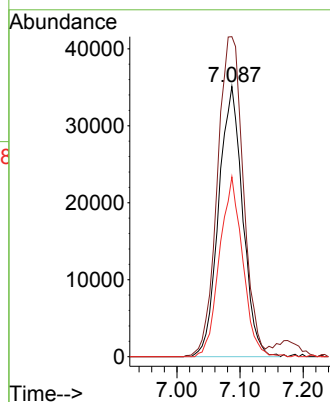
#27
 cis-1,2-Dichloroethene
 Concen: 61.938 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 92741

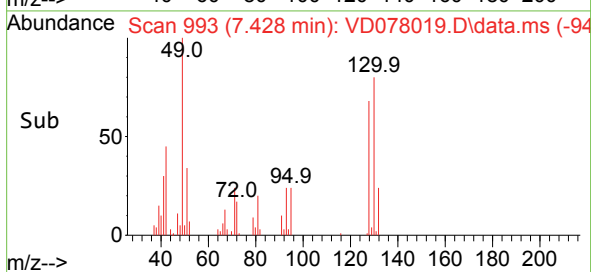
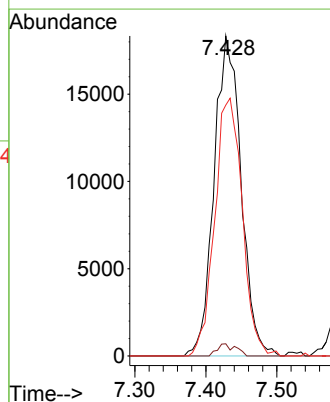
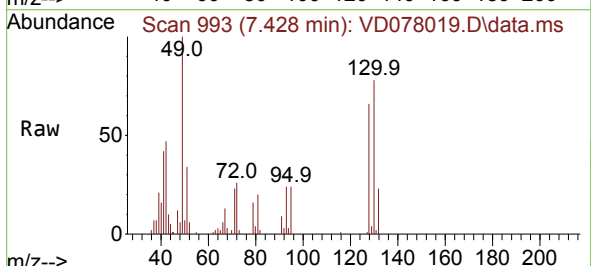
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	239.2
98	64.0	0.0	128.6

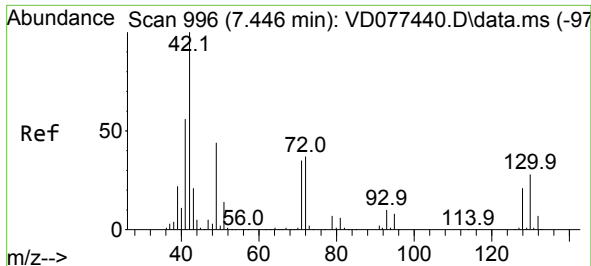


#28
 Bromochloromethane
 Concen: 50.178 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD078019.D
 Acq: 21 Dec 2023 04:01

Tgt Ion: 49 Resp: 48483

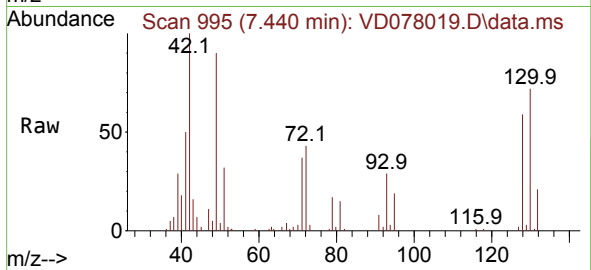
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	82.1	83.2	124.8#



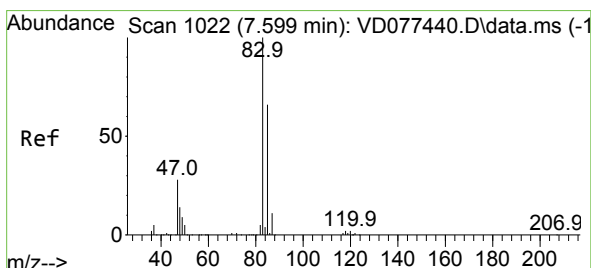
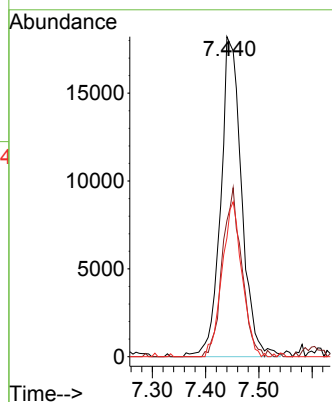
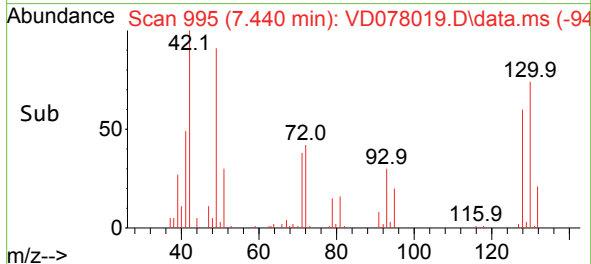


#29
Tetrahydrofuran
Concen: 259.613 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :

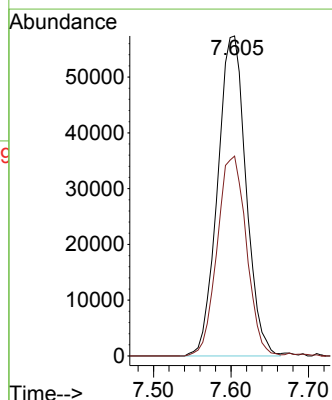
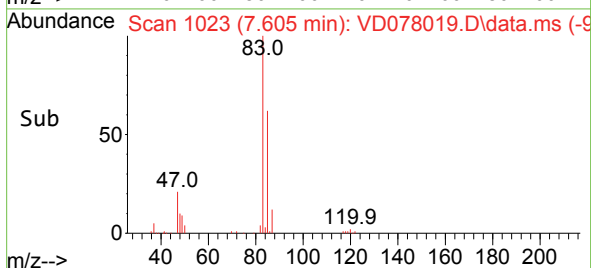
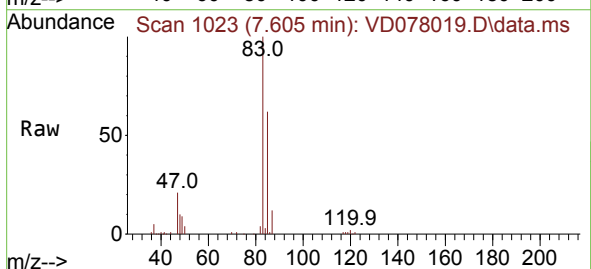


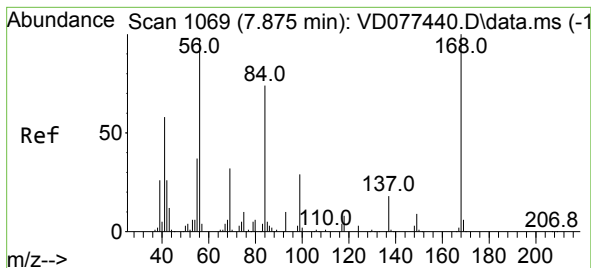
Tgt Ion: 42 Resp: 49789
Ion Ratio Lower Upper
42 100
72 48.7 46.5 69.7
71 45.9 44.5 66.7



#30
Chloroform
Concen: 61.196 ug/l
RT: 7.605 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

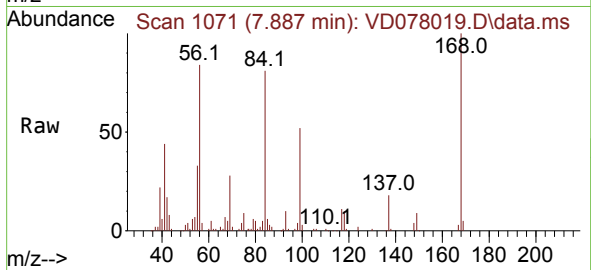
Tgt Ion: 83 Resp: 146451
Ion Ratio Lower Upper
83 100
85 62.4 53.4 80.2



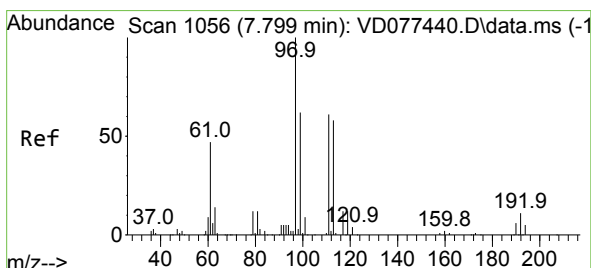
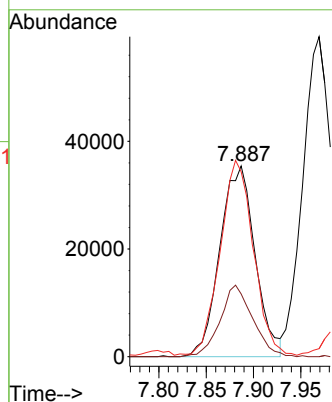
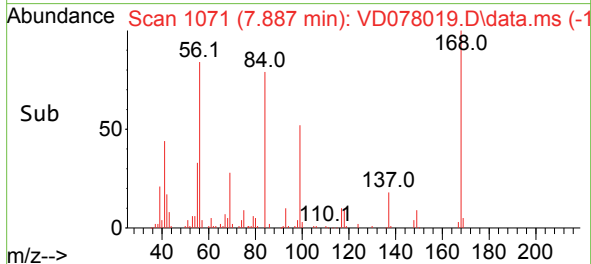


#31
Cyclohexane
Concen: 42.796 ug/l
RT: 7.887 min Scan# 1071
Delta R.T. 0.012 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :

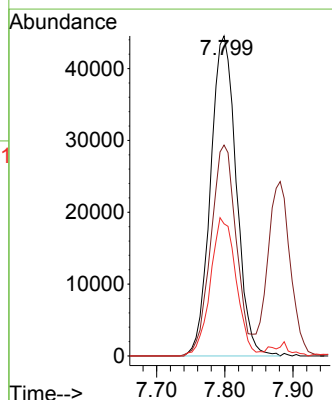
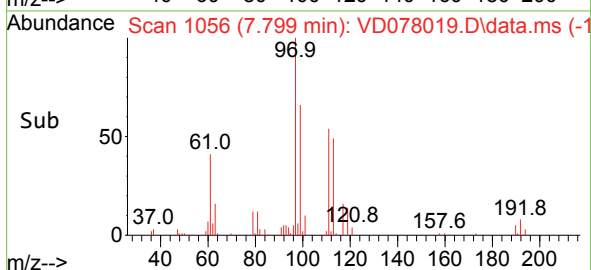
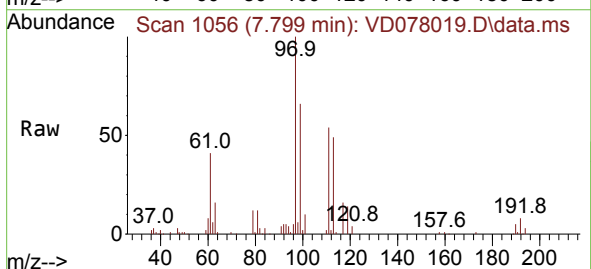


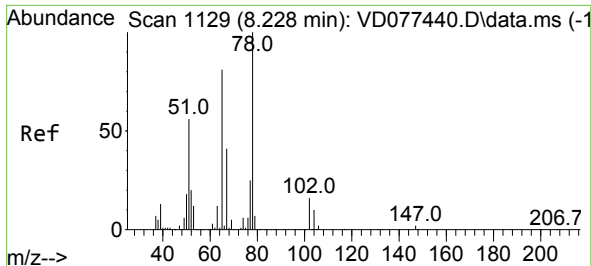
Tgt Ion: 56 Resp: 91675
Ion Ratio Lower Upper
56 100
69 32.9 28.6 43.0
84 95.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 55.412 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 97 Resp: 116902
Ion Ratio Lower Upper
97 100
99 65.5 52.0 78.0
61 43.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.005 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

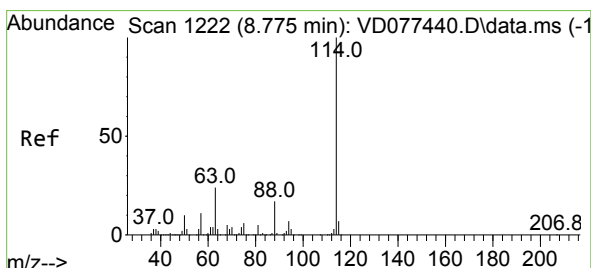
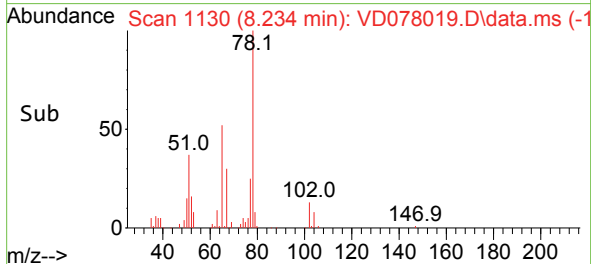
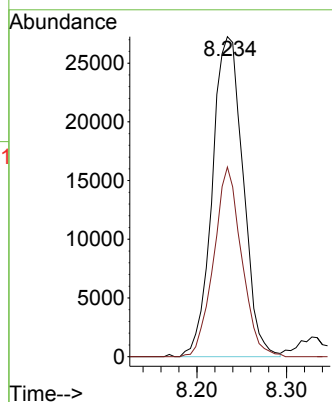
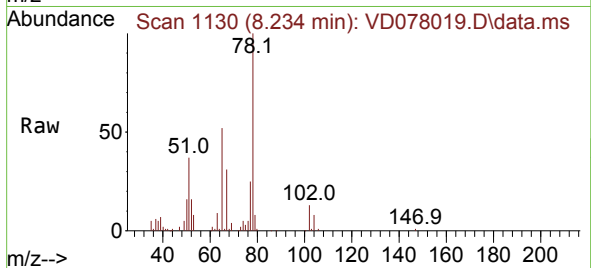
ClientSampleId :

Tgt Ion: 65 Resp: 65041

Ion Ratio Lower Upper

65 100

67 53.6 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: VD078019.D

Acq: 21 Dec 2023 04:01

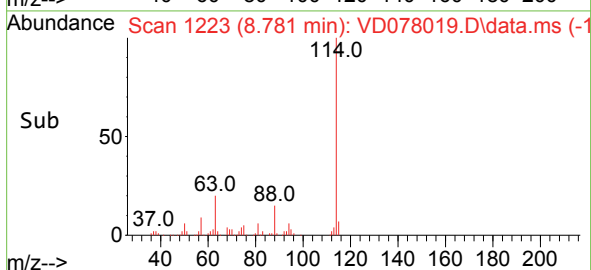
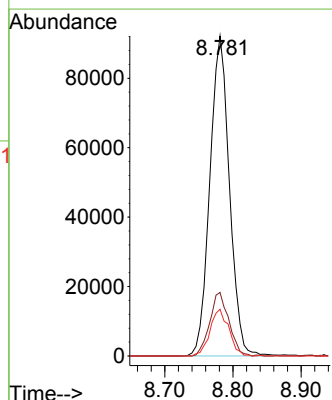
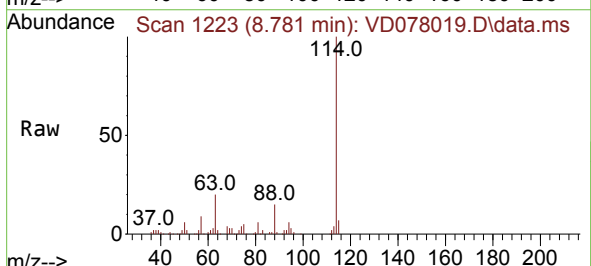
Tgt Ion: 114 Resp: 184440

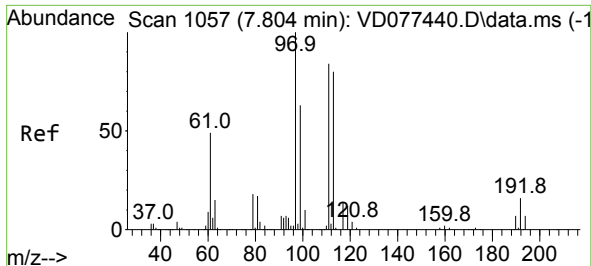
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.903 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

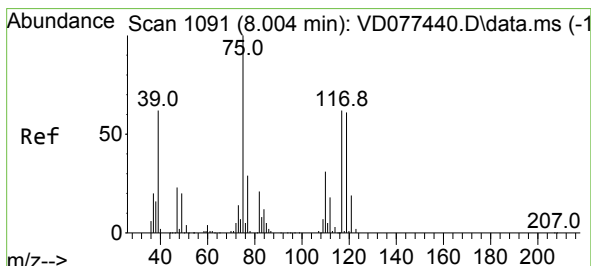
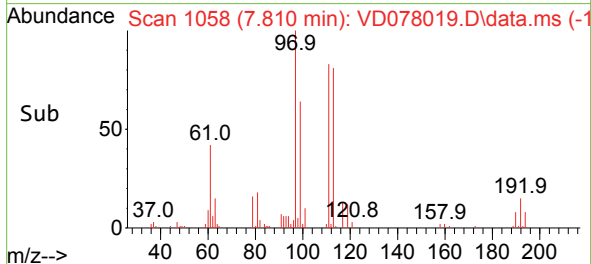
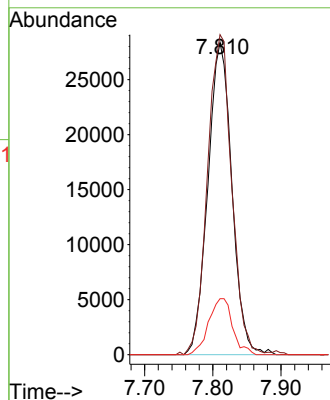
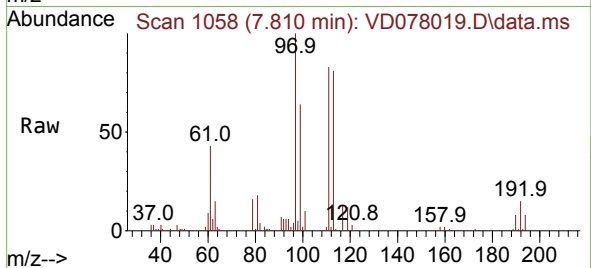
Tgt Ion:113 Resp: 69639

Ion Ratio Lower Upper

113 100

111 103.3 84.7 127.1

192 17.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.849 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

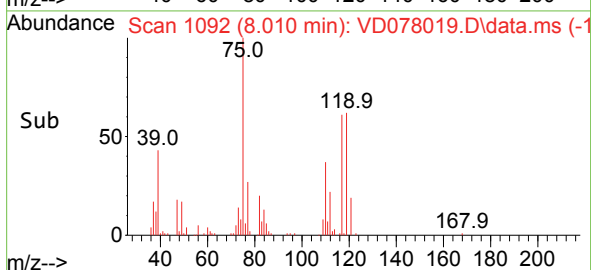
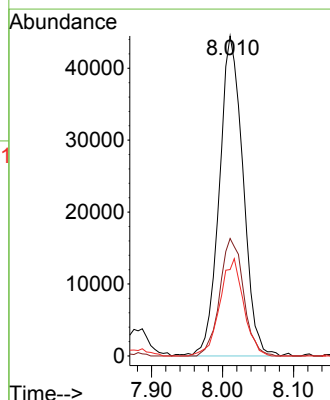
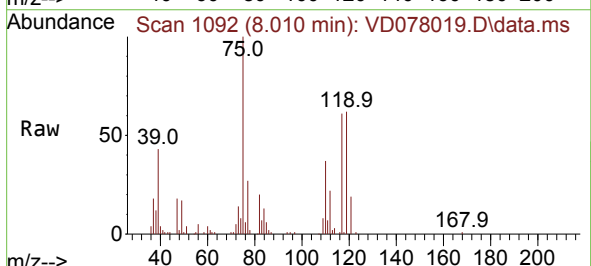
Tgt Ion: 75 Resp: 103014

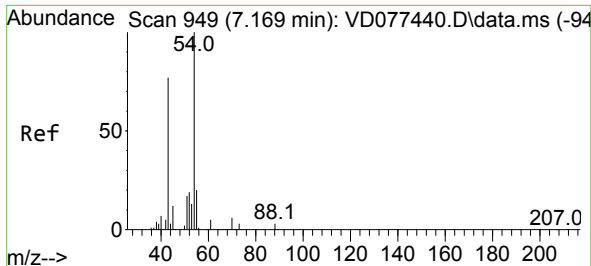
Ion Ratio Lower Upper

75 100

110 36.8 19.9 59.6

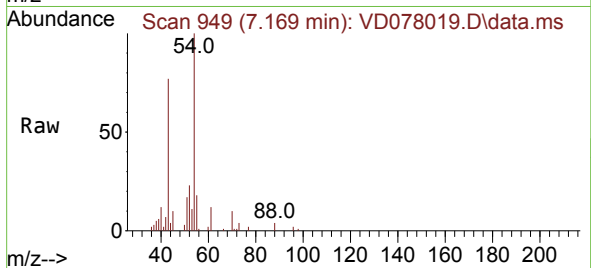
77 30.5 24.7 37.1



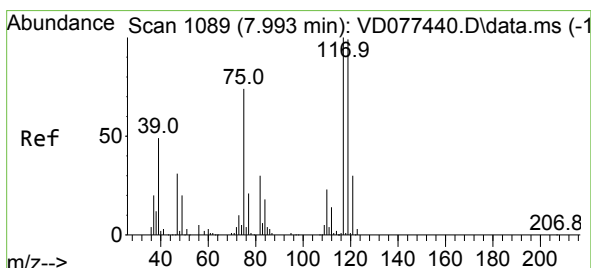
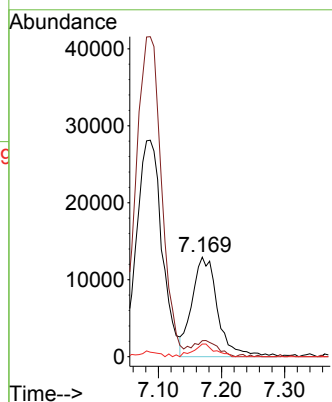
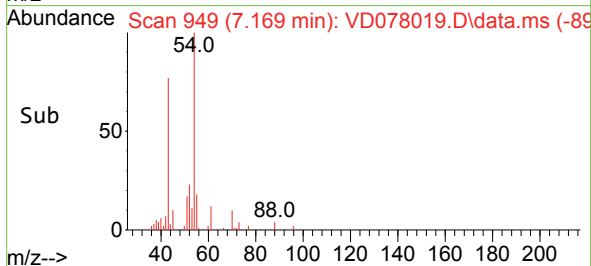


#37
Ethyl Acetate
Concen: 45.352 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

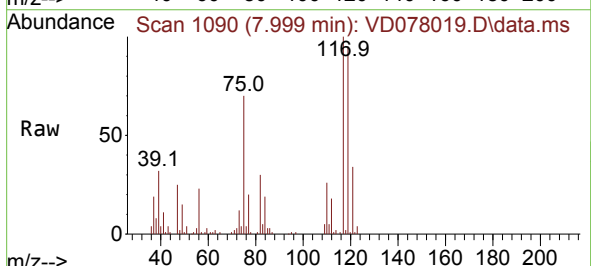
Instrument :
MSVOA_D
ClientSampleId :



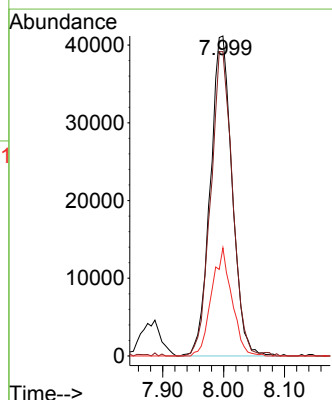
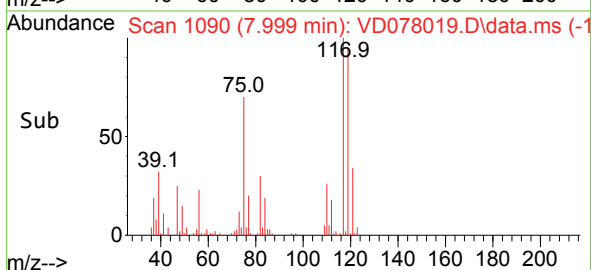
Tgt Ion: 43 Resp: 36544
Ion Ratio Lower Upper
43 100
61 13.8 14.9 22.3#
70 10.8 10.0 15.0

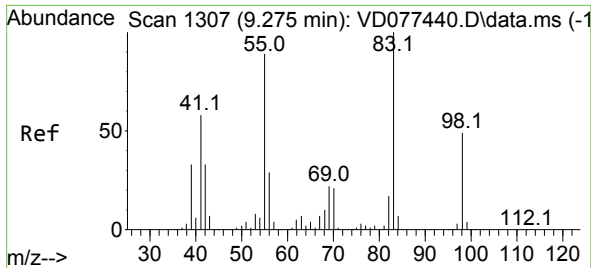


#38
Carbon Tetrachloride
Concen: 49.857 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01



Tgt Ion: 117 Resp: 102714
Ion Ratio Lower Upper
117 100
119 95.1 78.0 117.0
121 33.8 24.2 36.2

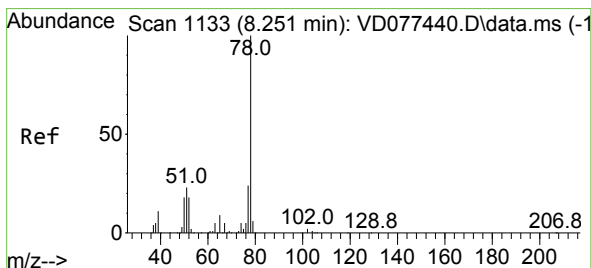
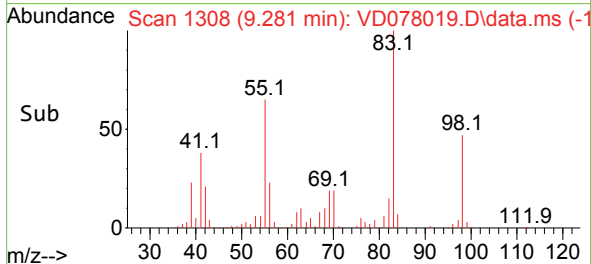
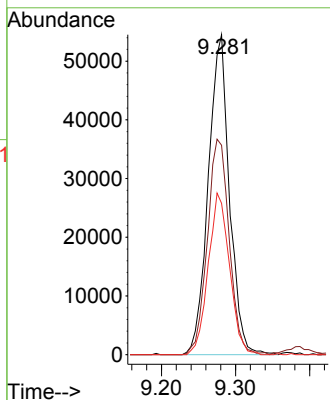
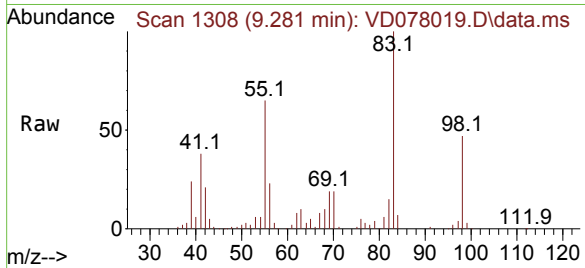




#39
Methylcyclohexane
Concen: 44.057 ug/l
RT: 9.281 min Scan# 1138
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

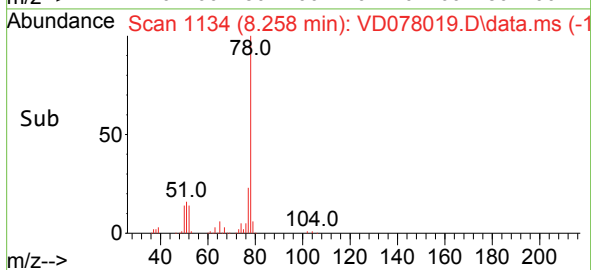
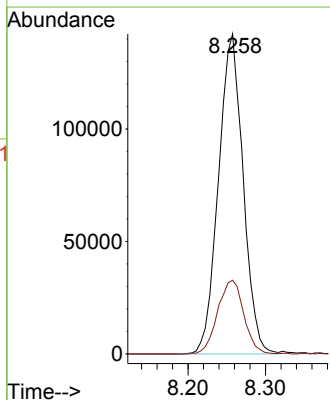
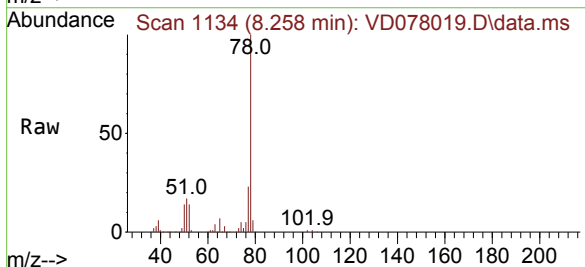
Instrument :
MSVOA_D
ClientSampleId :

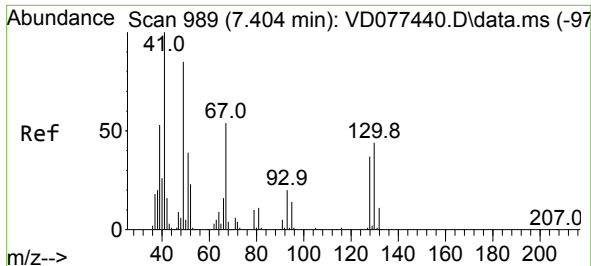
Tgt Ion: 83 Resp: 107934
Ion Ratio Lower Upper
83 100
55 65.5 49.4 74.0
98 47.3 38.4 57.6



#40
Benzene
Concen: 53.647 ug/l
RT: 8.258 min Scan# 1134
Delta R.T. 0.007 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

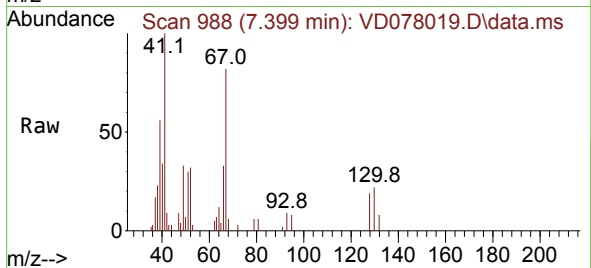
Tgt Ion: 78 Resp: 314652
Ion Ratio Lower Upper
78 100
77 23.1 19.4 29.0



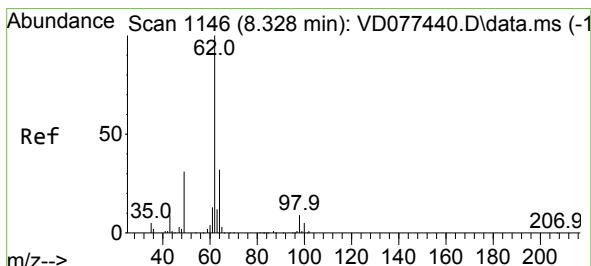
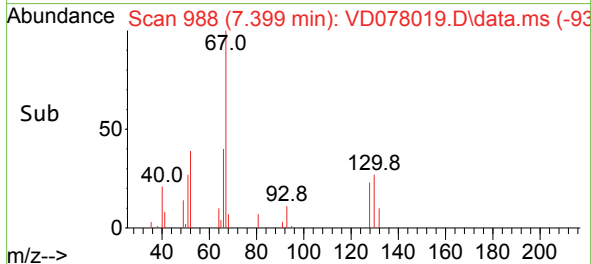
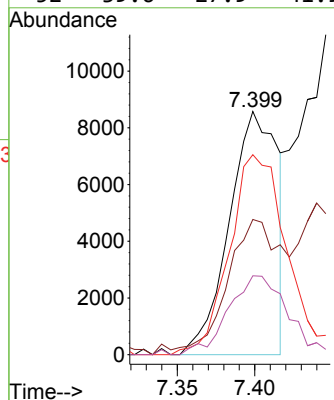


#41
Methacrylonitrile
Concen: 45.777 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :

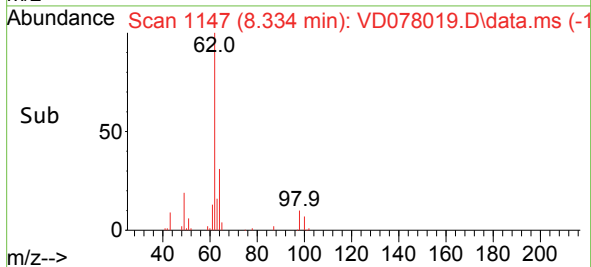
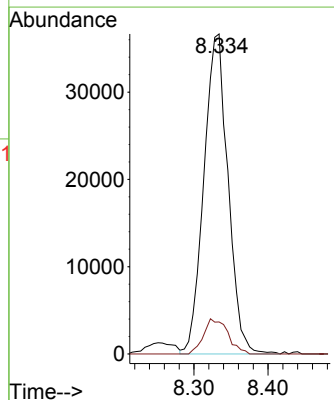
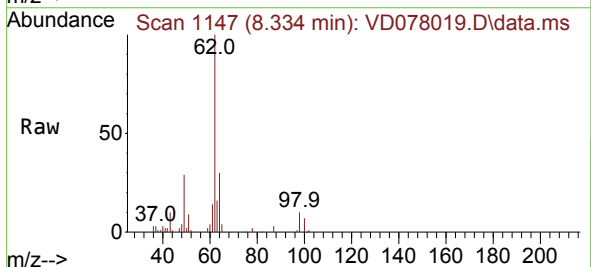


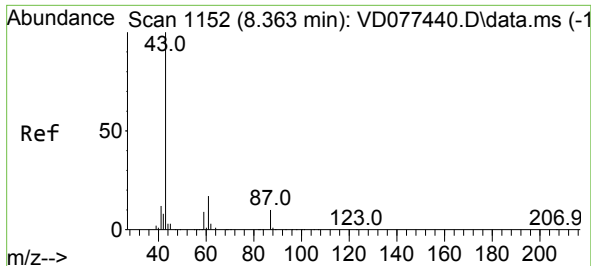
Tgt Ion: 41 Resp: 18748
Ion Ratio Lower Upper
41 100
39 64.2 34.0 51.0#
67 96.6 77.0 115.4
52 39.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 54.672 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

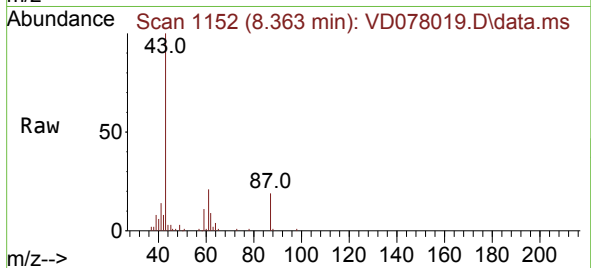
Tgt Ion: 62 Resp: 83121
Ion Ratio Lower Upper
62 100
98 11.0 0.0 25.4



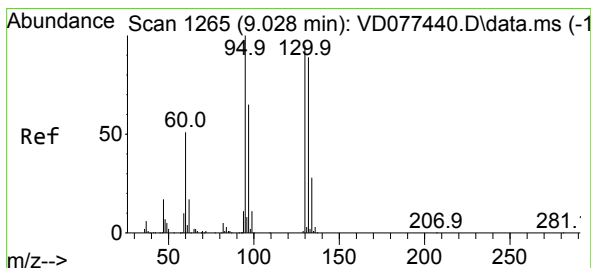
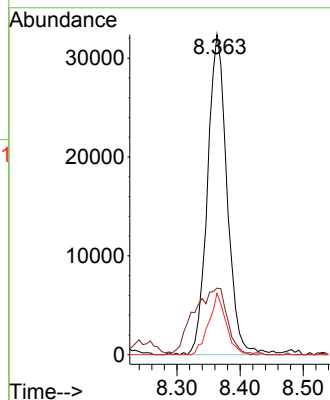
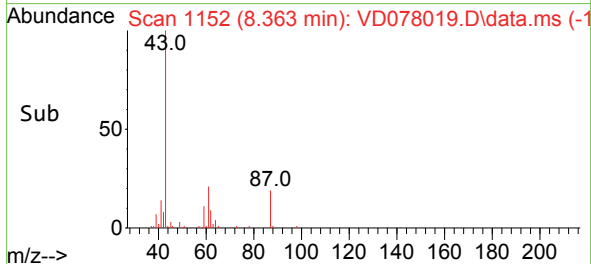


#43
Isopropyl Acetate
Concen: 48.603 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :

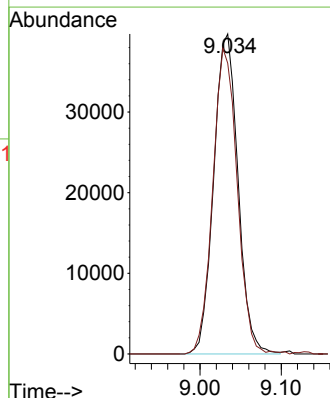
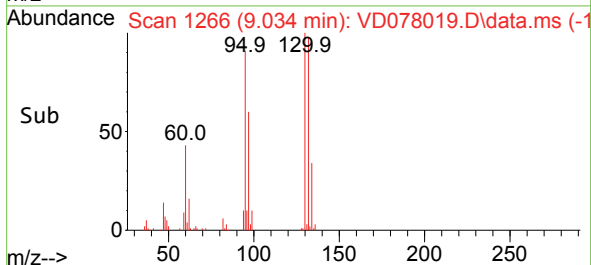
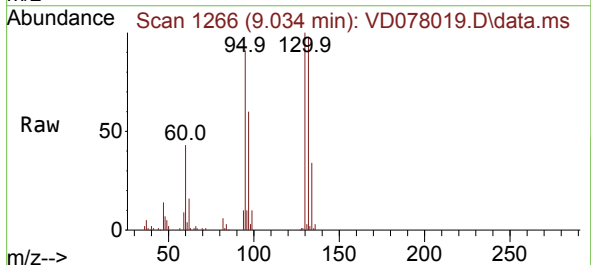


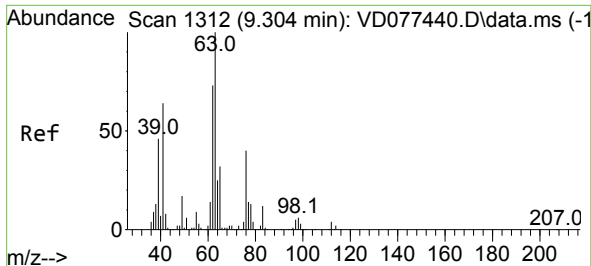
Tgt Ion: 43 Resp: 69618
Ion Ratio Lower Upper
43 100
61 35.4 31.4 47.0
87 17.0 14.9 22.3



#44
Trichloroethene
Concen: 54.021 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion:130 Resp: 82569
Ion Ratio Lower Upper
130 100
95 90.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 56.199 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

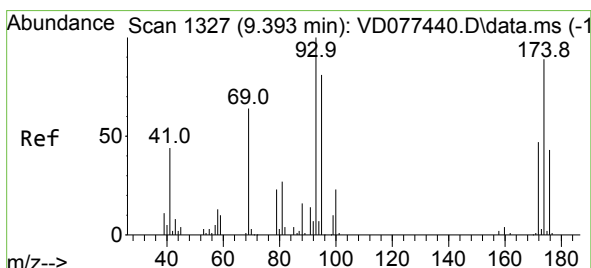
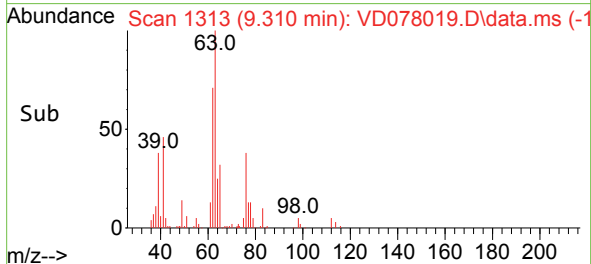
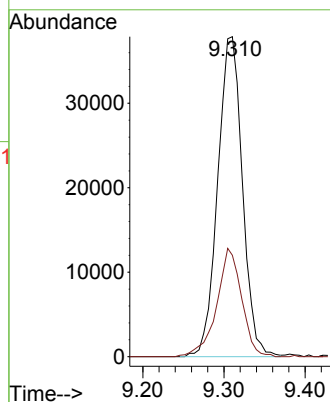
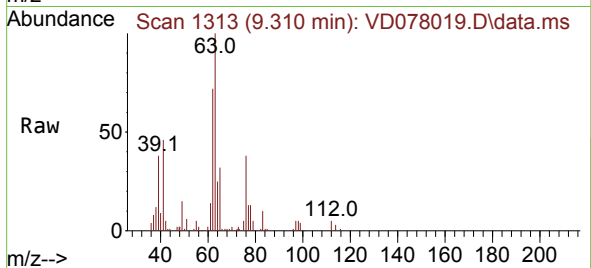
ClientSampleId :

Tgt Ion: 63 Resp: 80130

Ion Ratio Lower Upper

63 100

65 31.7 24.5 36.7



#46

Dibromomethane

Concen: 57.708 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

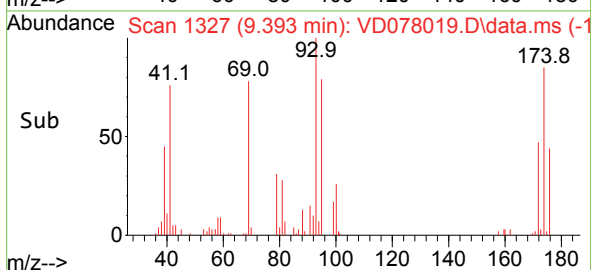
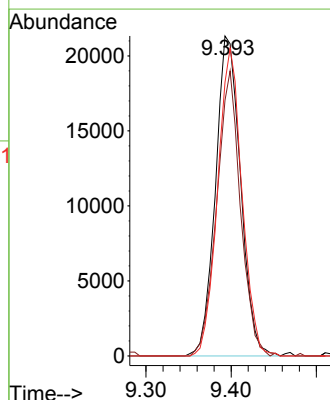
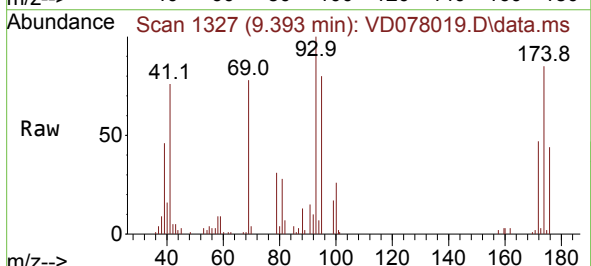
Tgt Ion: 93 Resp: 43536

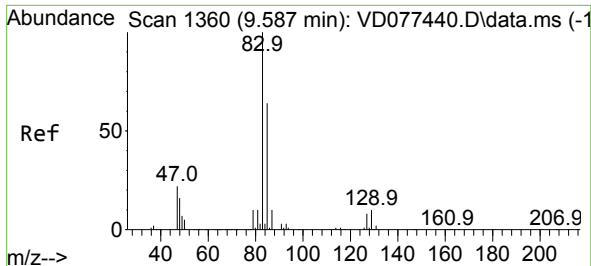
Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

174 93.3 85.4 128.2





#47

Bromodichloromethane

Concen: 58.834 ug/l

RT: 9.587 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

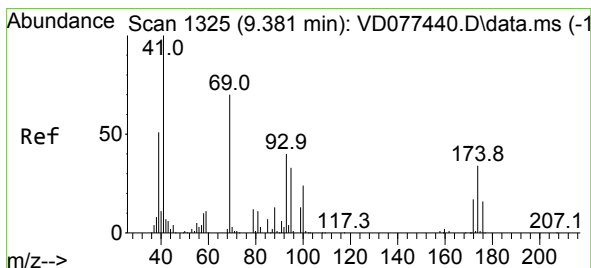
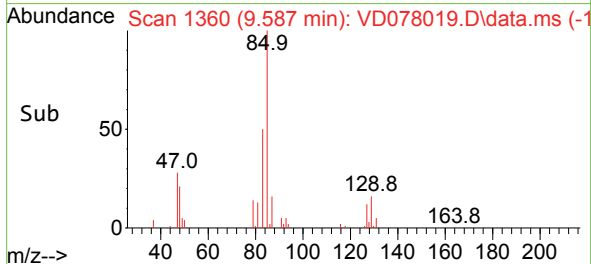
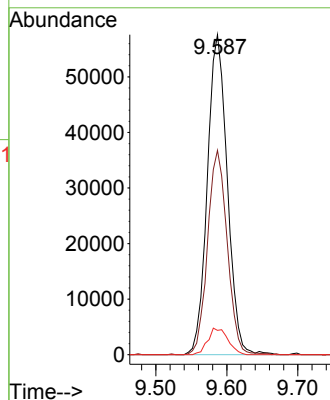
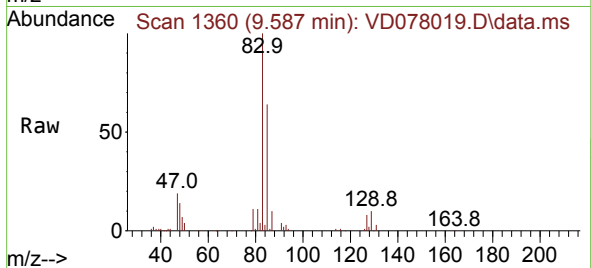
Tgt Ion: 83 Resp: 112503

Ion Ratio Lower Upper

83 100

85 63.9 50.2 75.4

127 7.6 6.3 9.5



#48

Methyl methacrylate

Concen: 50.366 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

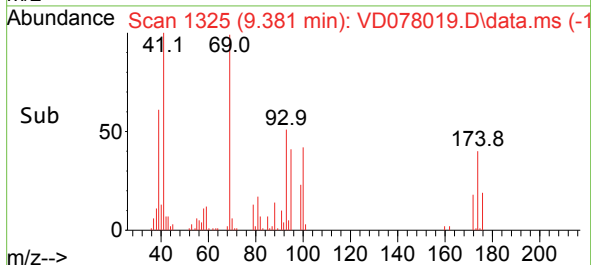
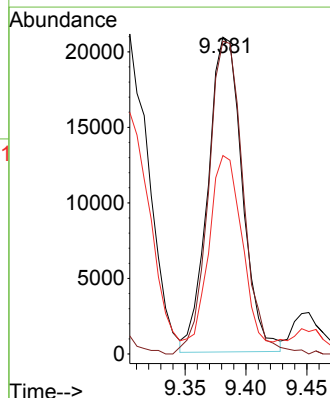
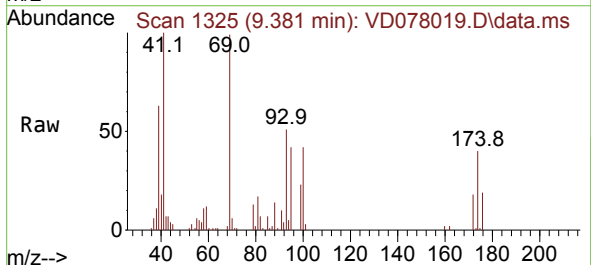
Tgt Ion: 41 Resp: 41010

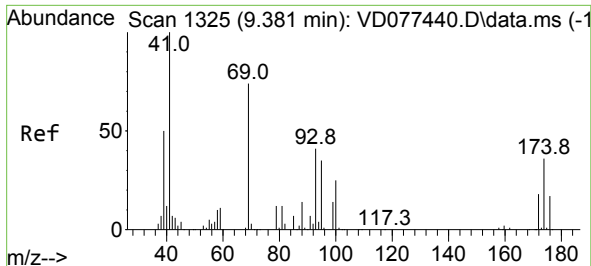
Ion Ratio Lower Upper

41 100

69 100.3 102.2 153.2#

39 63.0 41.4 62.2#





#49

1,4-Dioxane

Concen: 1001.045 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

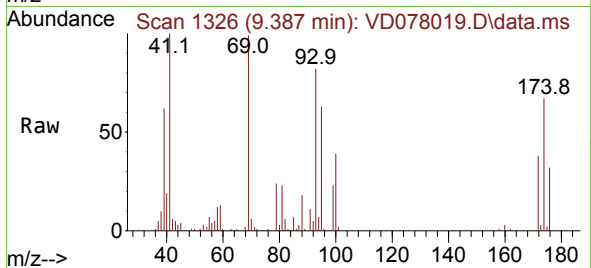
Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :



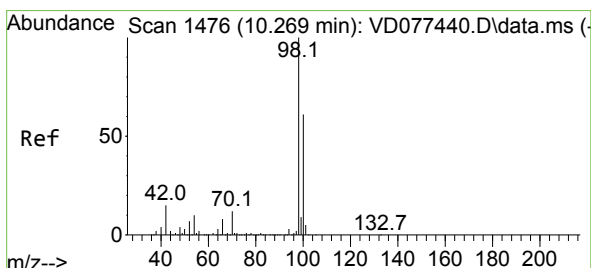
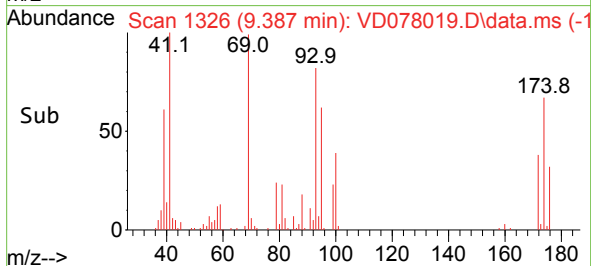
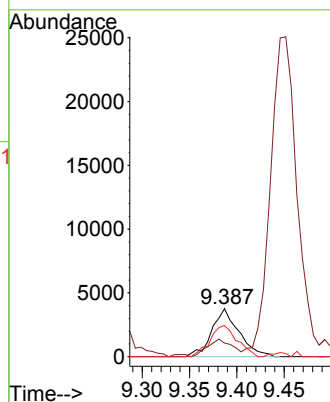
Tgt Ion: 88 Resp: 7499

Ion Ratio Lower Upper

88 100

43 33.3 19.0 28.6#

58 64.8 43.5 65.3



#50

Toluene-d8

Concen: 52.726 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078019.D

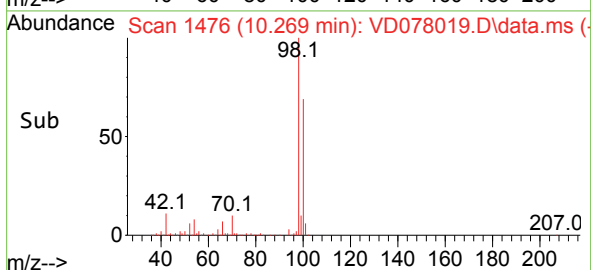
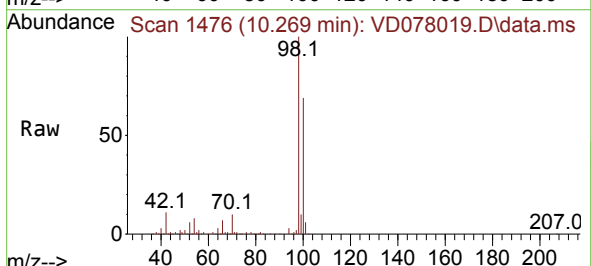
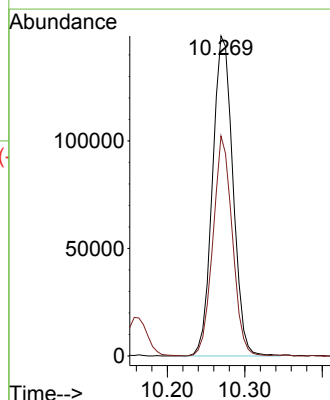
Acq: 21 Dec 2023 04:01

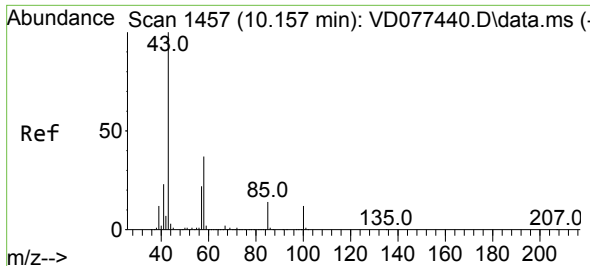
Tgt Ion: 98 Resp: 272824

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

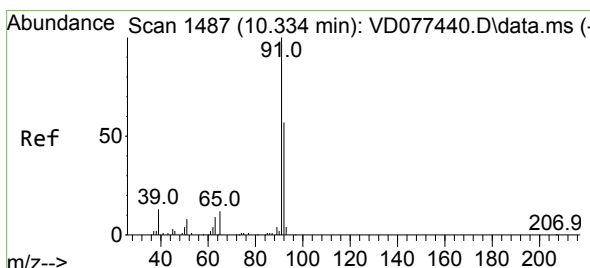
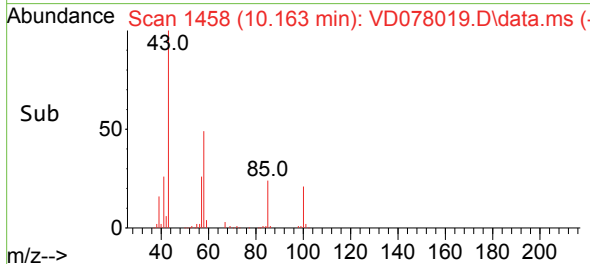
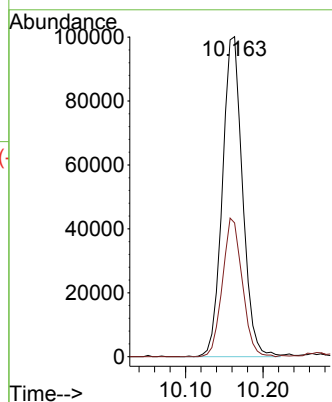
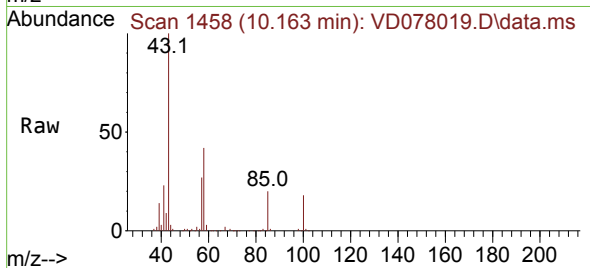




#51
4-Methyl-2-Pentanone
Concen: 247.209 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

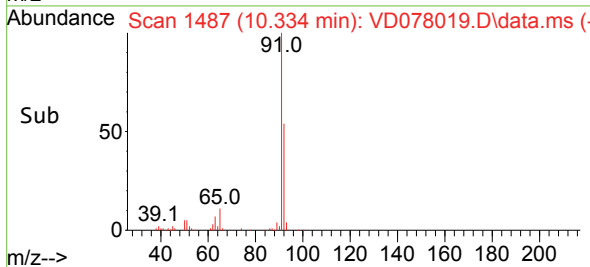
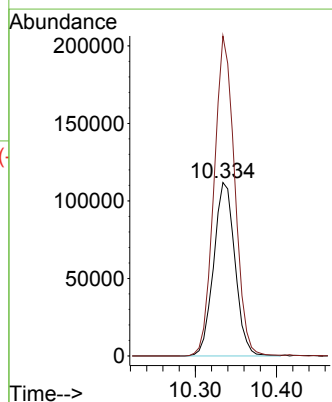
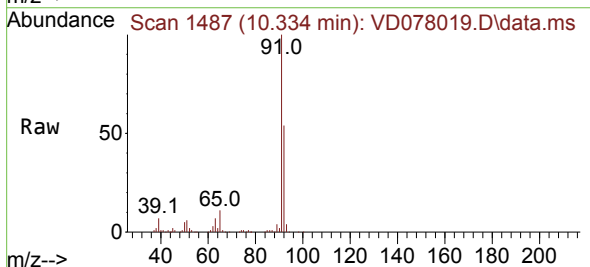
Instrument :
MSVOA_D
ClientSampleId :

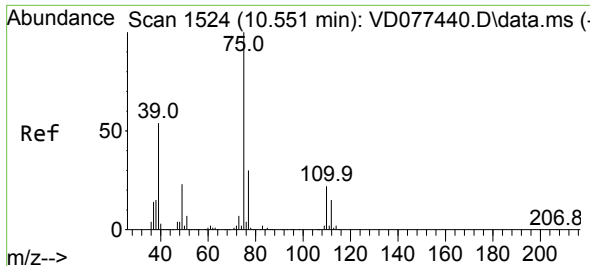
Tgt Ion: 43 Resp: 180718
Ion Ratio Lower Upper
43 100
58 42.7 38.9 58.3



#52
Toluene
Concen: 56.137 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 92 Resp: 204242
Ion Ratio Lower Upper
92 100
91 178.7 143.0 214.4

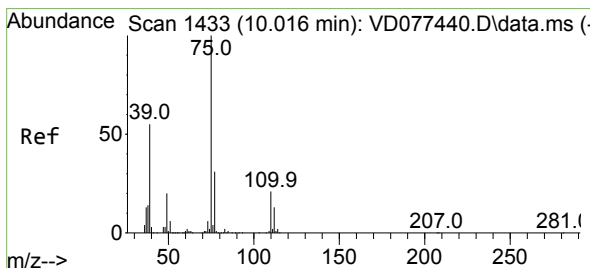
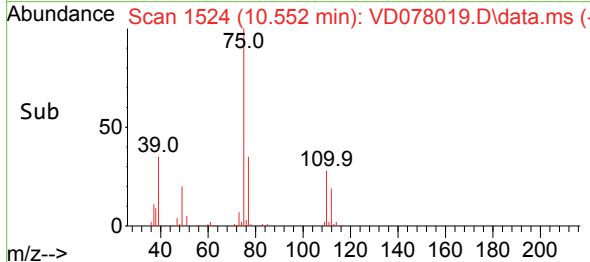
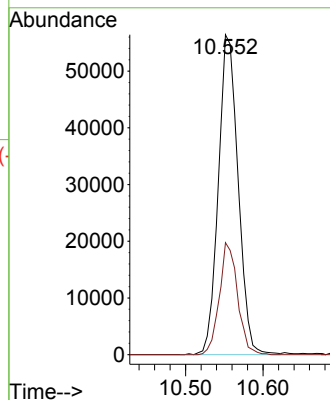
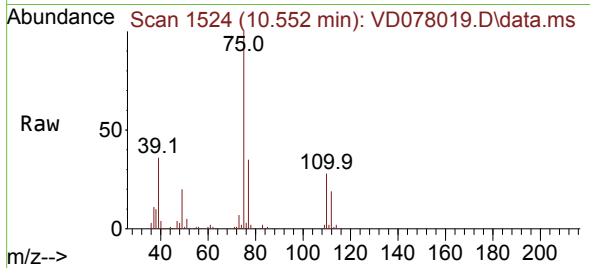




#53
t-1,3-Dichloropropene
Concen: 54.481 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

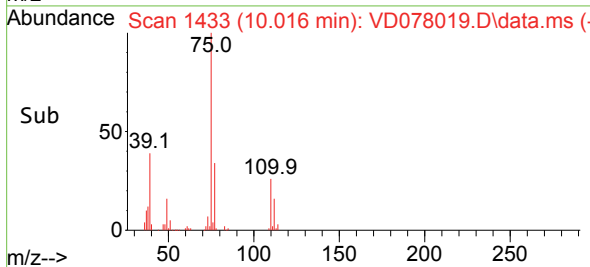
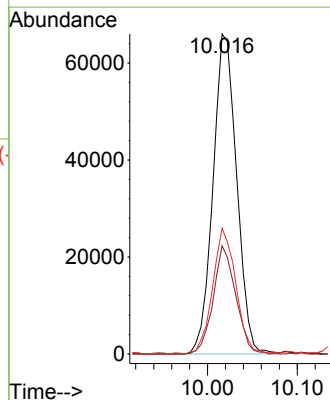
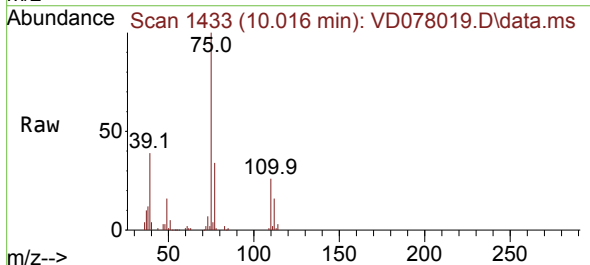
Instrument :
MSVOA_D
ClientSampleId :

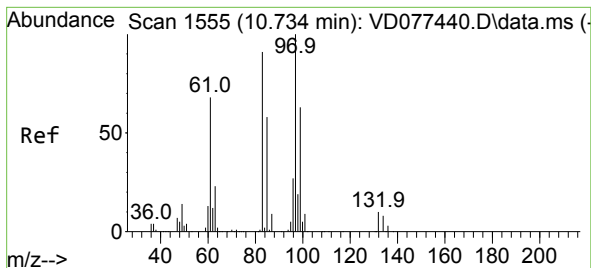
Tgt Ion: 75 Resp: 100043
Ion Ratio Lower Upper
75 100
77 35.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.483 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 75 Resp: 120959
Ion Ratio Lower Upper
75 100
77 33.8 25.5 38.3
39 39.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 57.121 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 58945

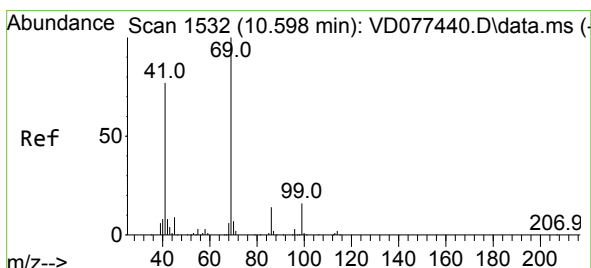
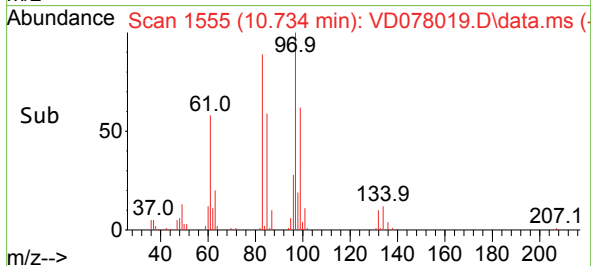
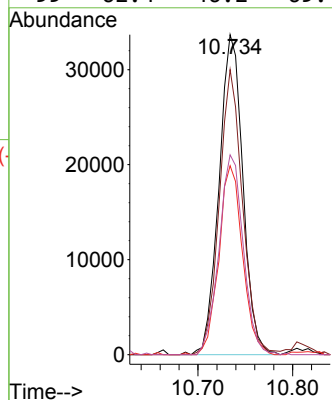
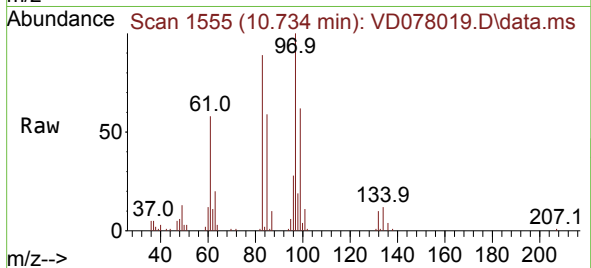
Ion Ratio Lower Upper

97 100

83 89.1 65.8 98.6

85 59.0 45.7 68.5

99 62.4 46.2 69.4



#56

Ethyl methacrylate

Concen: 55.884 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.001 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

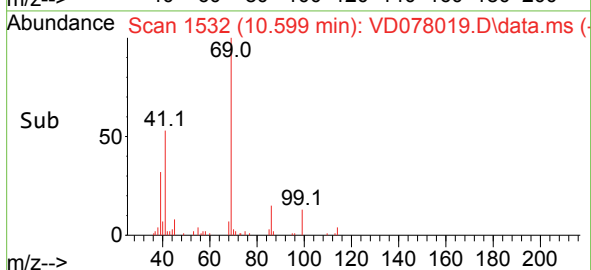
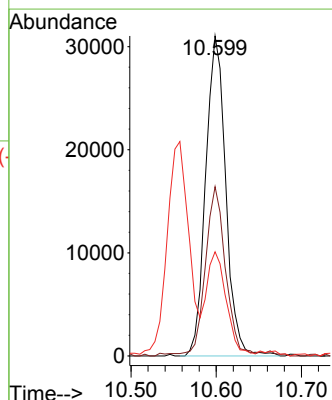
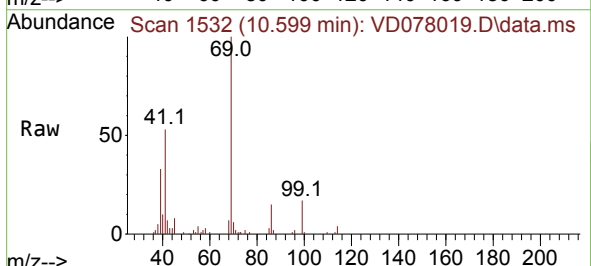
Tgt Ion: 69 Resp: 50836

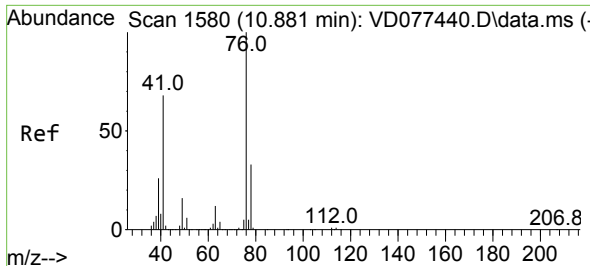
Ion Ratio Lower Upper

69 100

41 53.7 39.1 58.7

39 32.0 20.0 30.0#

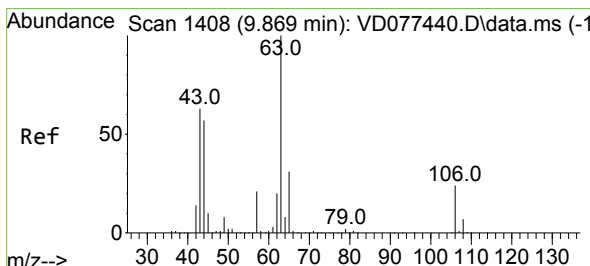
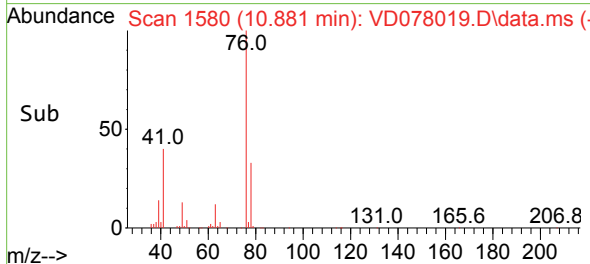
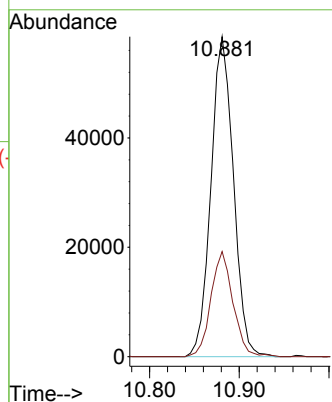
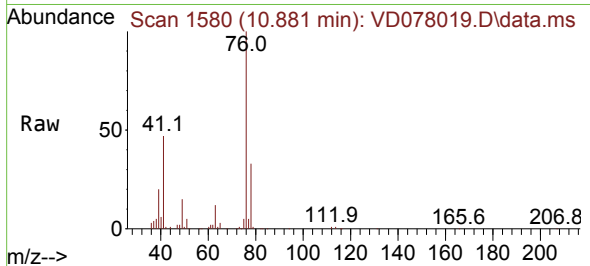




#57
1,3-Dichloropropane
Concen: 57.268 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

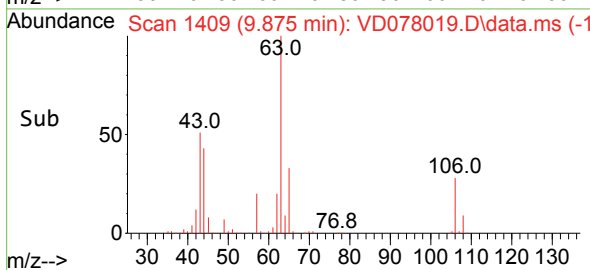
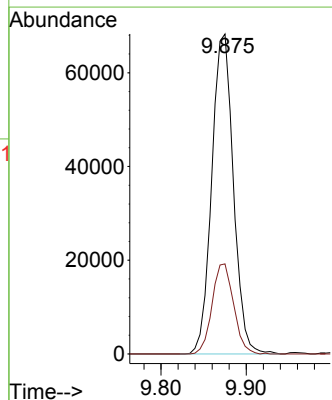
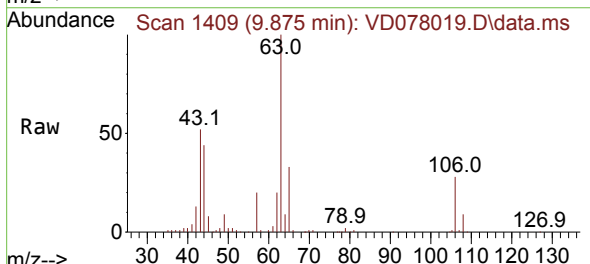
Instrument :
MSVOA_D
ClientSampleId :

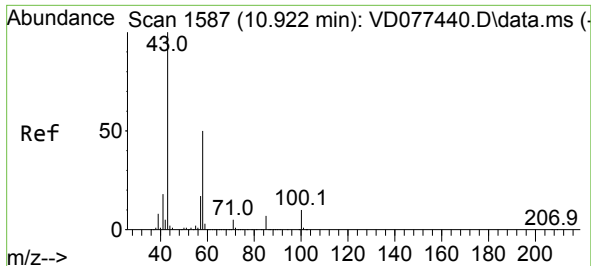
Tgt Ion: 76 Resp: 101866
Ion Ratio Lower Upper
76 100
78 32.3 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 231.955 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 63 Resp: 120331
Ion Ratio Lower Upper
63 100
106 28.0 25.3 37.9

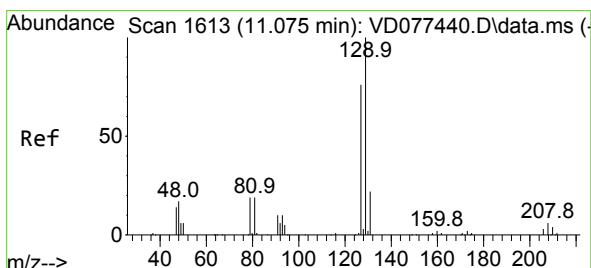
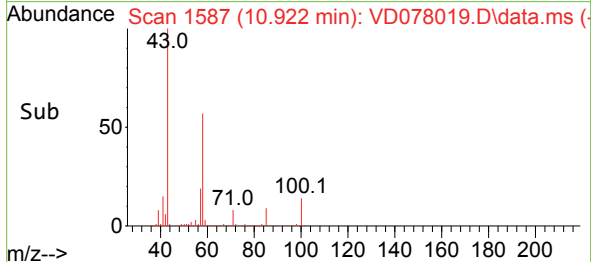
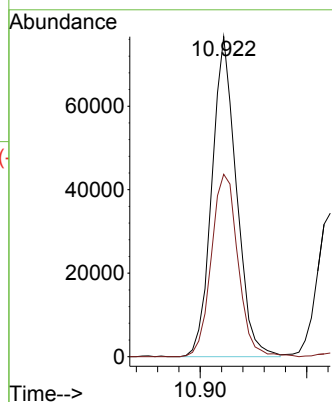
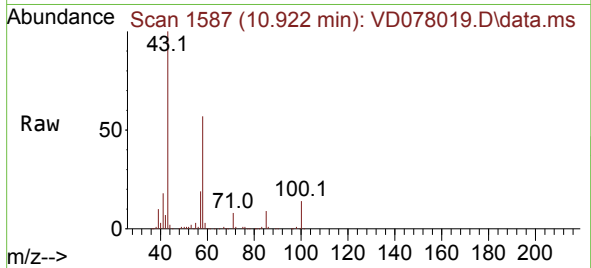




#59
2-Hexanone
Concen: 202.078 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

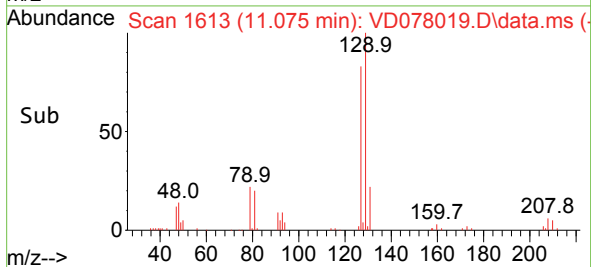
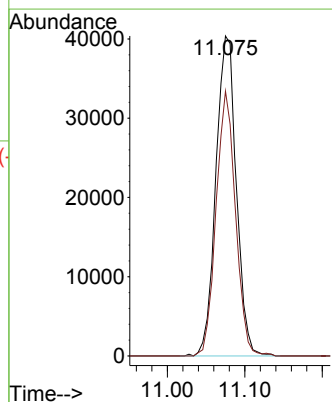
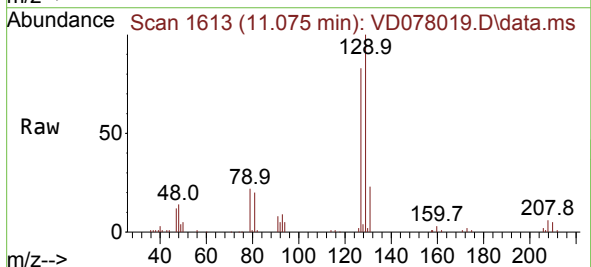
Instrument :
MSVOA_D
ClientSampleId :

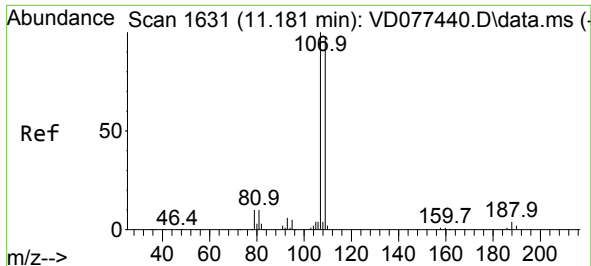
Tgt Ion: 43 Resp: 122560
Ion Ratio Lower Upper
43 100
58 61.9 34.1 102.2



#60
Dibromochloromethane
Concen: 59.556 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion:129 Resp: 73994
Ion Ratio Lower Upper
129 100
127 78.6 37.1 111.5

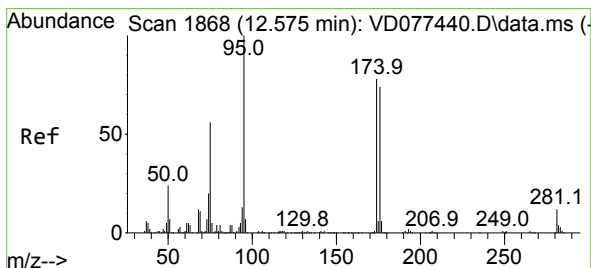
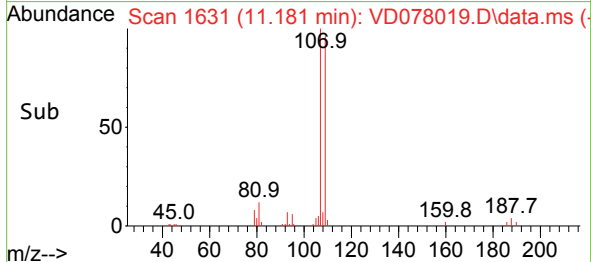
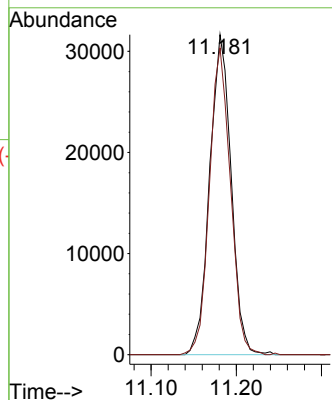
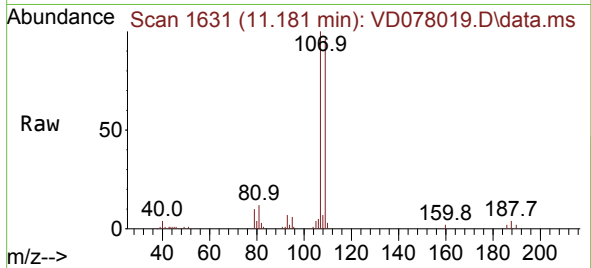




#61
1,2-Dibromoethane
Concen: 57.092 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

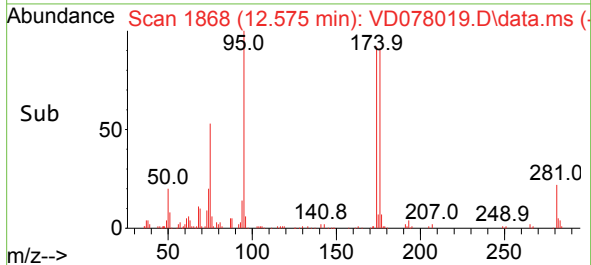
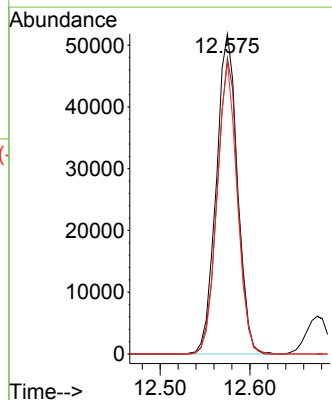
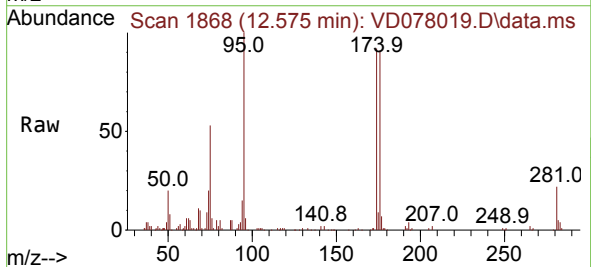
Instrument :
MSVOA_D
ClientSampleId :

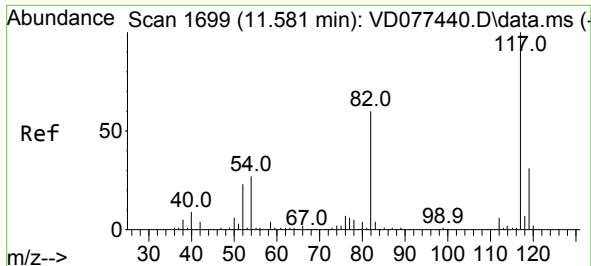
Tgt Ion:107 Resp: 55459
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.011 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 95 Resp: 85103
Ion Ratio Lower Upper
95 100
174 89.8 0.0 201.8
176 86.0 0.0 191.8

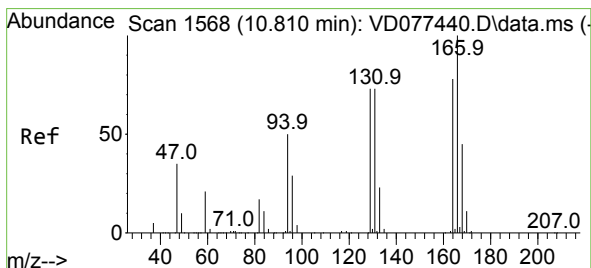
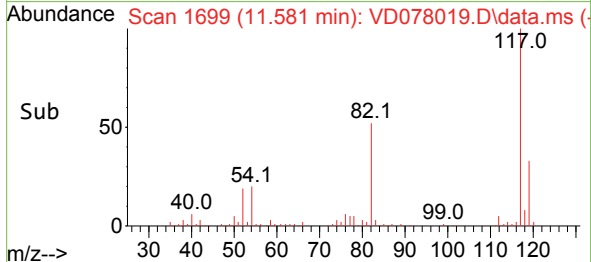
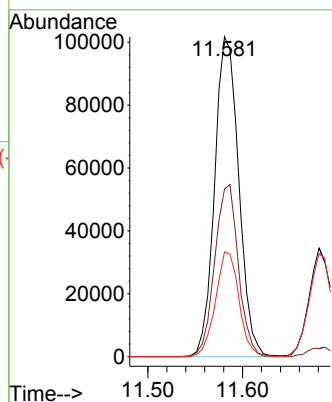
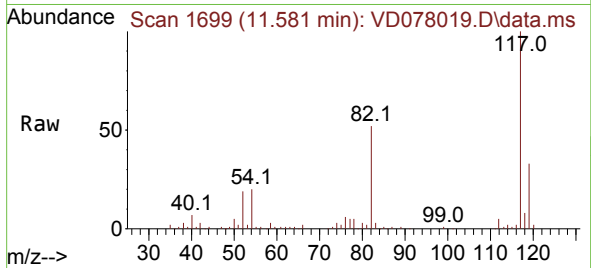




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

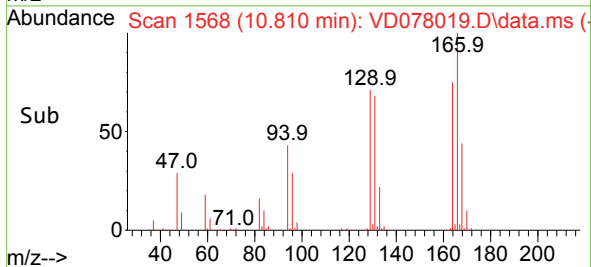
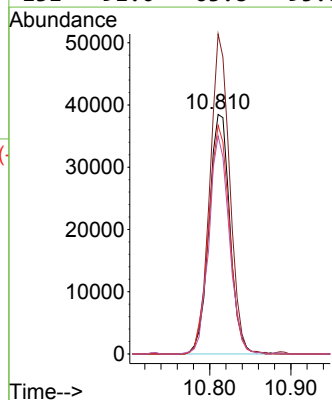
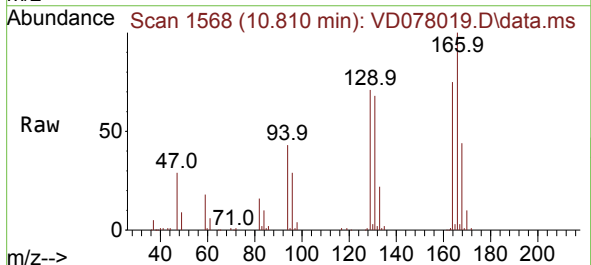
Instrument :
MSVOA_D
ClientSampleId :

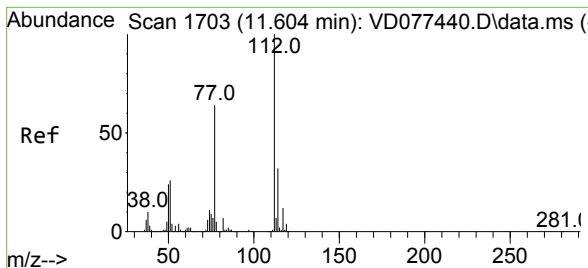
Tgt Ion:117 Resp: 180267
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 51.902 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion:164 Resp: 68767
Ion Ratio Lower Upper
164 100
166 133.6 99.2 148.8
129 95.4 68.4 102.6
131 91.0 63.8 95.8

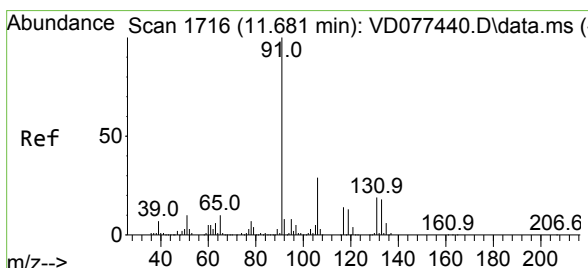
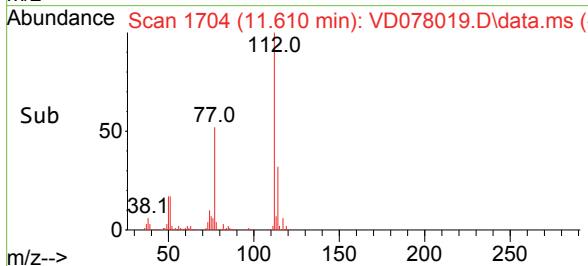
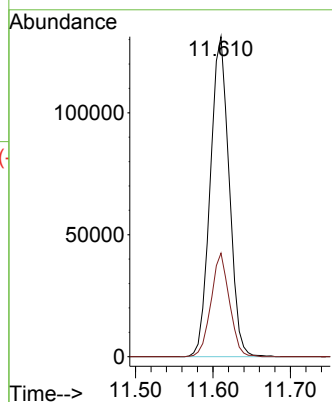
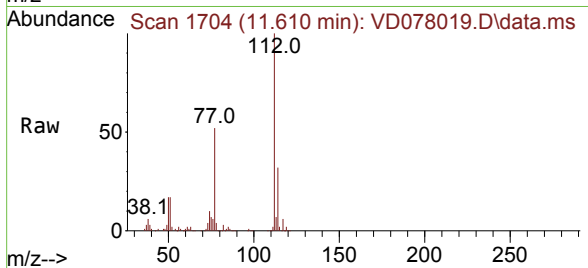




#65
Chlorobenzene
Concen: 52.352 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

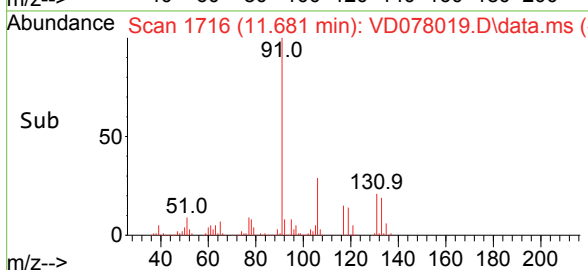
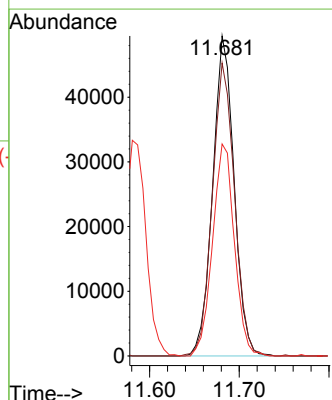
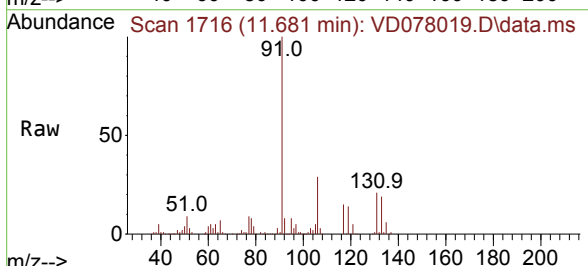
Instrument :
MSVOA_D
ClientSampleId :

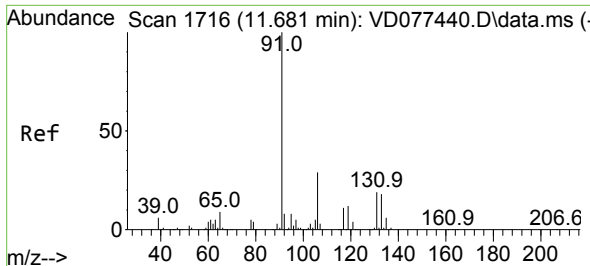
Tgt Ion:112 Resp: 222098
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.666 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion:131 Resp: 81946
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 67.7 35.6 106.9

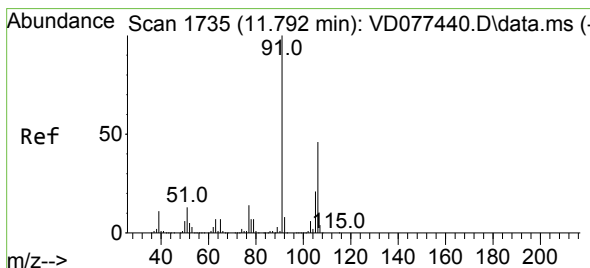
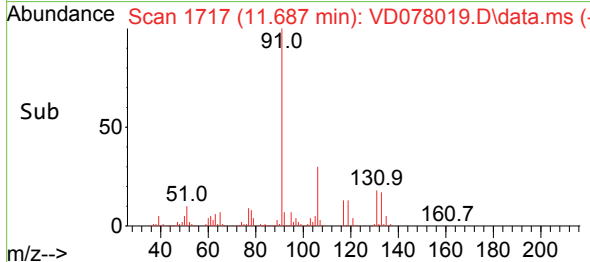
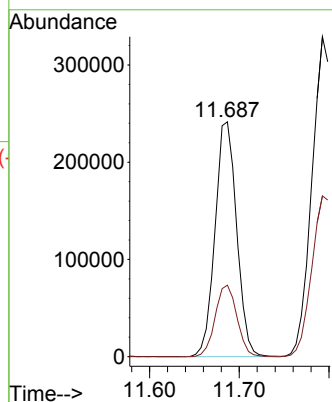
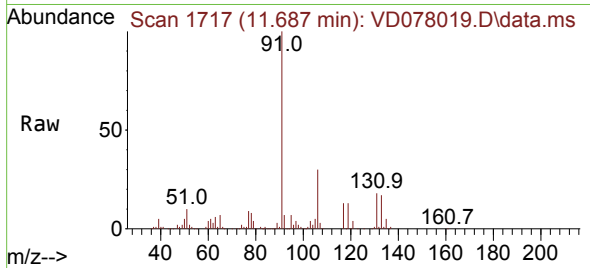




#67
Ethyl Benzene
Concen: 53.831 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

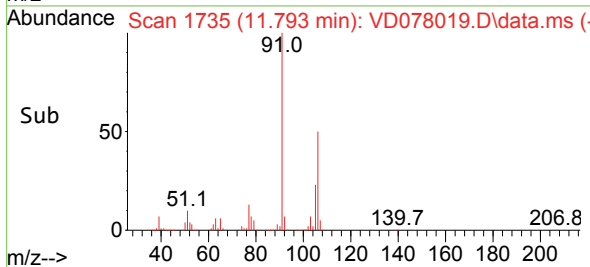
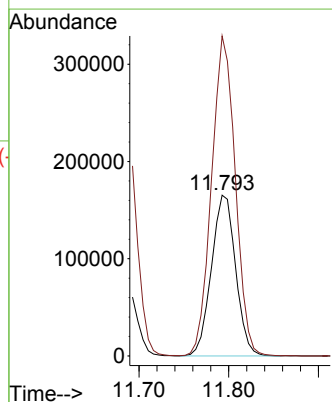
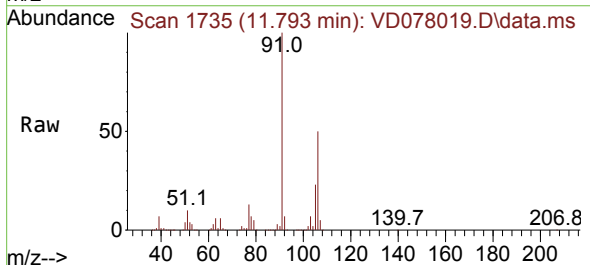
Instrument :
MSVOA_D
ClientSampleId :

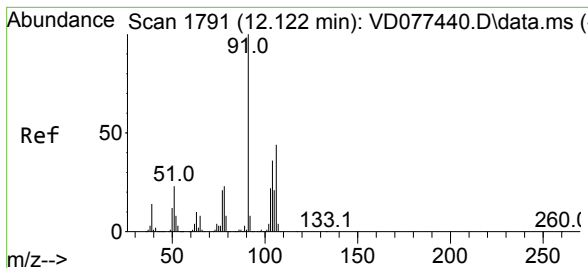
Tgt Ion: 91 Resp: 404005
Ion Ratio Lower Upper
91 100
106 30.4 26.5 39.7



#68
m/p-Xylenes
Concen: 107.882 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion:106 Resp: 309699
Ion Ratio Lower Upper
106 100
91 195.4 147.0 220.6

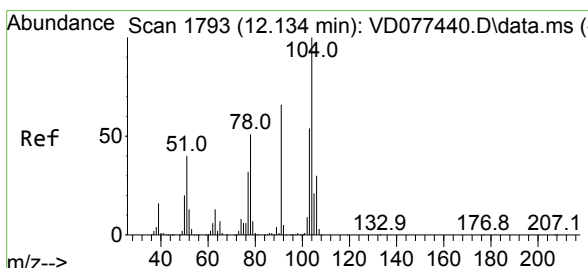
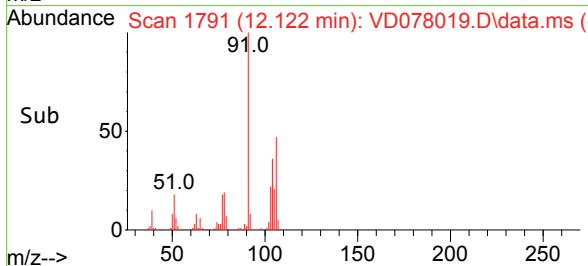
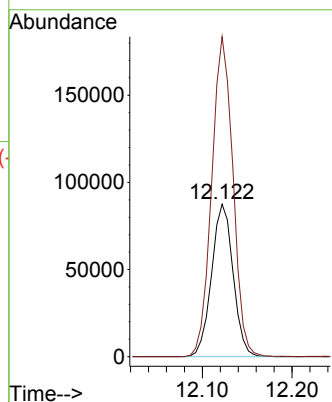
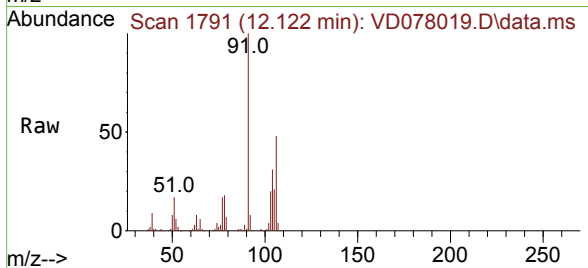




#69
o-Xylene
Concen: 55.042 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

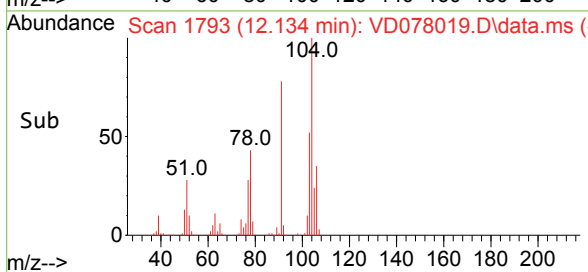
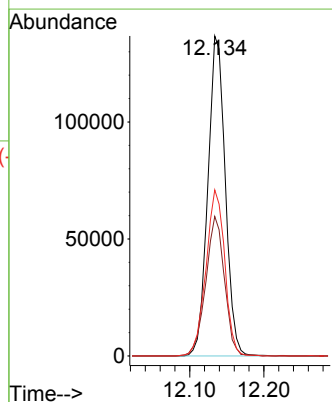
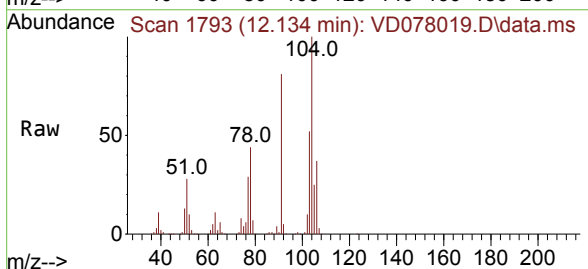
Instrument :
MSVOA_D
ClientSampleId :

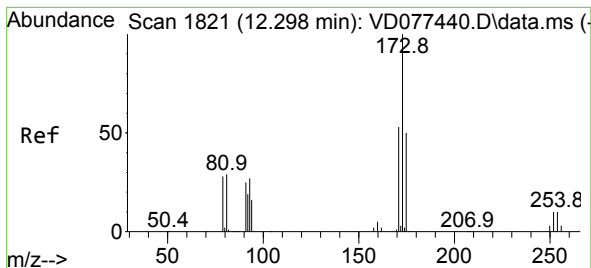
Tgt Ion:106 Resp: 145626
Ion Ratio Lower Upper
106 100
91 207.4 97.9 293.6



#70
Styrene
Concen: 56.809 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion:104 Resp: 223490
Ion Ratio Lower Upper
104 100
78 46.9 33.2 49.8
103 56.1 43.6 65.4





#71

Bromoform

Concen: 54.859 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

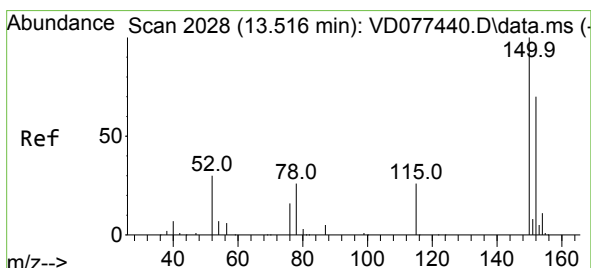
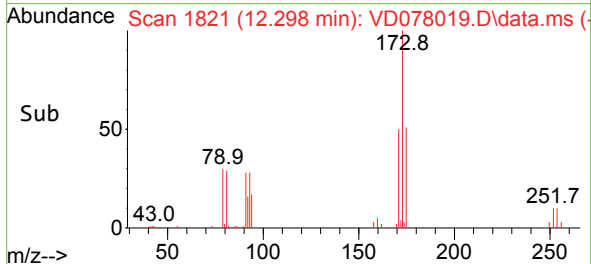
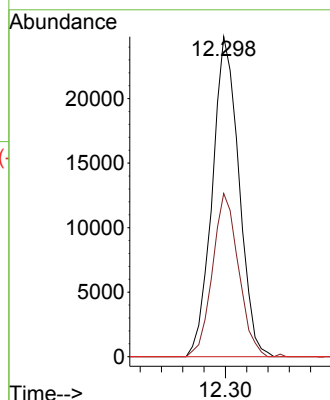
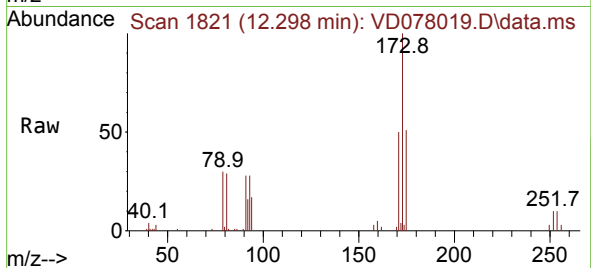
Tgt Ion:173 Resp: 42969

Ion Ratio Lower Upper

173 100

175 49.8 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: VD078019.D

Acq: 21 Dec 2023 04:01

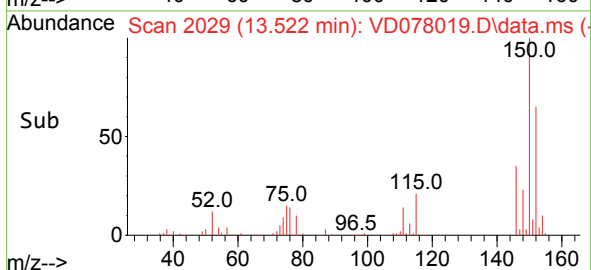
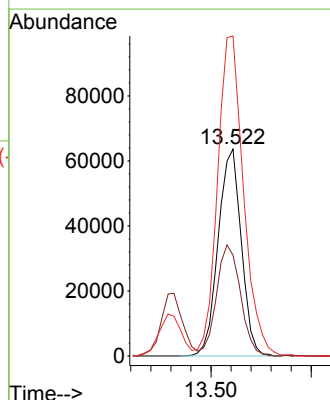
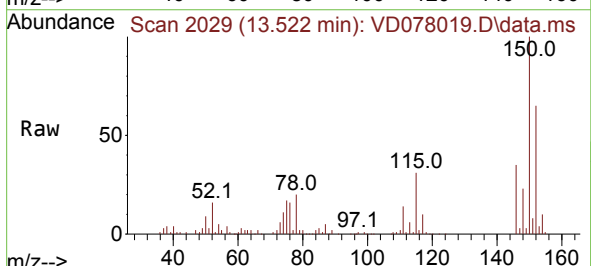
Tgt Ion:152 Resp: 101726

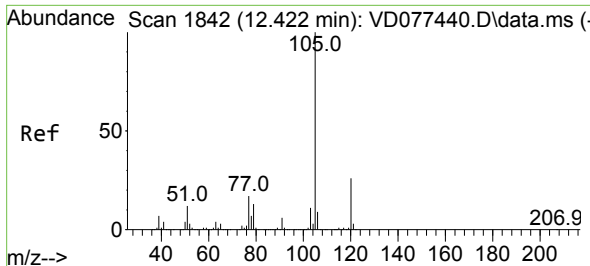
Ion Ratio Lower Upper

152 100

115 55.7 27.1 81.3

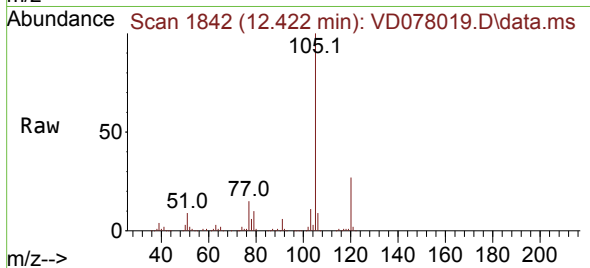
150 174.3 0.0 353.6



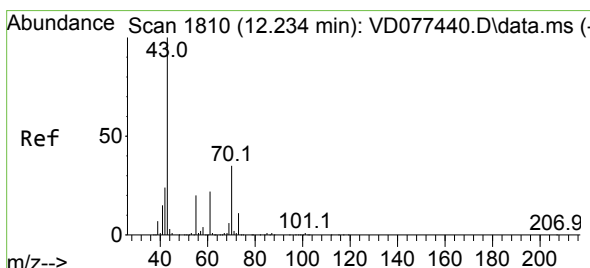
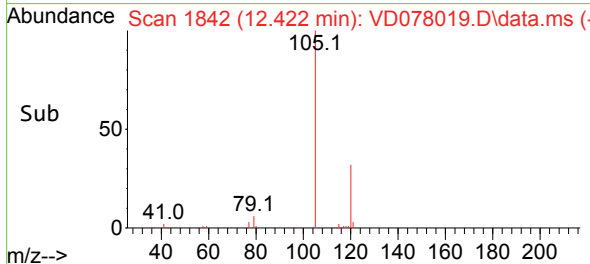
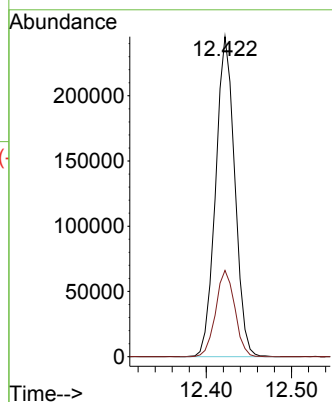


#73
Isopropylbenzene
Concen: 49.678 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Instrument :
MSVOA_D
ClientSampleId :

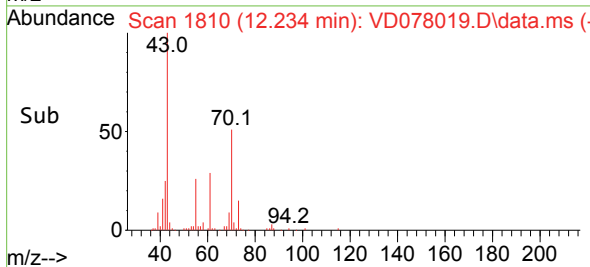
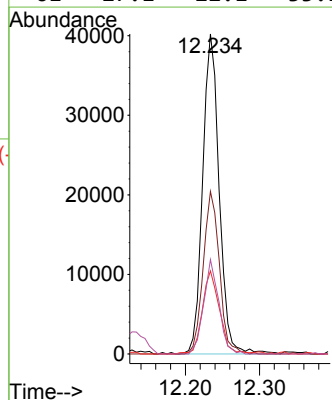
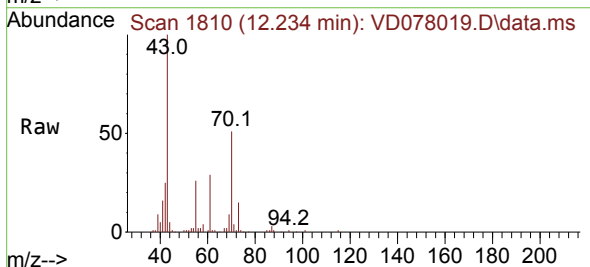


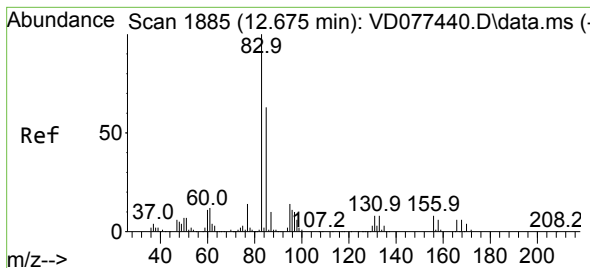
Tgt Ion:105 Resp: 383016
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 41.134 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 43 Resp: 62341
Ion Ratio Lower Upper
43 100
70 49.9 45.0 67.4
55 26.8 23.8 35.6
61 27.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.427 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078019.D

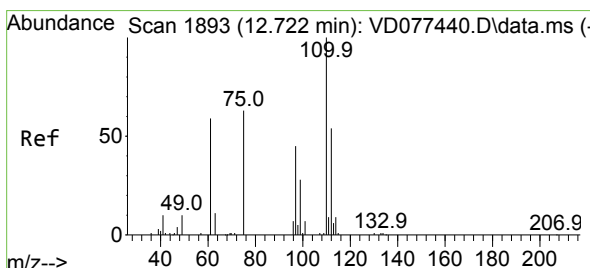
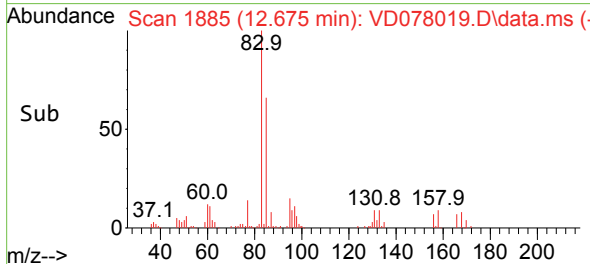
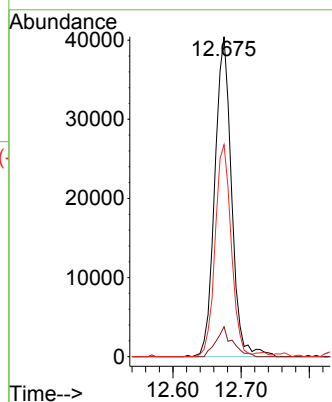
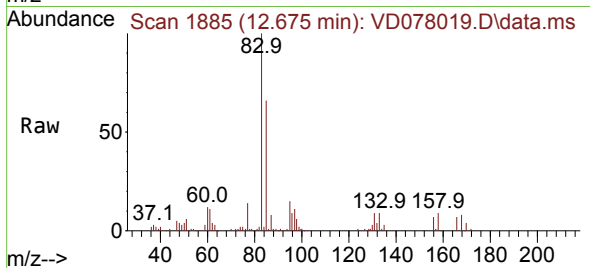
Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	69135
Ion Ratio	Lower	Upper	
83	100		
131	9.2	5.1	15.3
85	63.8	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 91.337 ug/l

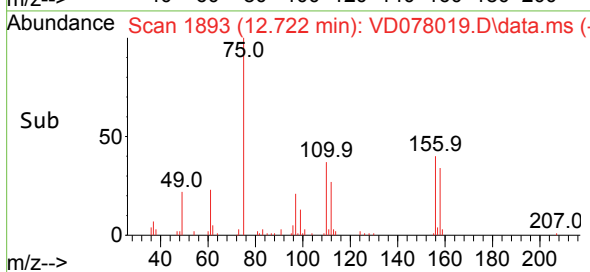
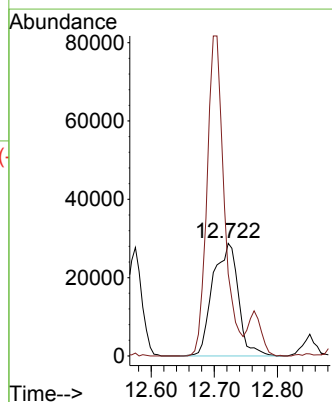
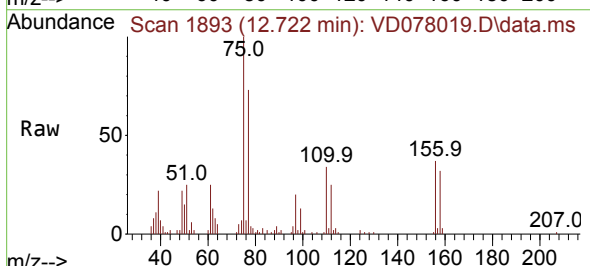
RT: 12.722 min Scan# 1893

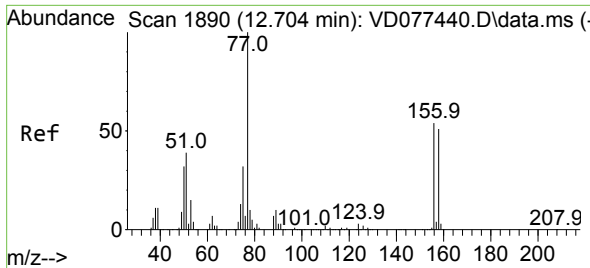
Delta R.T. -0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Tgt Ion:	75	Resp:	80696
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

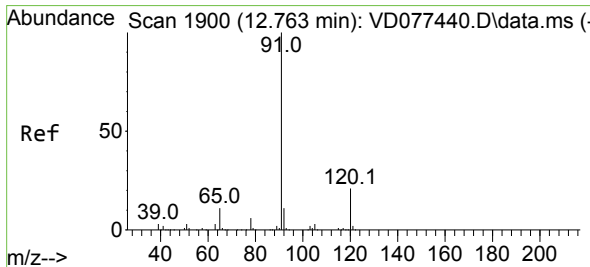
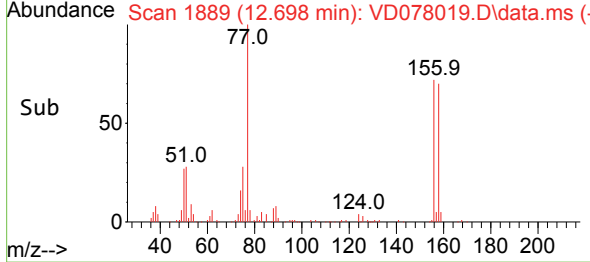
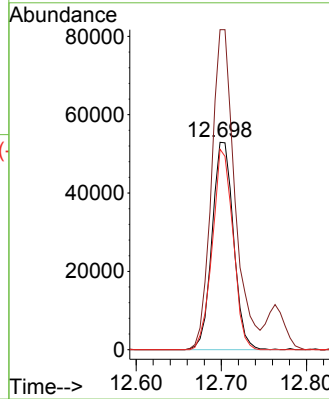
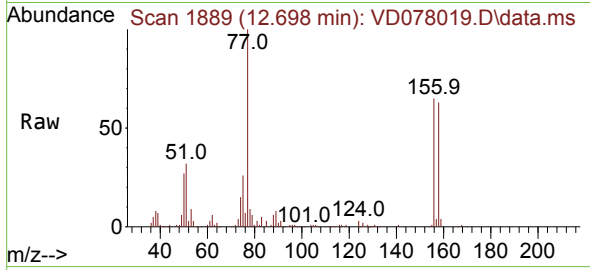




#77
Bromobenzene
Concen: 51.016 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

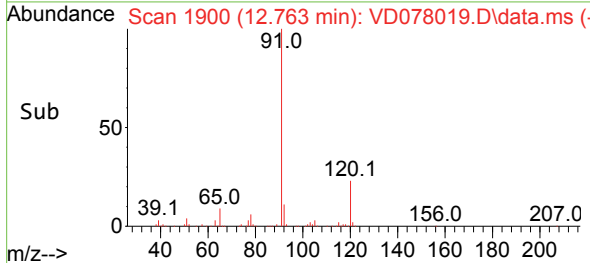
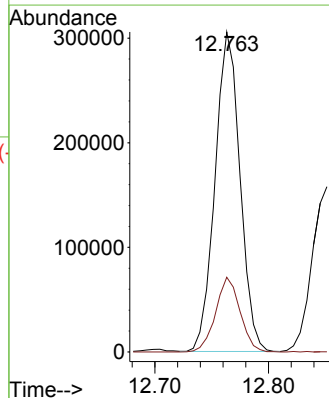
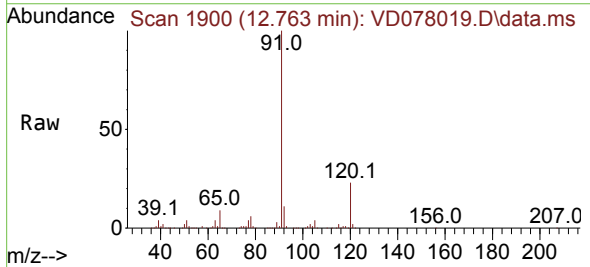
Instrument :
MSVOA_D
ClientSampleId :

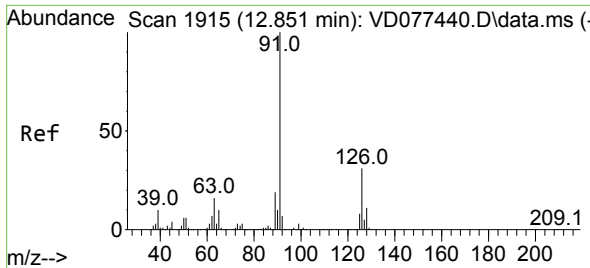
Tgt Ion:156 Resp: 92517
Ion Ratio Lower Upper
156 100
77 168.1 76.8 230.4
158 93.1 48.6 145.9



#78
n-propylbenzene
Concen: 49.610 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 91 Resp: 466078
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2

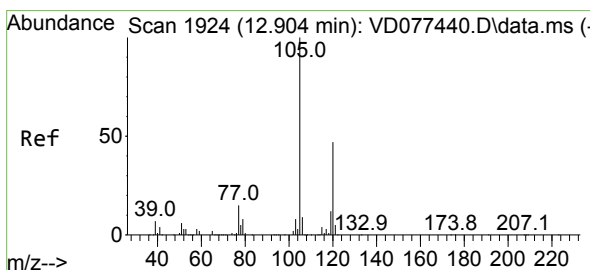
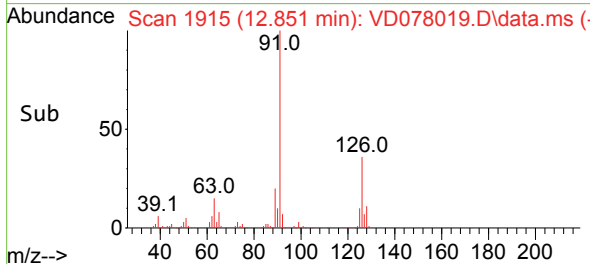
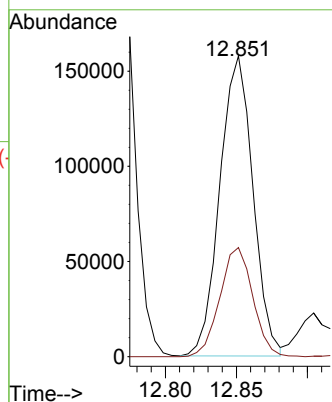
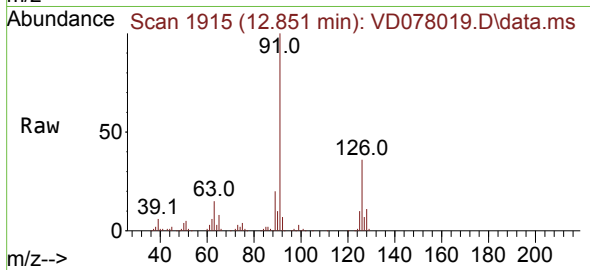




#79
2-Chlorotoluene
Concen: 50.792 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

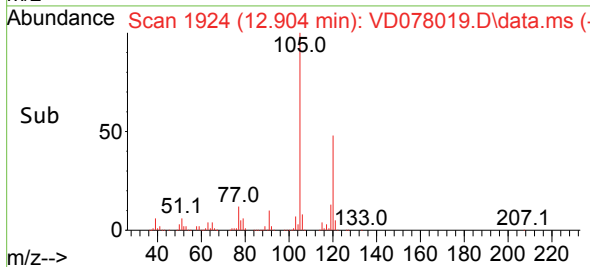
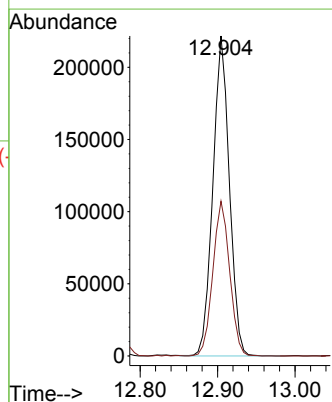
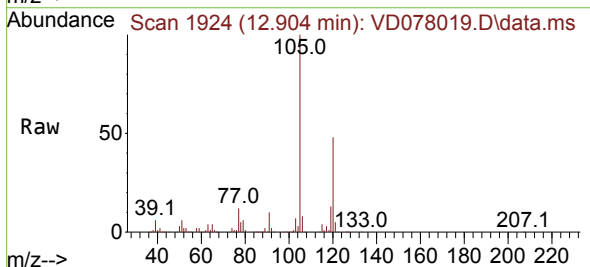
Instrument :
MSVOA_D
ClientSampleId :

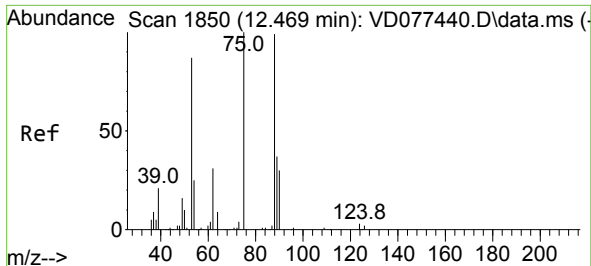
Tgt Ion: 91 Resp: 255728
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 51.020 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 105 Resp: 328075
Ion Ratio Lower Upper
105 100
120 49.3 26.4 79.2

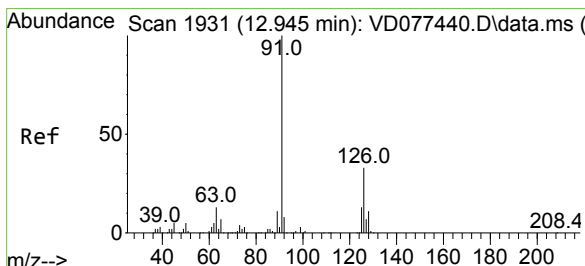
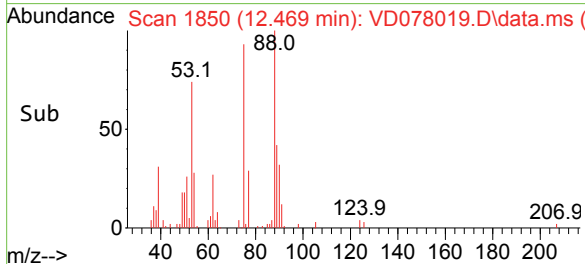
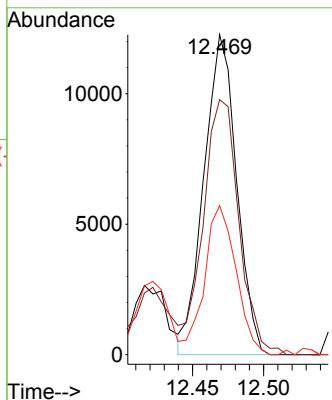
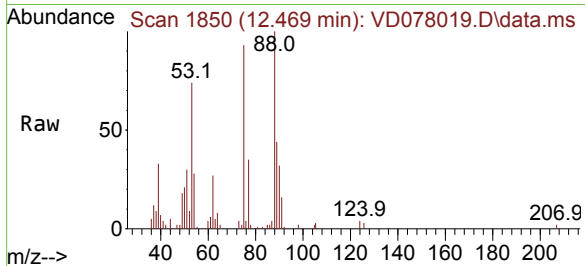




#81
trans-1,4-Dichloro-2-butene
Concen: 44.931 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

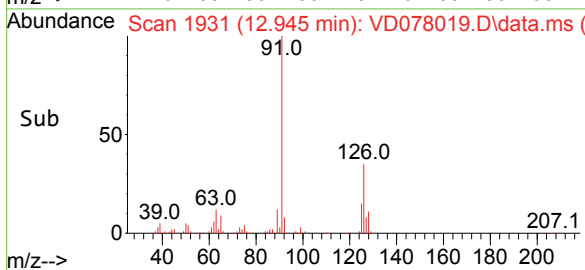
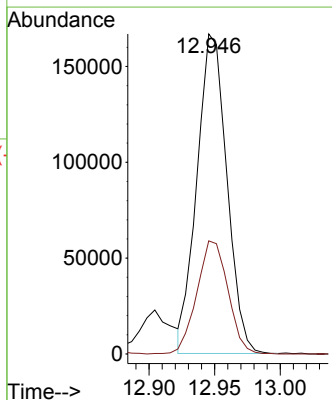
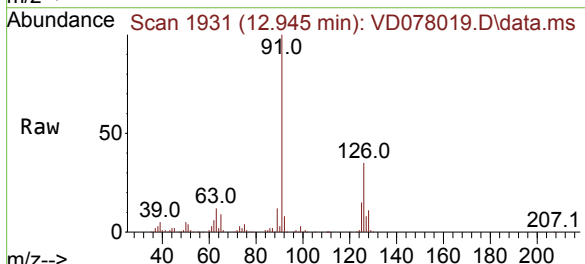
Instrument :
MSVOA_D
ClientSampleId :

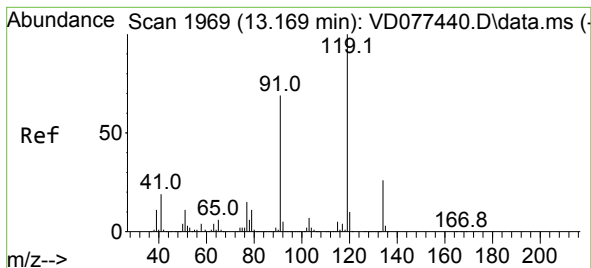
Tgt Ion: 75 Resp: 19593
Ion Ratio Lower Upper
75 100
53 87.1 63.0 94.4
89 45.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.282 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion: 91 Resp: 264660
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 51.505 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

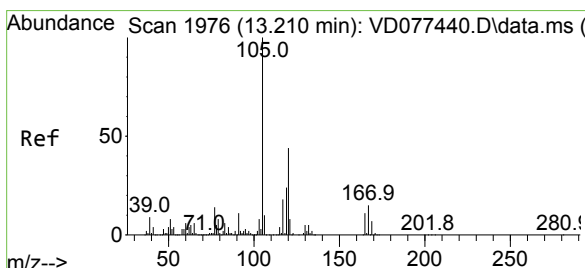
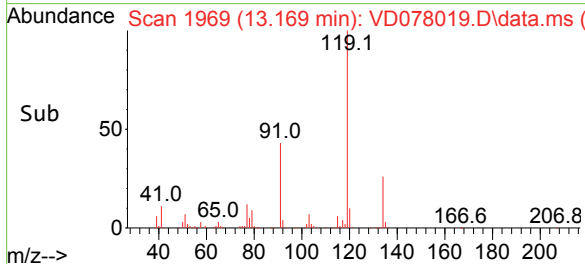
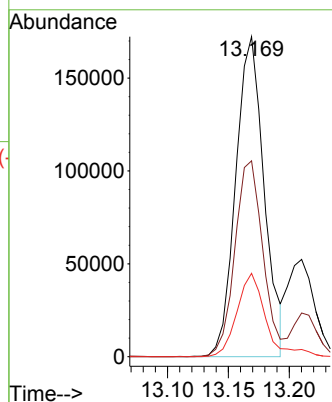
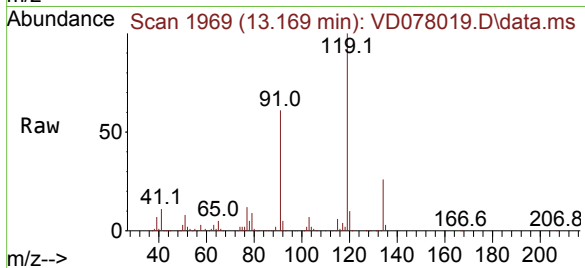
Tgt Ion:119 Resp: 279605

Ion Ratio Lower Upper

119 100

91 60.3 29.3 87.8

134 26.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 51.796 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078019.D

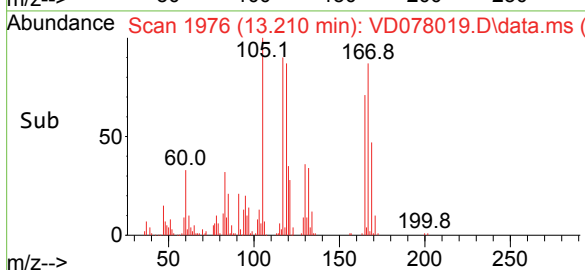
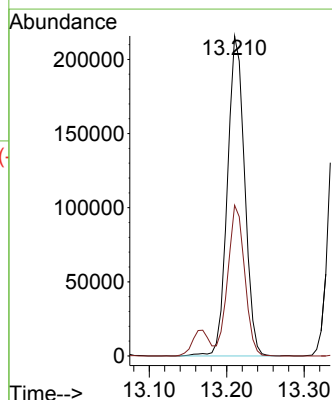
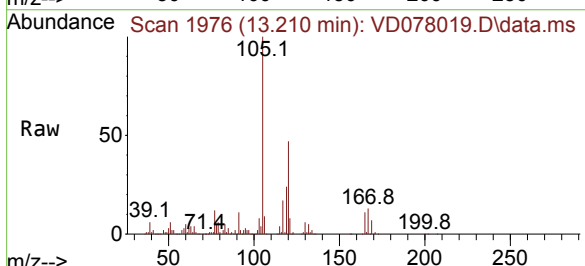
Acq: 21 Dec 2023 04:01

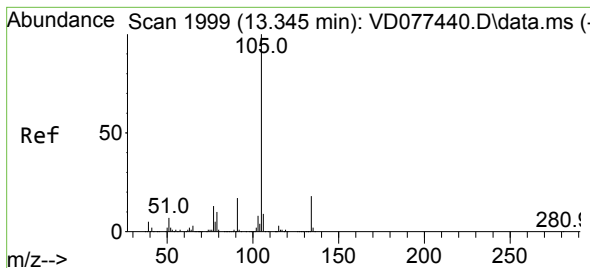
Tgt Ion:105 Resp: 333131

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 50.001 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

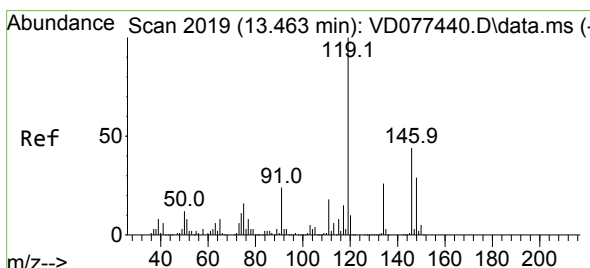
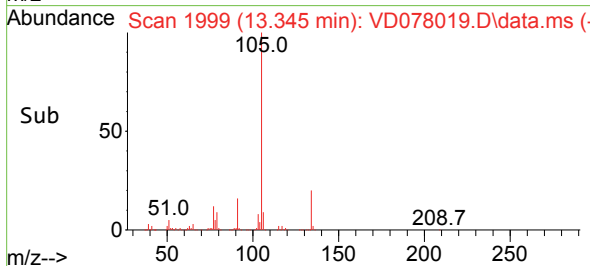
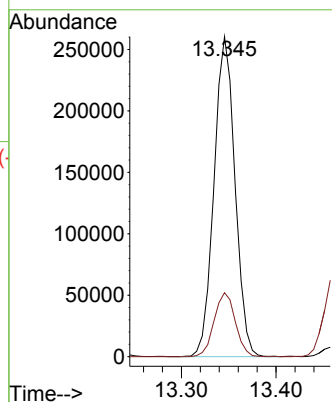
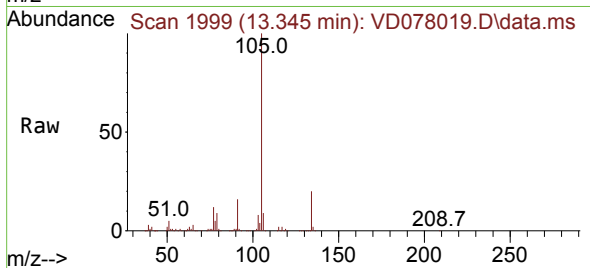
ClientSampleId :

Tgt Ion:105 Resp: 401232

Ion Ratio Lower Upper

105 100

134 20.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 51.144 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

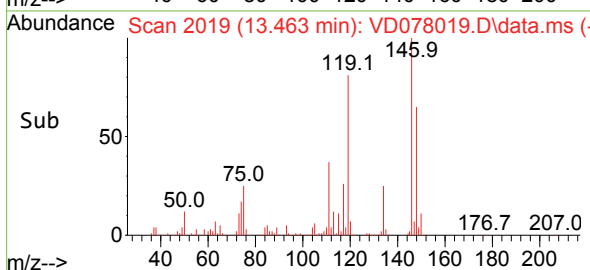
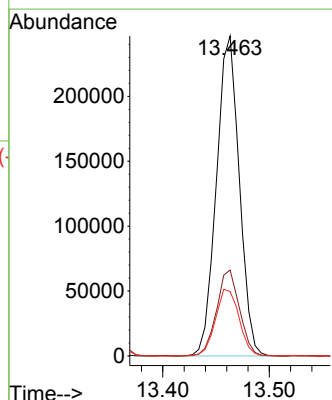
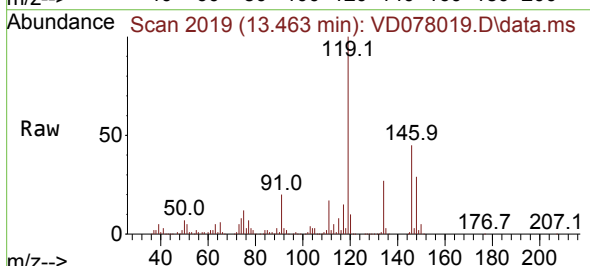
Tgt Ion:119 Resp: 367447

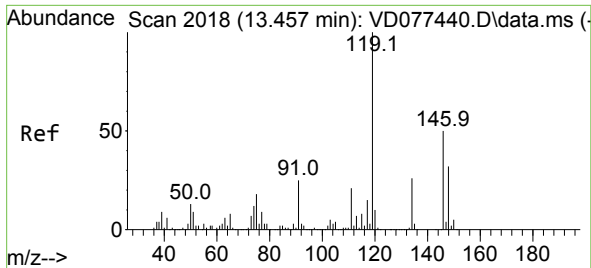
Ion Ratio Lower Upper

119 100

134 26.9 14.2 42.6

91 21.6 10.5 31.5

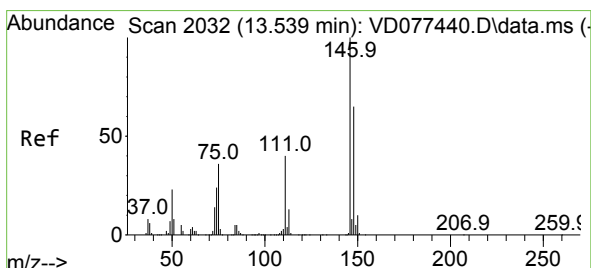
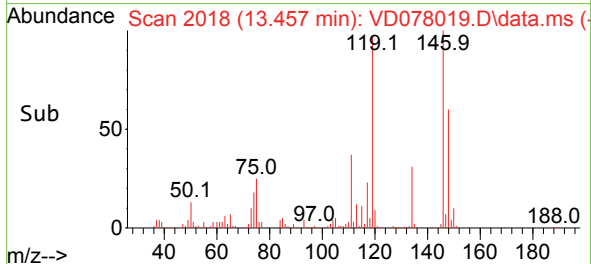
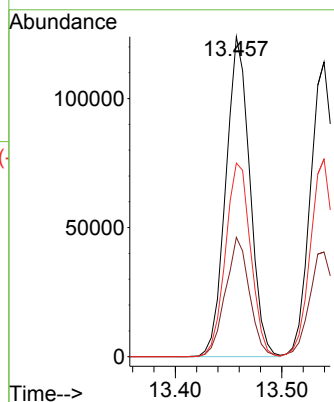
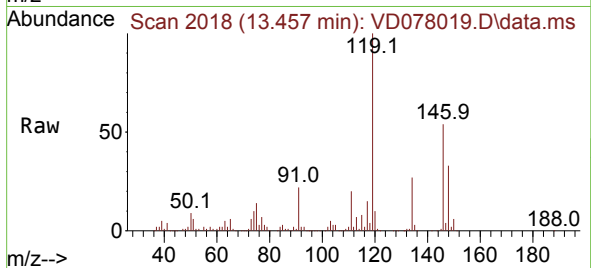




#87
1,3-Dichlorobenzene
Concen: 52.385 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

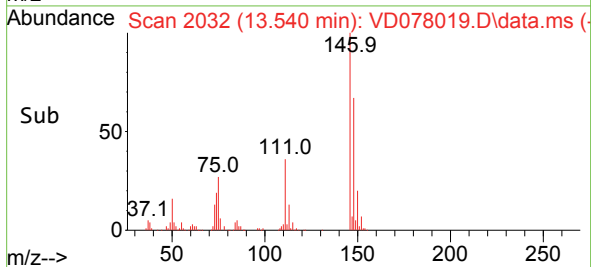
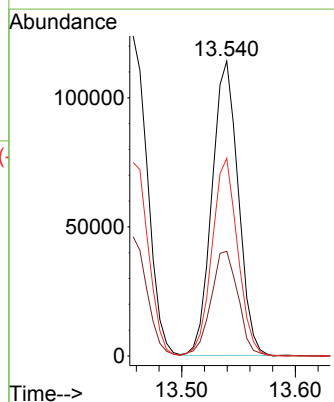
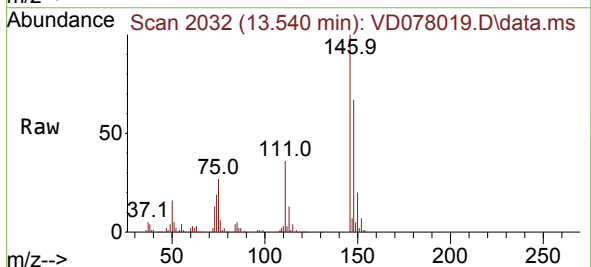
Instrument :
MSVOA_D
ClientSampleId :

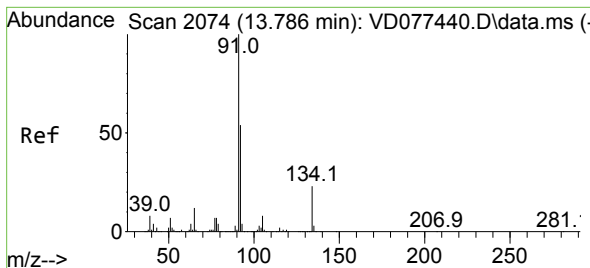
Tgt Ion:146 Resp: 194272
Ion Ratio Lower Upper
146 100
111 37.3 17.9 53.8
148 63.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 49.482 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD078019.D
Acq: 21 Dec 2023 04:01

Tgt Ion:146 Resp: 183226
Ion Ratio Lower Upper
146 100
111 36.9 17.4 52.3
148 65.9 31.7 95.1





#89

n-Butylbenzene

Concen: 49.863 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

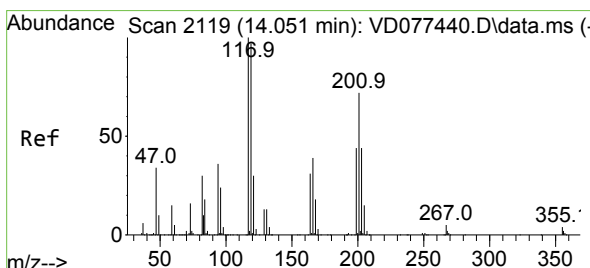
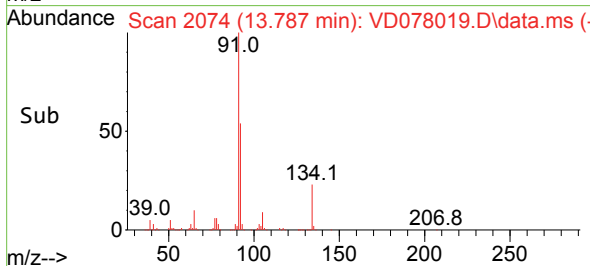
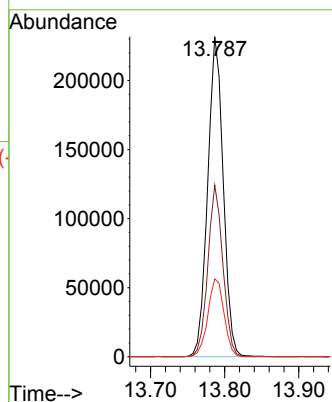
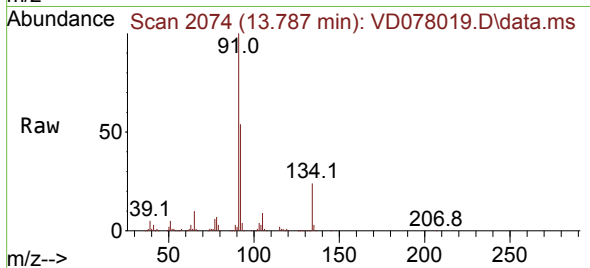
Tgt Ion: 91 Resp: 337089

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.5

134 25.4 13.8 41.3



#90

Hexachloroethane

Concen: 54.723 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078019.D

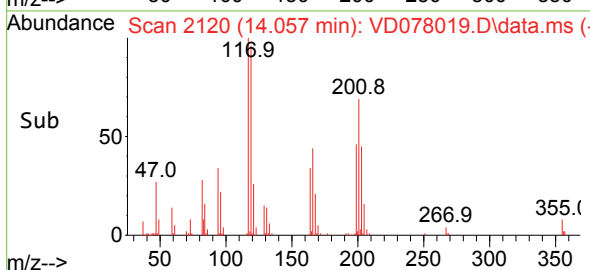
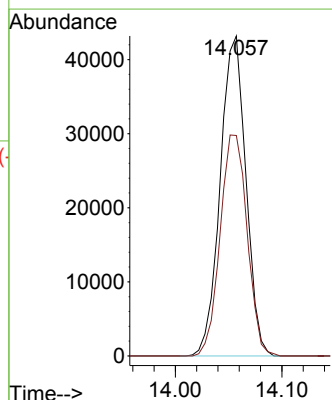
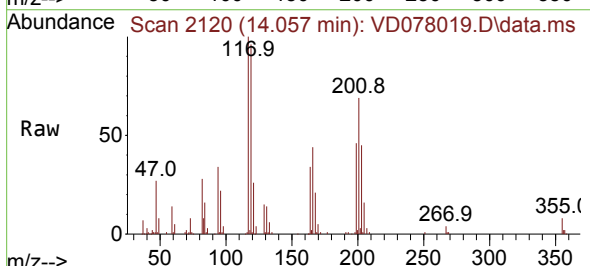
Acq: 21 Dec 2023 04:01

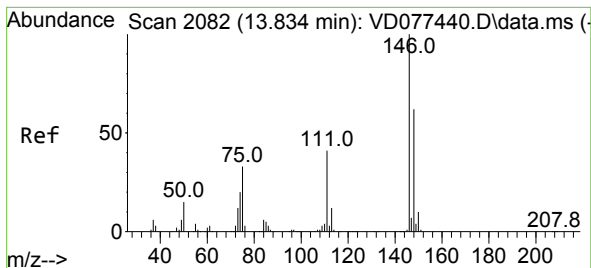
Tgt Ion: 117 Resp: 72305

Ion Ratio Lower Upper

117 100

201 72.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 51.073 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

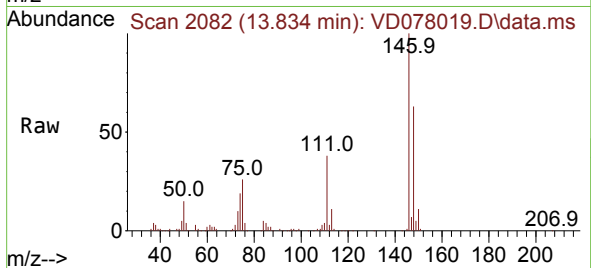
Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :



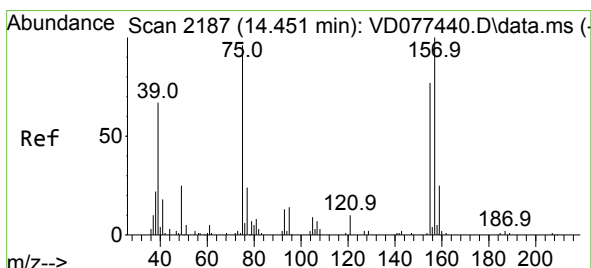
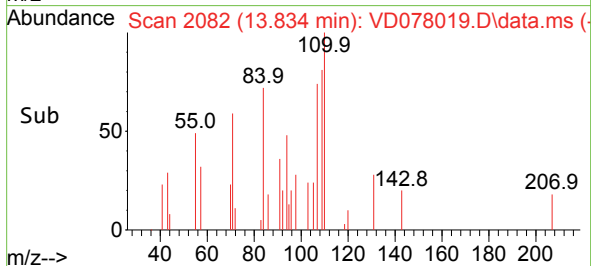
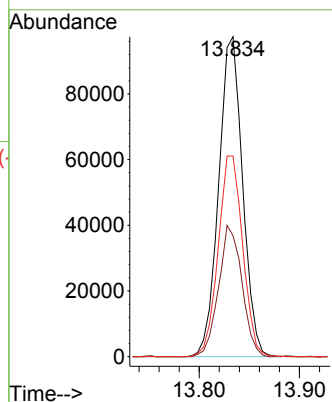
Tgt Ion:146 Resp: 161085

Ion Ratio Lower Upper

146 100

111 40.0 18.3 54.8

148 64.3 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.094 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

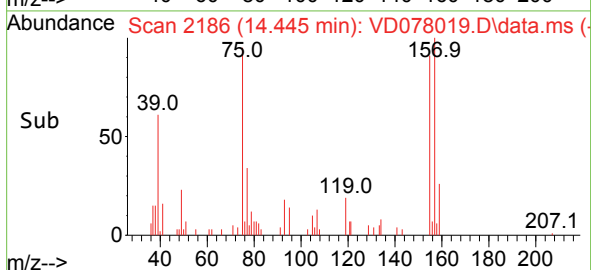
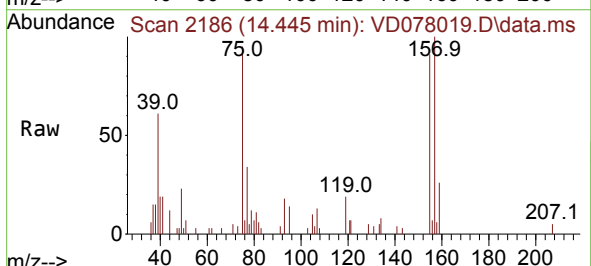
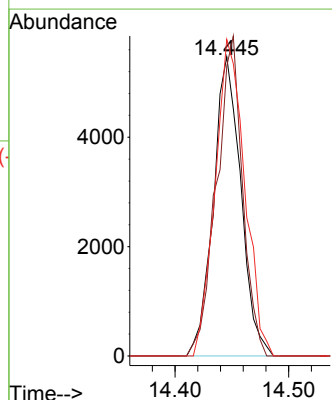
Tgt Ion: 75 Resp: 9182

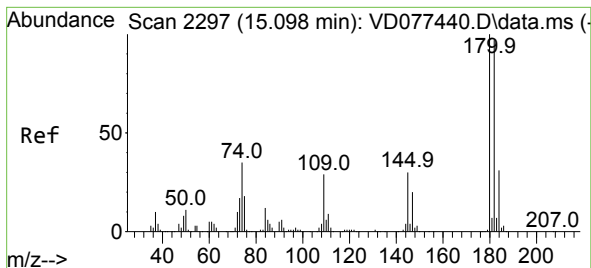
Ion Ratio Lower Upper

75 100

155 101.4 47.9 143.8

157 114.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 46.696 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

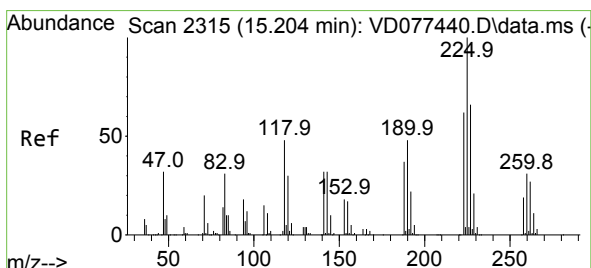
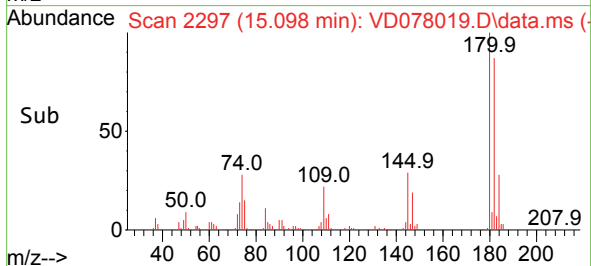
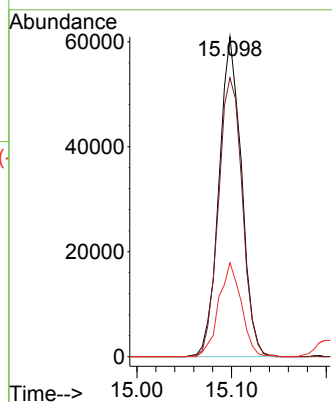
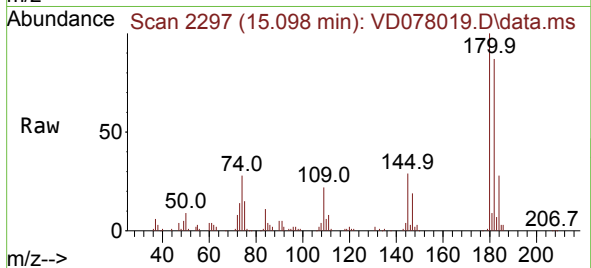
Tgt Ion:180 Resp: 100600

Ion Ratio Lower Upper

180 100

182 92.7 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.226 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

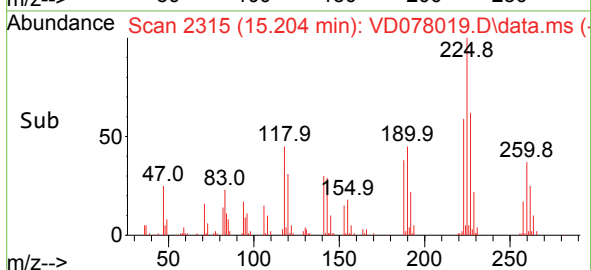
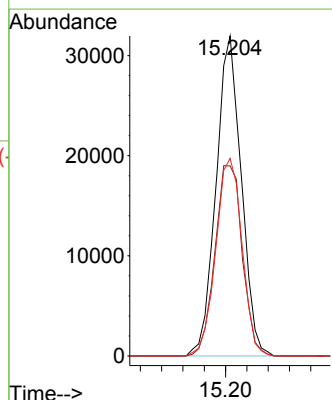
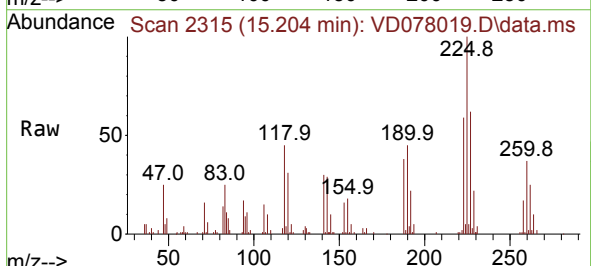
Tgt Ion:225 Resp: 52541

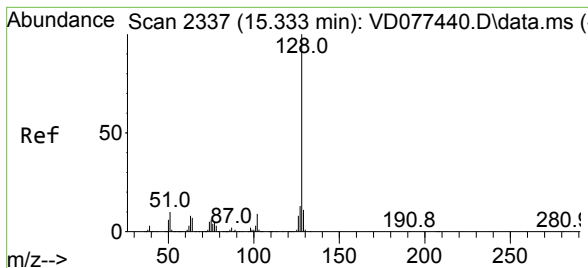
Ion Ratio Lower Upper

225 100

223 64.3 31.6 94.8

227 64.1 31.7 95.1





#95

Naphthalene

Concen: 50.977 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.005 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Instrument :

MSVOA_D

ClientSampleId :

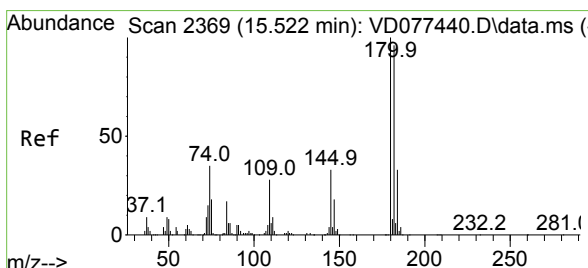
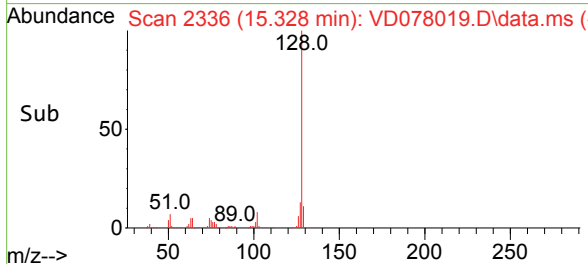
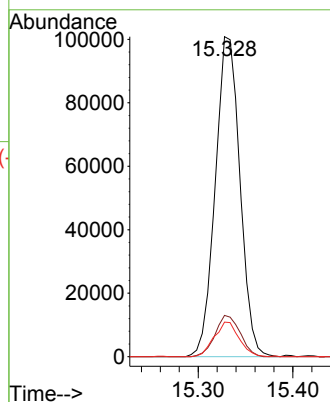
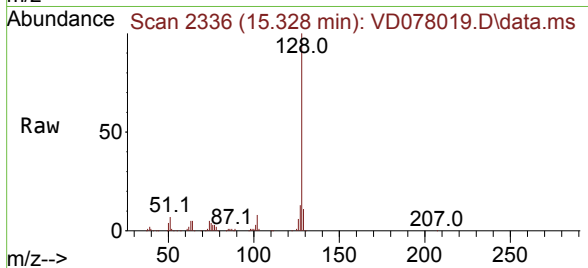
Tgt Ion:128 Resp: 182474

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.019 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078019.D

Acq: 21 Dec 2023 04:01

Tgt Ion:180 Resp: 87063

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 30.1 15.1 45.3

