

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
 Data File : VD069710.D
 Acq On : 15 Jul 2021 16:35
 Operator : VA/SY
 Sample : M3026-01RE
 Misc : 12.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 16 02:03:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

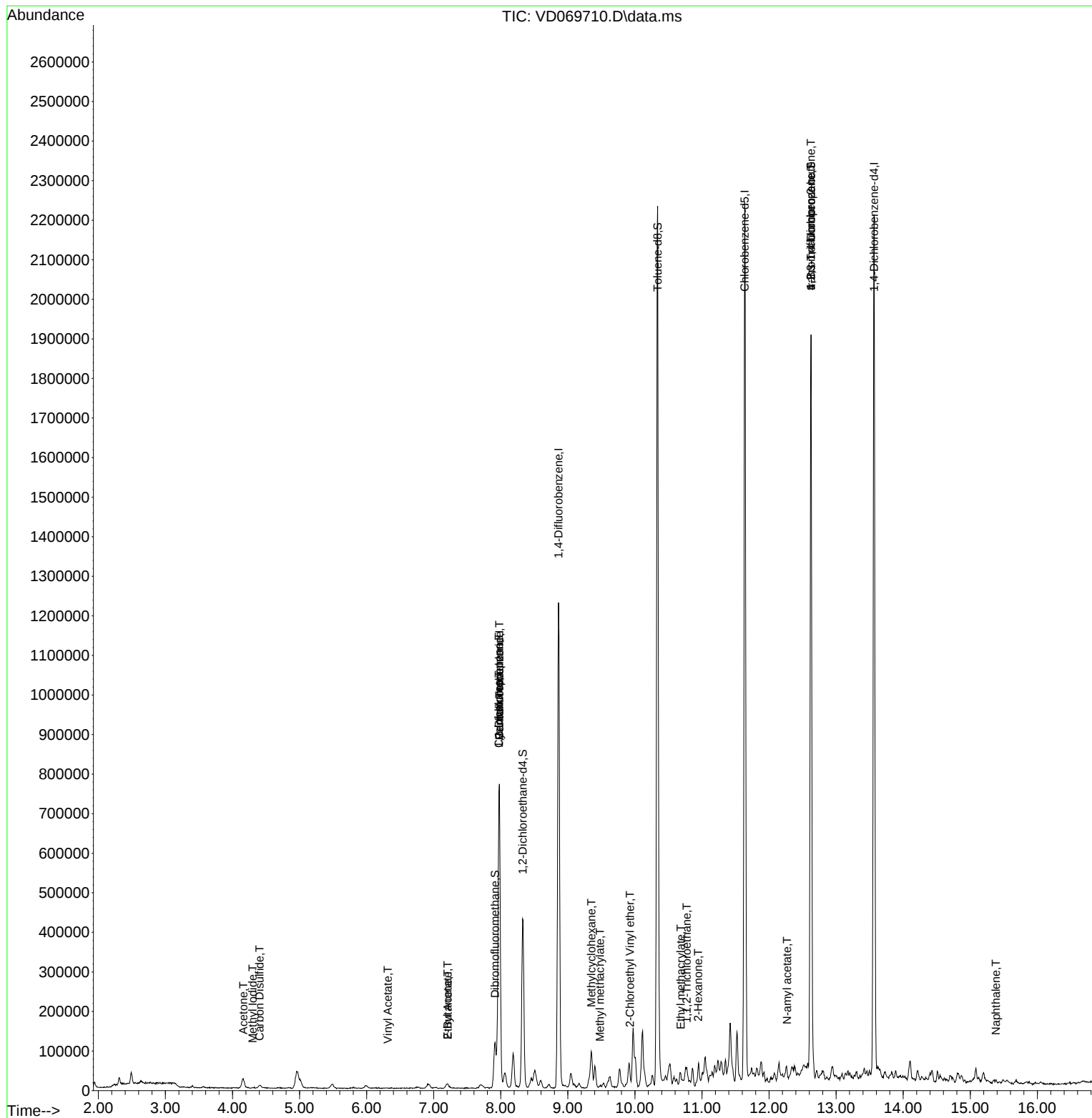
Internal Standards						
1) Pentafluorobenzene	7.979	168	514848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1031736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1266534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	559921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	342483	53.275	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.560%			
35) Dibromofluoromethane	7.914	113	87174	12.594	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 25.180%#			
50) Toluene-d8	10.338	98	1468936	54.626	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.260%			
62) 4-Bromofluorobenzene	12.626	95	612905	68.341	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 136.680%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.215	50	1250	Below Cal	#	45
5) Bromomethane	2.779	94	1615	Below Cal		87
10) Methyl Iodide	4.303	142	455	2.536	ug/l #	39
16) Acetone	4.161	43	43414	42.382	ug/l	98
17) Carbon Disulfide	4.403	76	14513	1.161	ug/l #	85
18) Methyl Acetate	4.820	43	149	Below Cal	#	49
20) Methylene Chloride	4.961	84	33253	Below Cal		92
23) Vinyl Acetate	6.314	43	73	15.431	ug/l #	72
25) 2-Butanone	7.208	43	9205	6.058	ug/l	95
31) Cyclohexane	7.973	56	30499	3.171	ug/l #	59
36) 1,1-Dichloropropene	7.973	75	46678	4.385	ug/l #	50
37) Ethyl Acetate	7.208	43	9205	2.286	ug/l #	78
38) Carbon Tetrachloride	7.979	117	57182	5.867	ug/l #	18
39) Methylcyclohexane	9.349	83	23287	3.718	ug/l #	71
48) Methyl methacrylate	9.479	41	982	1.353	ug/l #	25
55) 1,1,2-Trichloroethane	10.773	97	10358	1.880	ug/l #	20
56) Ethyl methacrylate	10.685	69	2981	2.074	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.926	63	184	9.417	ug/l #	49
59) 2-Hexanone	10.943	43	18373	7.219	ug/l #	28
74) N-amyl acetate	12.267	43	9981	1.152	ug/l #	73
76) 1,2,3-Trichloropropane	12.626	75	309909	56.974	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	309909	153.115	ug/l #	15
95) Naphthalene	15.384	128	3233	2.379	ug/l #	85

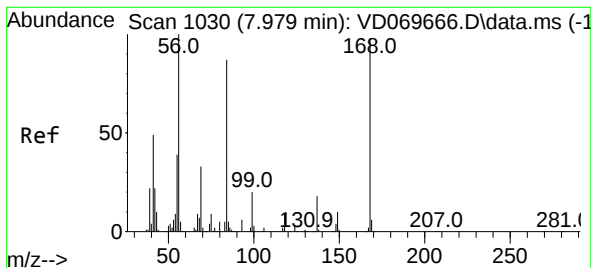
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
Data File : VD069710.D
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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Jul 16 02:03:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 14 06:00:31 2021
Response via : Initial Calibration

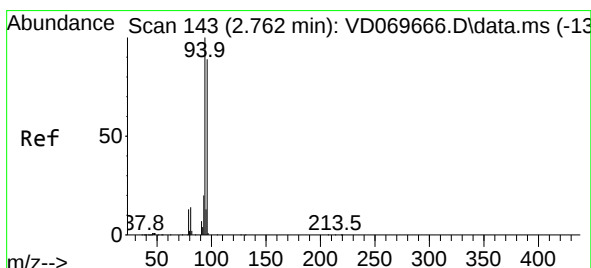
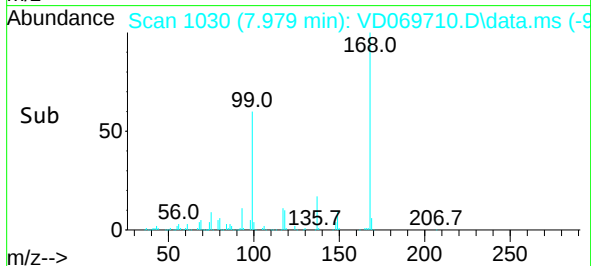
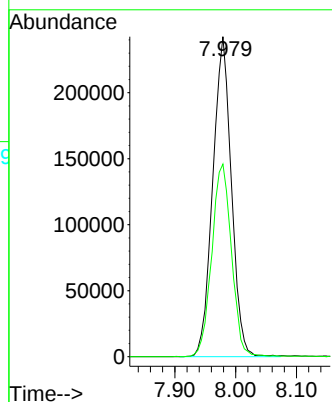
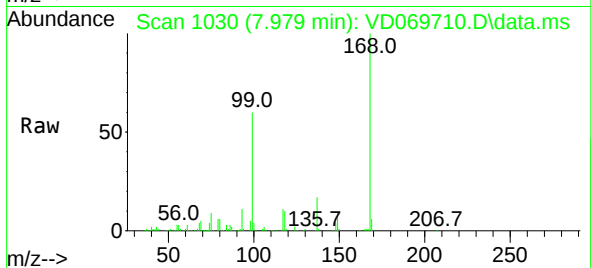




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

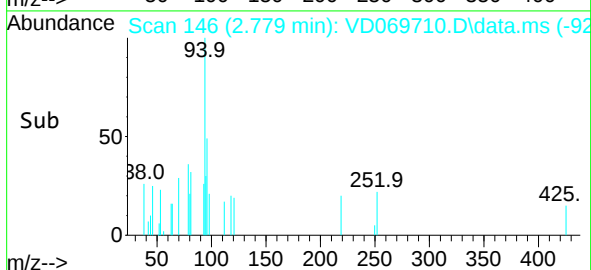
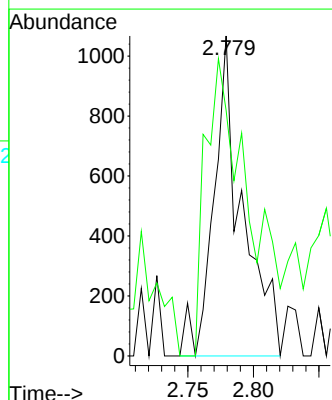
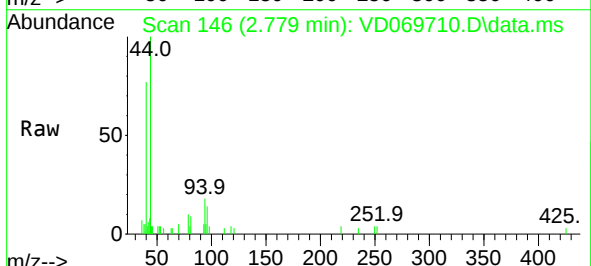
Instrument :
MSVOA_D
ClientSampleId :

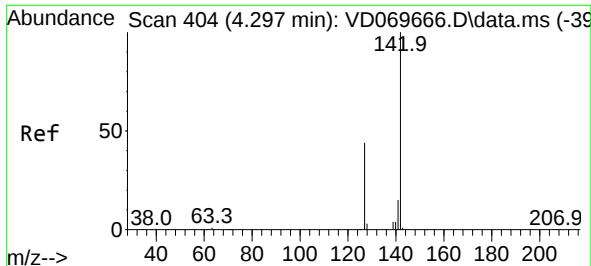
Tgt Ion:168 Resp: 514848
Ion Ratio Lower Upper
168 100
99 60.2 51.8 77.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

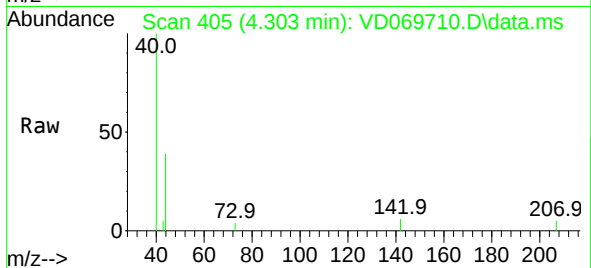
Tgt Ion: 94 Resp: 1615
Ion Ratio Lower Upper
94 100
96 76.8 71.2 106.8



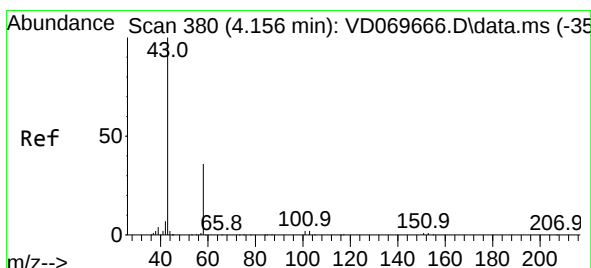
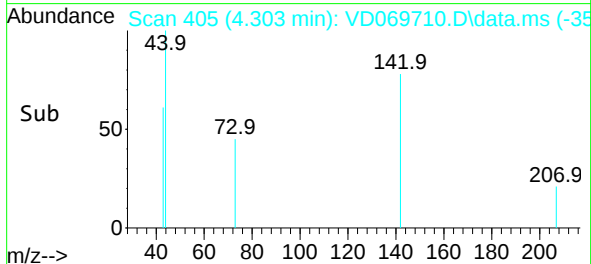
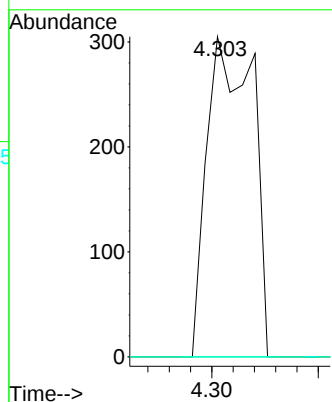


#10
Methyl Iodide
Concen: 2.536 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Instrument :
MSVOA_D
ClientSampleId :

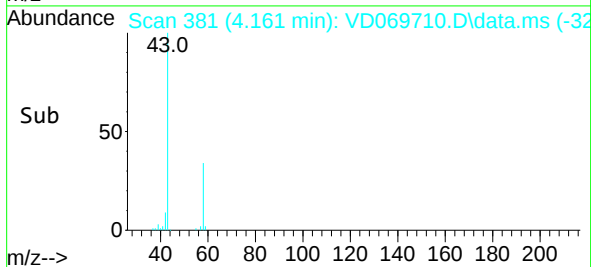
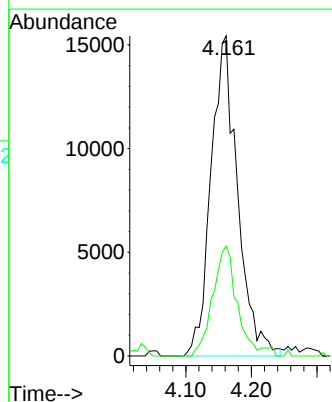
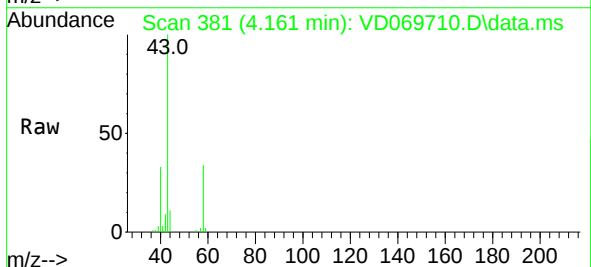


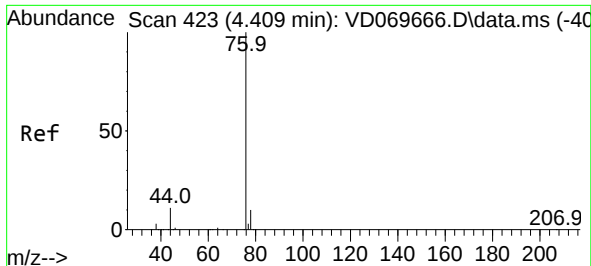
Tgt Ion:142 Resp: 455
Ion Ratio Lower Upper
142 100
127 0.0 36.1 54.1#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 42.382 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Tgt Ion: 43 Resp: 43414
Ion Ratio Lower Upper
43 100
58 34.3 28.6 42.8

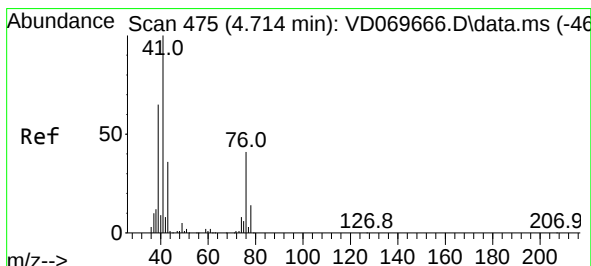
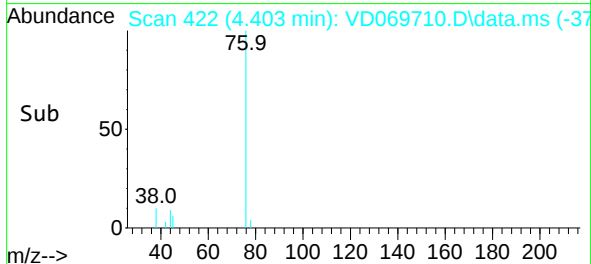
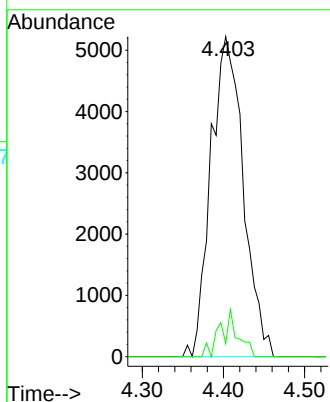
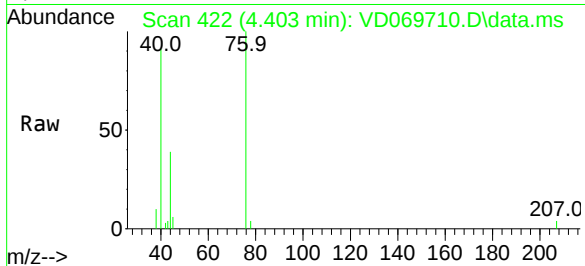




#17
Carbon Disulfide
Concen: 1.161 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

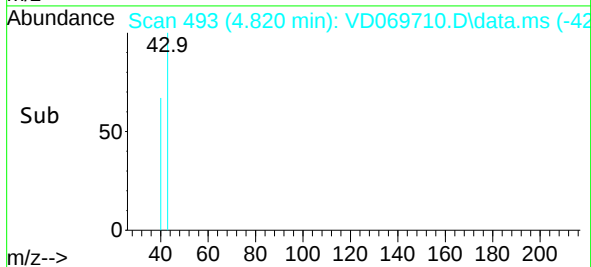
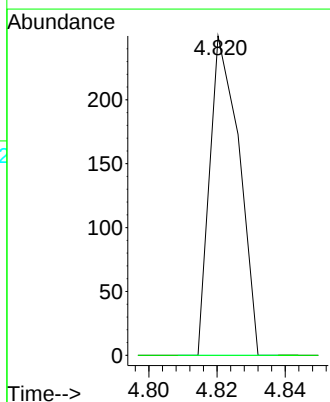
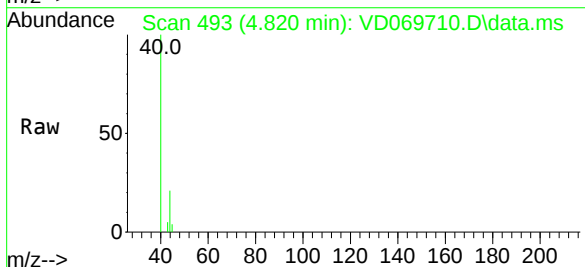
Instrument :
MSVOA_D
ClientSampleId :

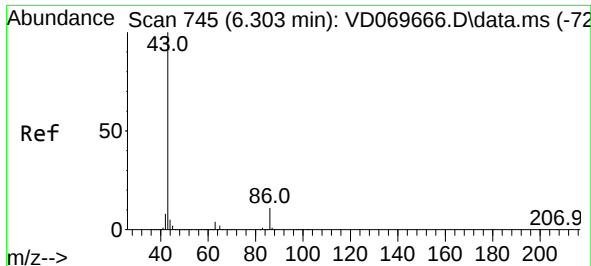
Tgt Ion: 76 Resp: 14513
Ion Ratio Lower Upper
76 100
78 4.1 7.6 11.4#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.820 min Scan# 493
Delta R.T. 0.106 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#

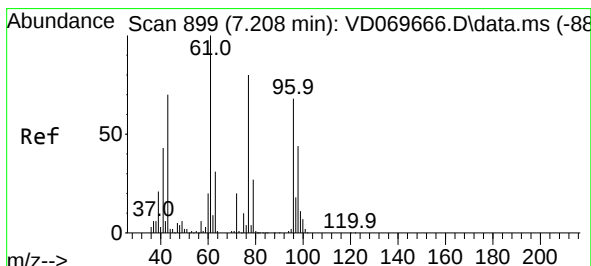
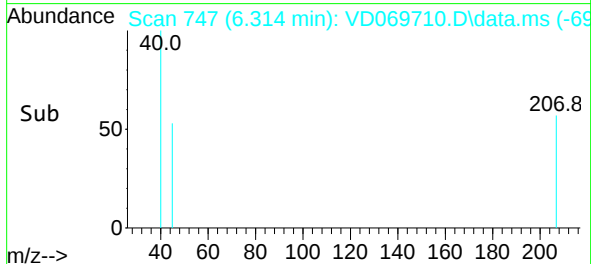
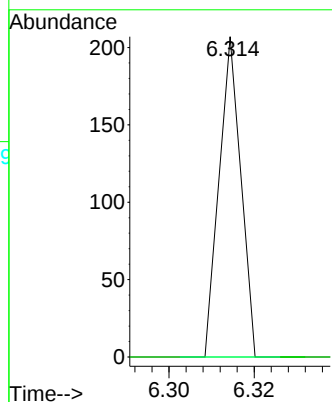
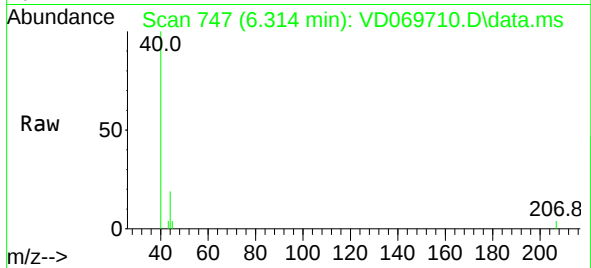




#23
 Vinyl Acetate
 Concen: 15.431 ug/l
 RT: 6.314 min Scan# 747
 Delta R.T. 0.011 min
 Lab File: VD069710.D
 Acq: 15 Jul 2021 16:35

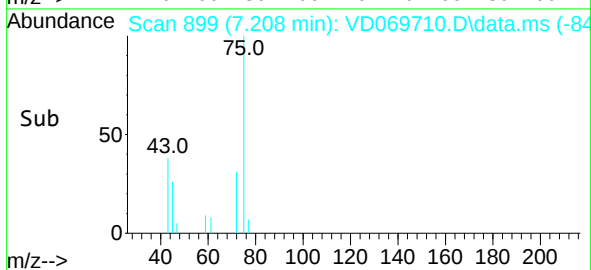
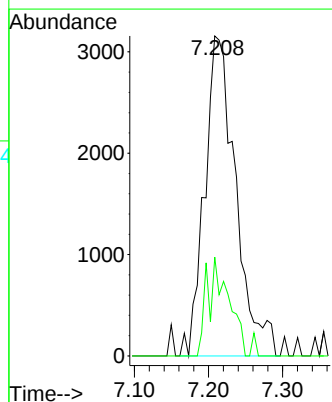
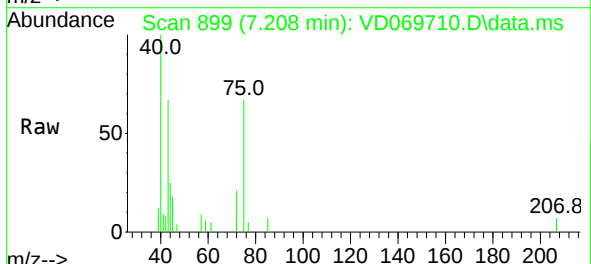
Instrument :
 MSVOA_D
 ClientSampled :

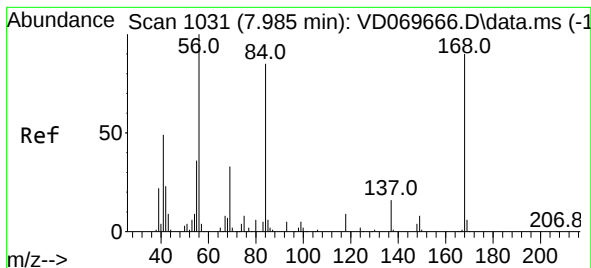
Tgt Ion: 43 Resp: 73
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#25
 2-Butanone
 Concen: 6.058 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD069710.D
 Acq: 15 Jul 2021 16:35

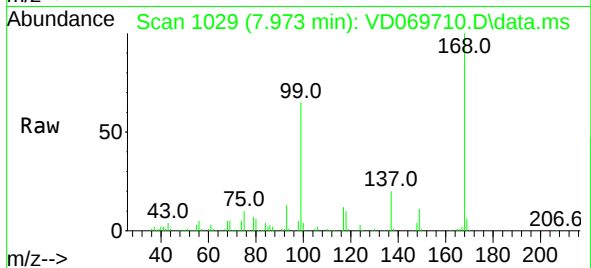
Tgt Ion: 43 Resp: 9205
 Ion Ratio Lower Upper
 43 100
 72 30.9 22.6 33.8



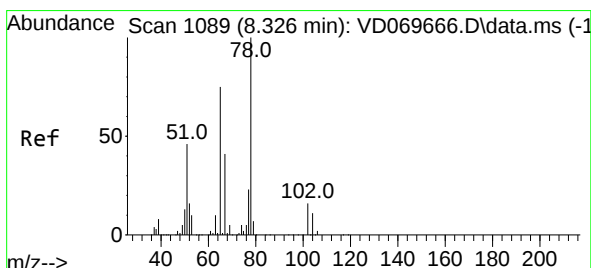
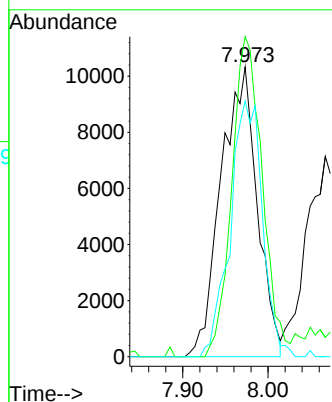
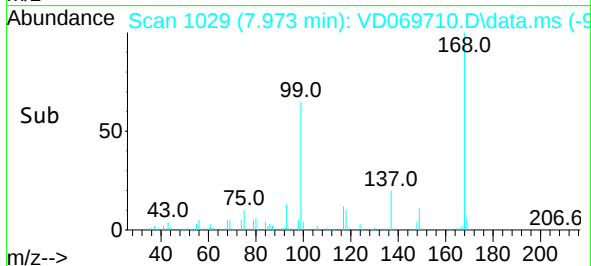


#31
Cyclohexane
Concen: 3.171 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

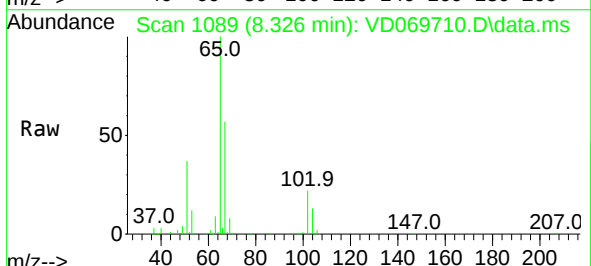
Instrument :
MSVOA_D
ClientSampleId :



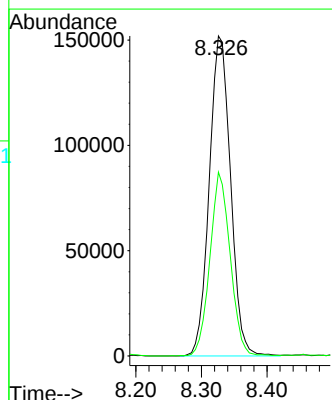
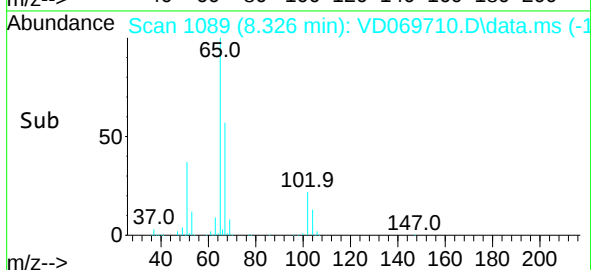
Tgt Ion: 56 Resp: 30499
Ion Ratio Lower Upper
56 100
69 110.4 26.6 39.8#
84 88.2 68.2 102.2

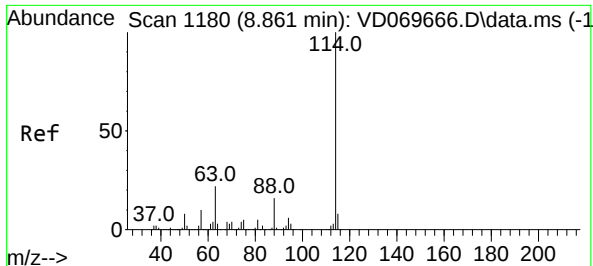


#33
1,2-Dichloroethane-d4
Concen: 53.275 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35



Tgt Ion: 65 Resp: 342483
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.2



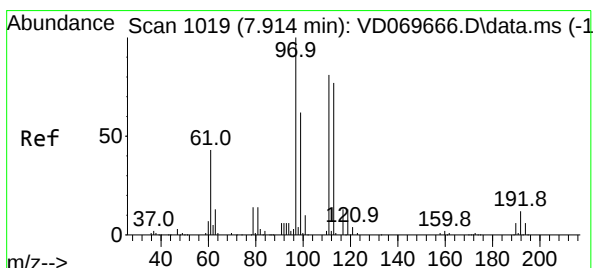
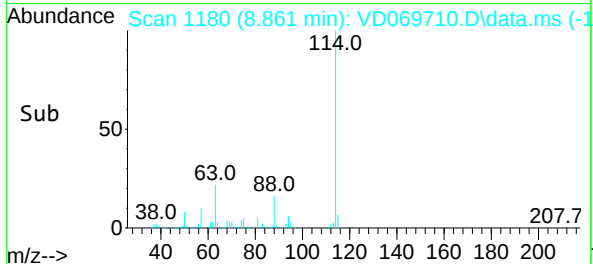
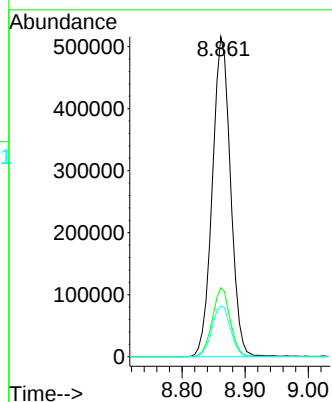
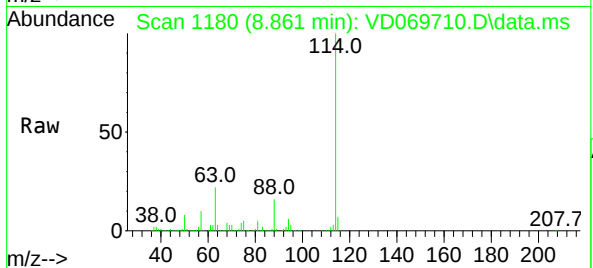


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Instrument :
MSVOA_D
ClientSampled :

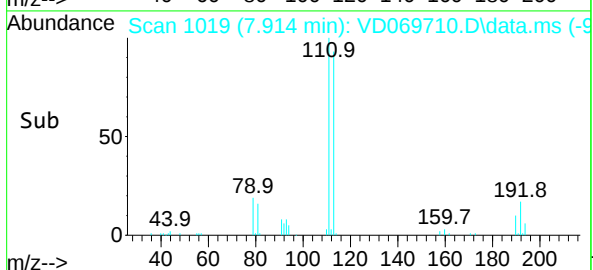
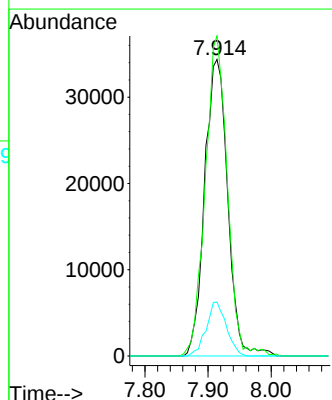
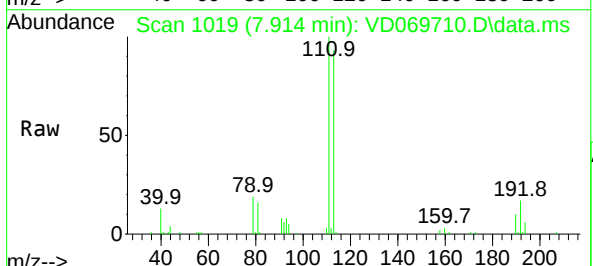
Tgt Ion:114 Resp: 1031736
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 15.9 0.0 32.0

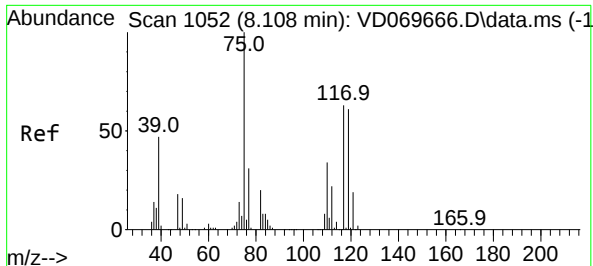


#35

Dibromofluoromethane
Concen: 12.594 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Tgt Ion:113 Resp: 87174
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 15.9 12.7 19.1

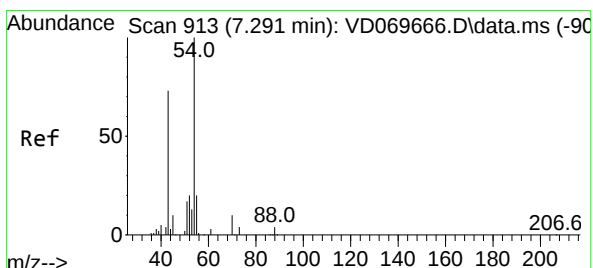
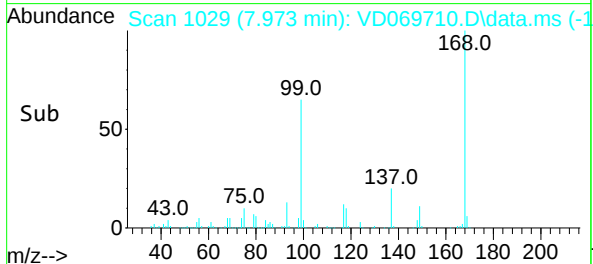
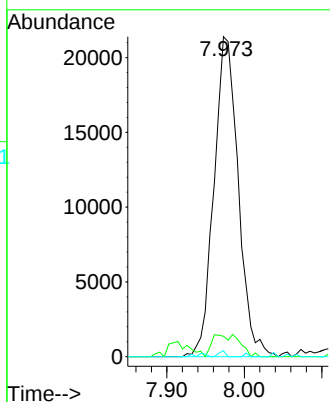
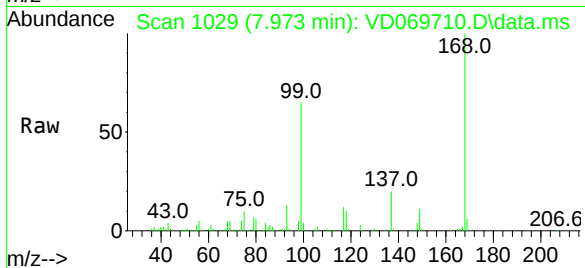




#36
1,1-Dichloropropene
Concen: 4.385 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

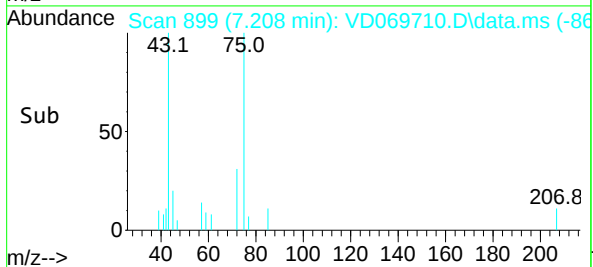
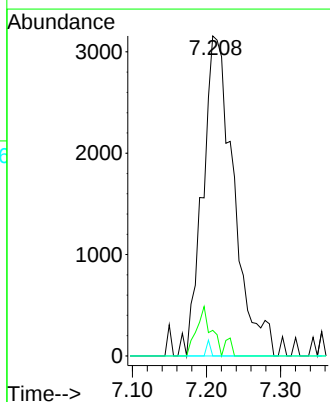
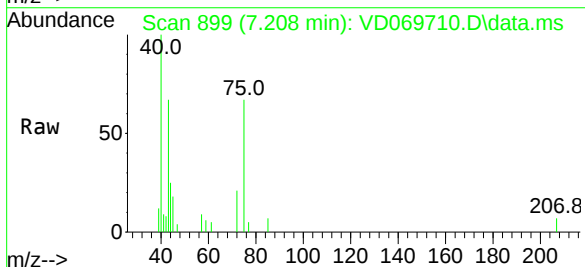
Instrument :
MSVOA_D
ClientSampleId :

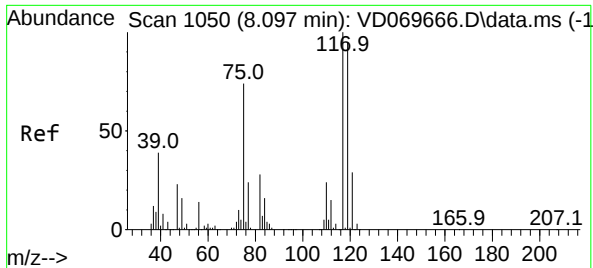
Tgt Ion: 75 Resp: 46678
Ion Ratio Lower Upper
75 100
110 7.8 16.7 50.0#
77 0.5 25.3 37.9#



#37
Ethyl Acetate
Concen: 2.286 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.083 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

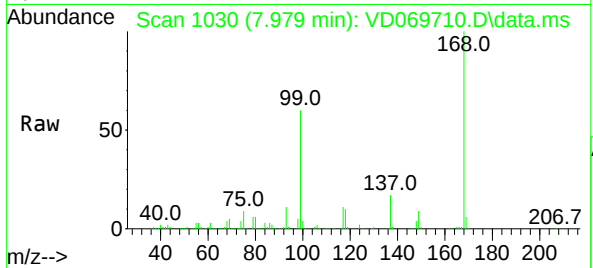
Tgt Ion: 43 Resp: 9205
Ion Ratio Lower Upper
43 100
61 7.3 12.1 18.1#
70 0.6 8.4 12.6#



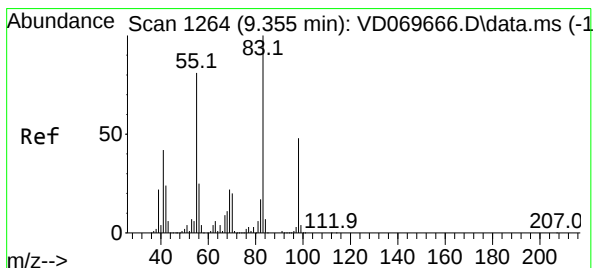
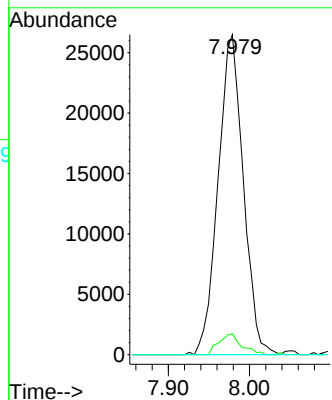
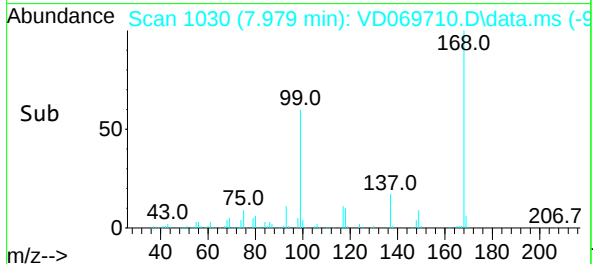


#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

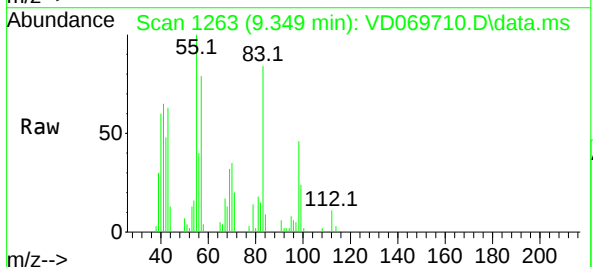
Instrument :
MSVOA_D
ClientSampleId :



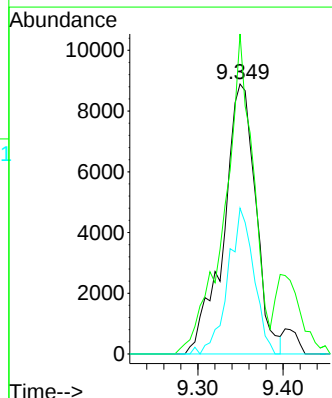
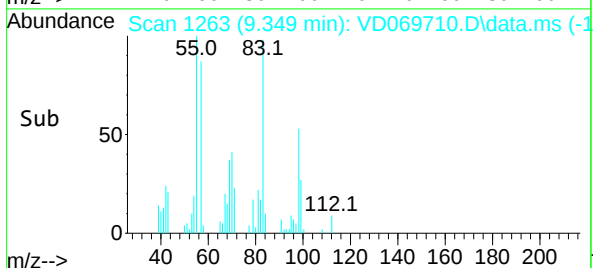
Tgt Ion:117 Resp: 57182
Ion Ratio Lower Upper
117 100
119 6.6 75.7 113.5#
121 0.0 23.0 34.6#

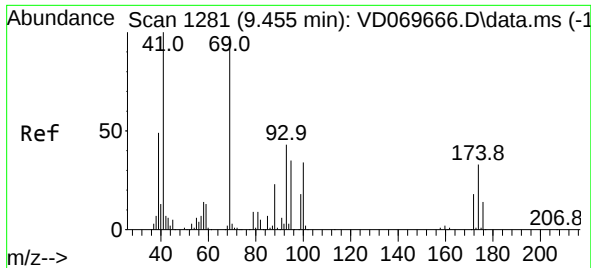


#39
Methylcyclohexane
Concen: 3.718 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35



Tgt Ion: 83 Resp: 23287
Ion Ratio Lower Upper
83 100
55 116.7 64.6 97.0#
98 54.0 38.4 57.6

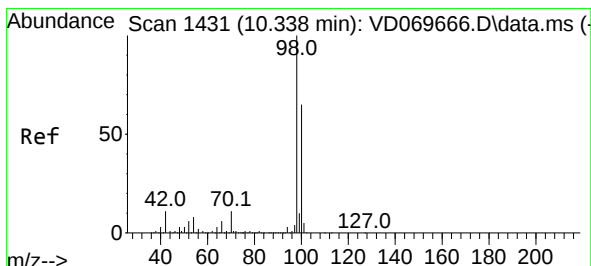
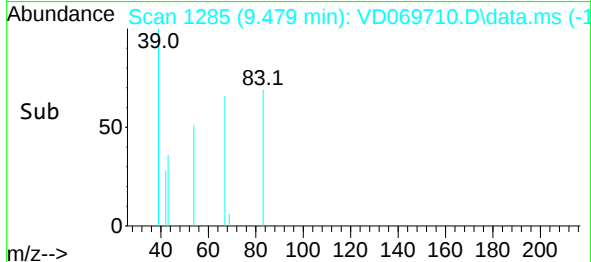
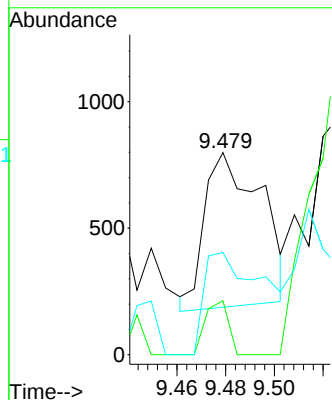
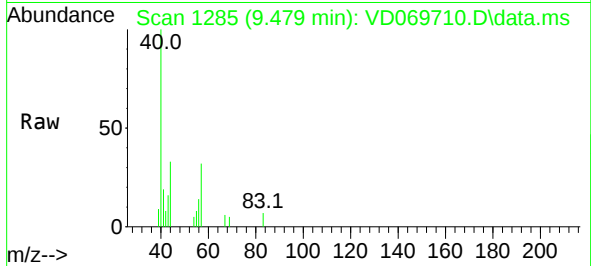




#48
Methyl methacrylate
Concen: 1.353 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.024 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

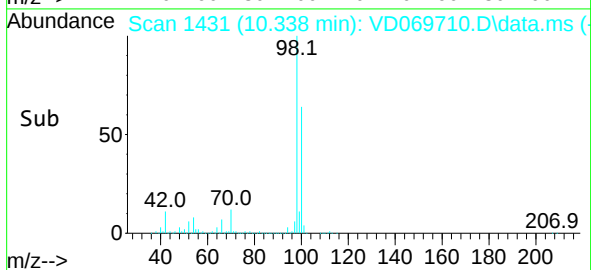
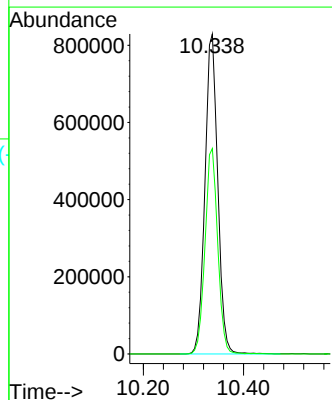
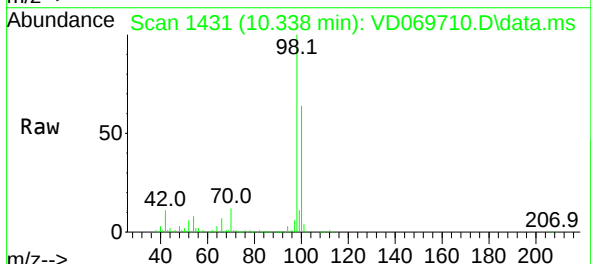
Instrument :
MSVOA_D
ClientSampleId :

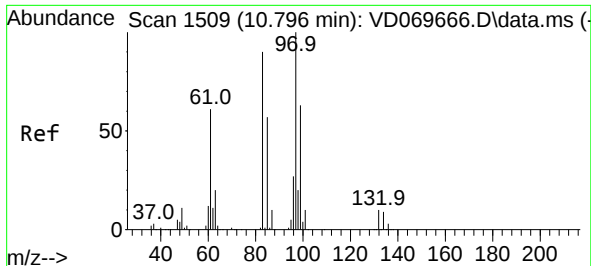
Tgt Ion: 41 Resp: 982
Ion Ratio Lower Upper
41 100
69 0.0 71.6 107.4#
39 70.0 36.7 55.1#



#50
Toluene-d8
Concen: 54.626 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Tgt Ion: 98 Resp: 1468936
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2

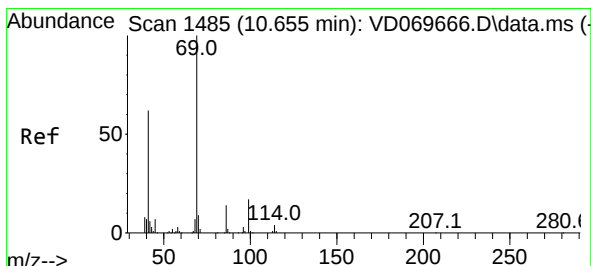
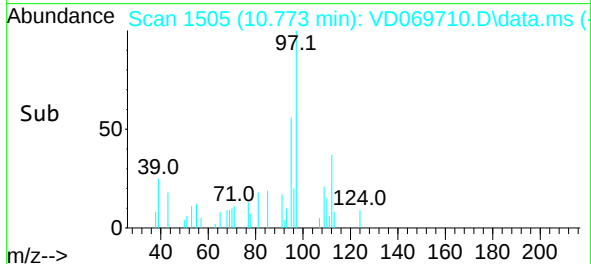
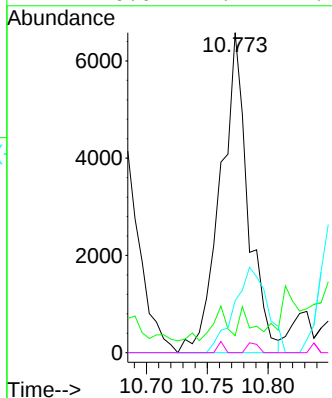
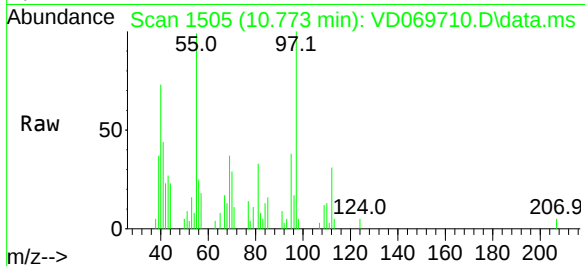




#55
1,1,2-Trichloroethane
Concen: 1.880 ug/l
RT: 10.773 min Scan# 1505
Delta R.T. -0.023 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

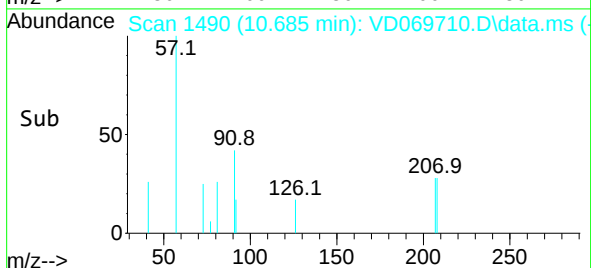
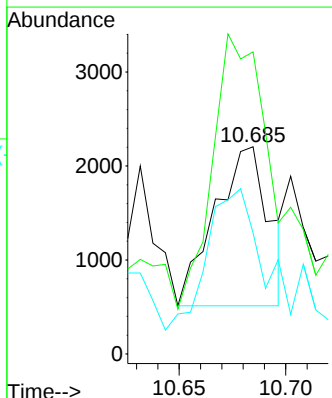
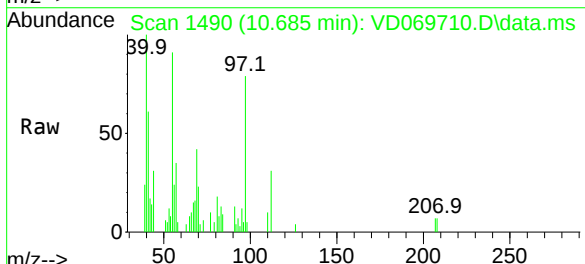
Instrument :
MSVOA_D
ClientSampleId :

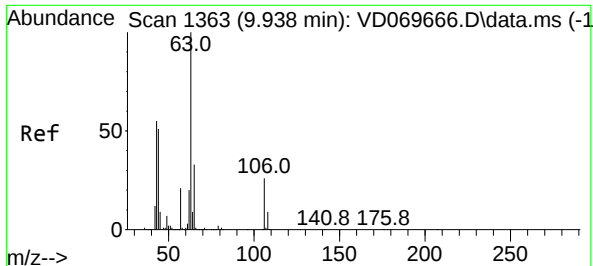
Tgt Ion: 97	Resp: 10358
Ion Ratio	Lower Upper
97 100	
83 1.6	72.3 108.5#
85 16.2	45.5 68.3#
99 0.0	49.9 74.9#



#56
Ethyl methacrylate
Concen: 2.074 ug/l
RT: 10.685 min Scan# 1490
Delta R.T. 0.030 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Tgt Ion: 69	Resp: 2981
Ion Ratio	Lower Upper
69 100	
41 213.7	49.5 74.3#
39 109.6	22.5 33.7#

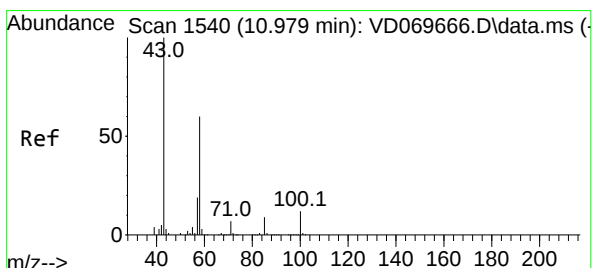
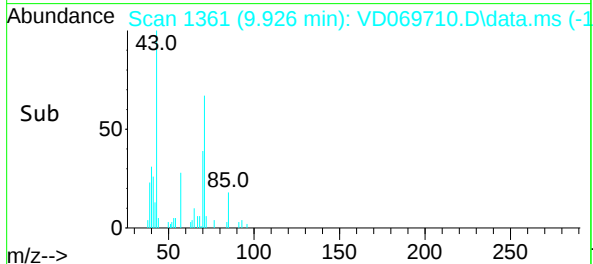
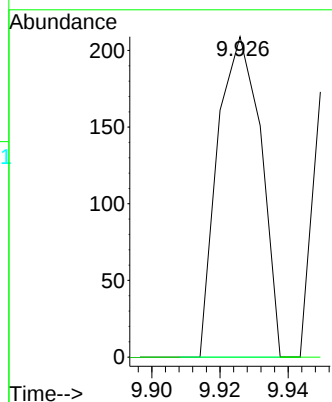
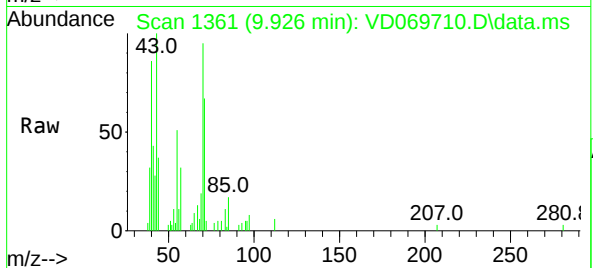




#58
2-Chloroethyl Vinyl ether
Concen: 9.417 ug/l
RT: 9.926 min Scan# 1361
Delta R.T. -0.012 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

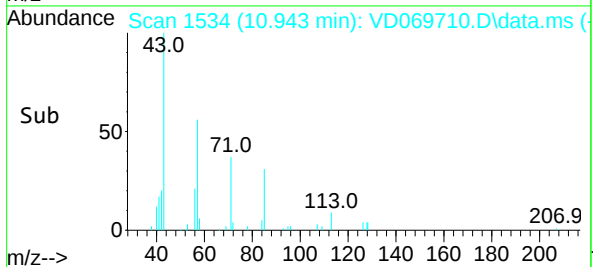
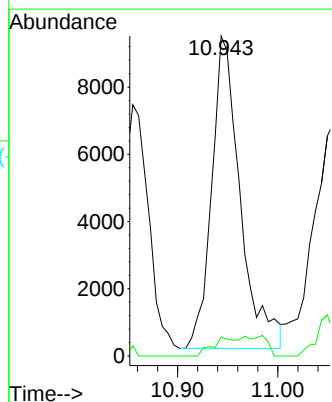
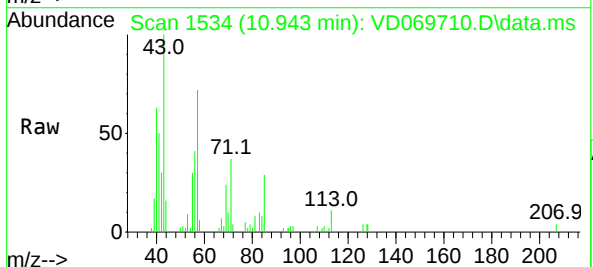
Instrument :
MSVOA_D
ClientSampled :

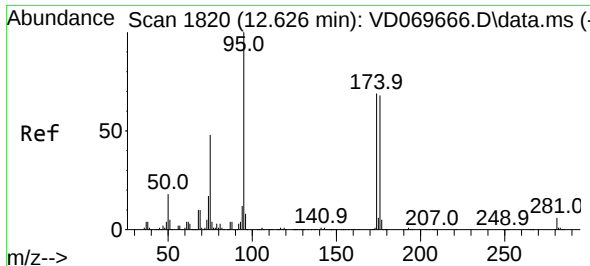
Tgt Ion: 63 Resp: 184
Ion Ratio Lower Upper
63 100
106 0.0 21.1 31.7#



#59
2-Hexanone
Concen: 7.219 ug/l
RT: 10.943 min Scan# 1534
Delta R.T. -0.036 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Tgt Ion: 43 Resp: 18373
Ion Ratio Lower Upper
43 100
58 4.4 29.1 87.4#

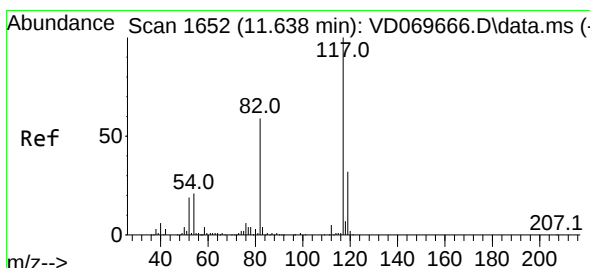
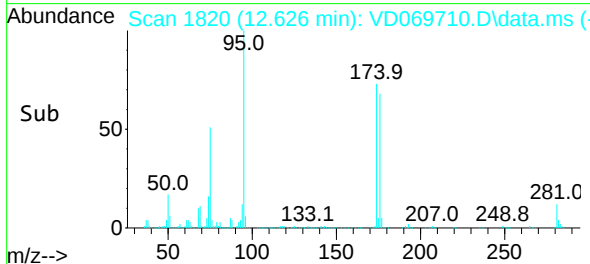
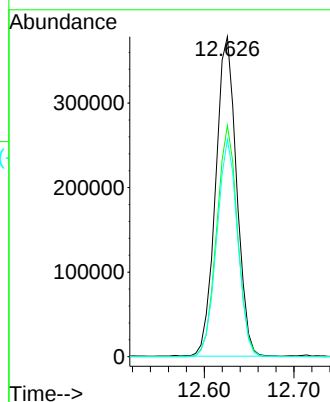
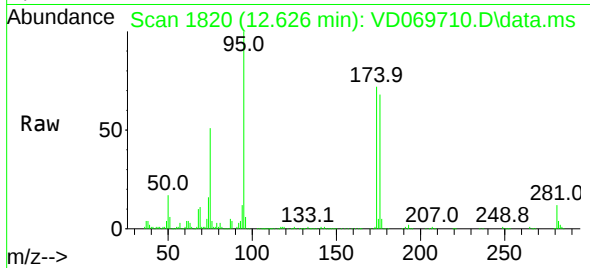




#62
4-Bromofluorobenzene
Concen: 68.341 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

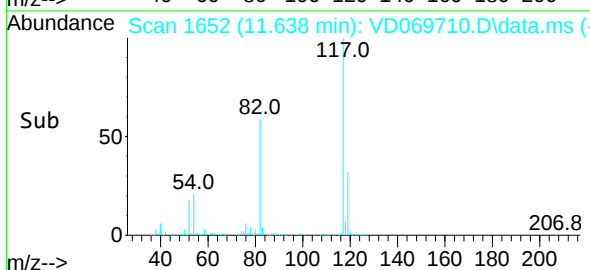
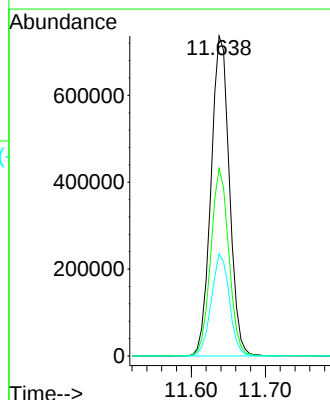
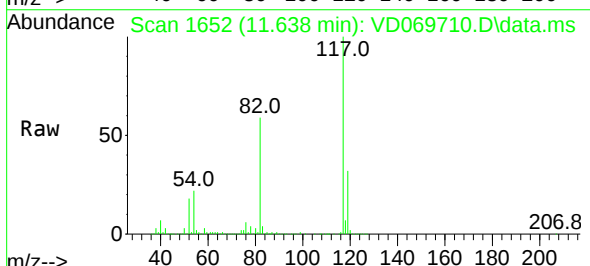
Instrument :
MSVOA_D
ClientSampleId :

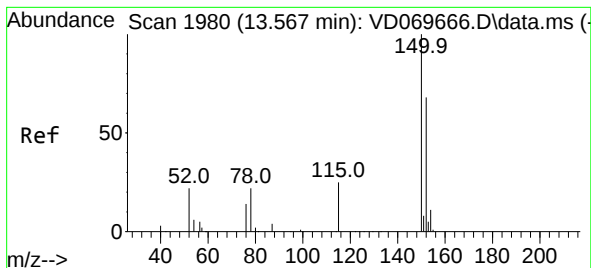
Tgt Ion: 95 Resp: 612905
Ion Ratio Lower Upper
95 100
174 71.7 0.0 140.0
176 67.7 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Tgt Ion: 117 Resp: 1266534
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.0 25.5 38.3

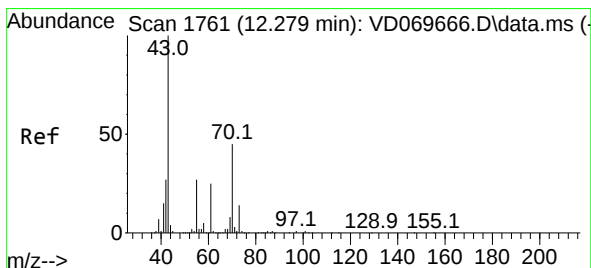
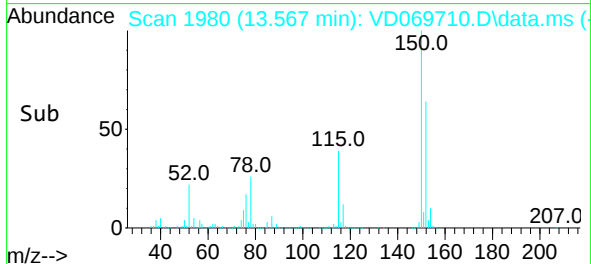
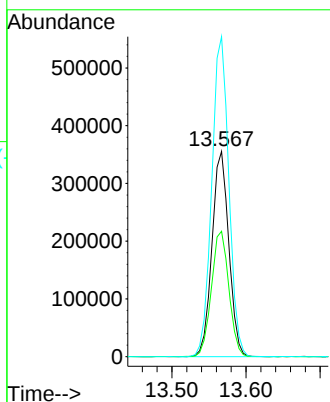
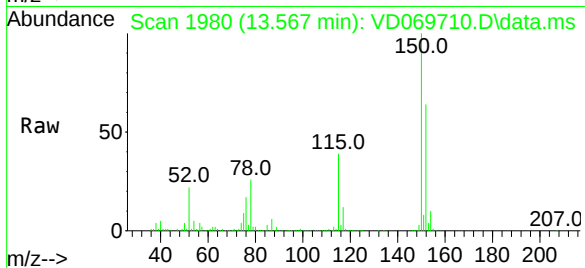




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

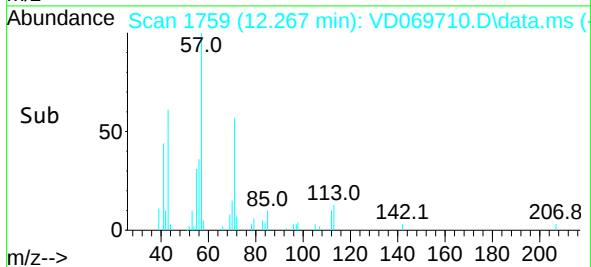
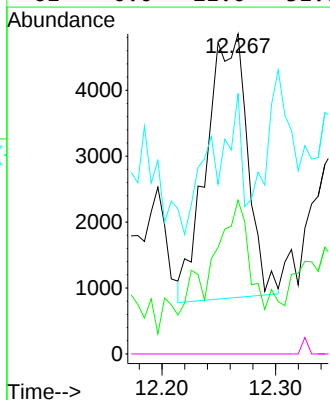
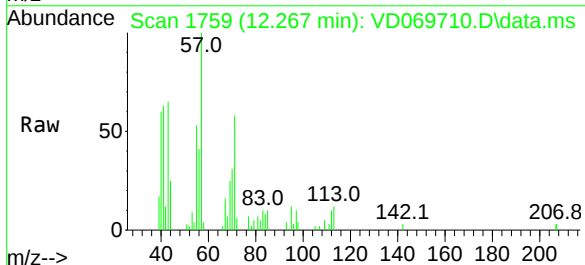
Instrument :
MSVOA_D
ClientSampleId :

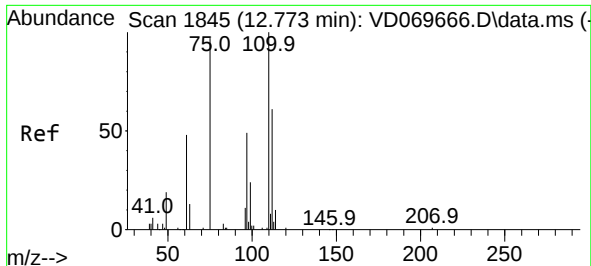
Tgt Ion:152 Resp: 559921
Ion Ratio Lower Upper
152 100
115 63.4 31.7 95.1
150 158.1 0.0 350.4



#74
N-ethyl acetate
Concen: 1.152 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Tgt Ion: 43 Resp: 9981
Ion Ratio Lower Upper
43 100
70 54.4 36.9 55.3
55 13.8 22.4 33.6#
61 0.0 21.0 31.6#

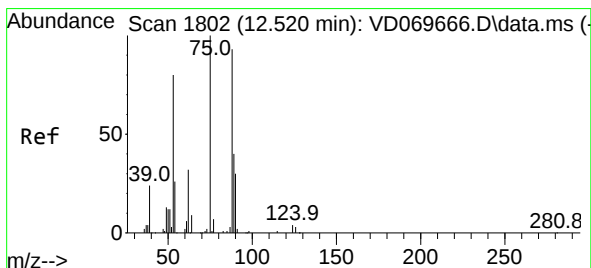
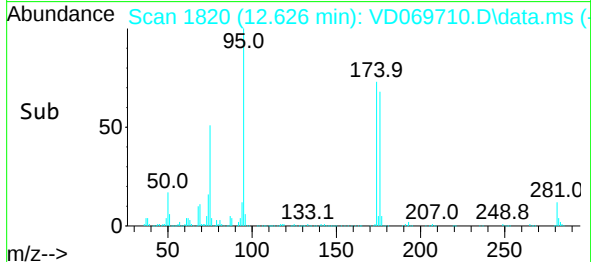
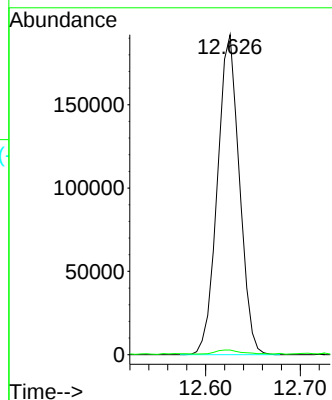
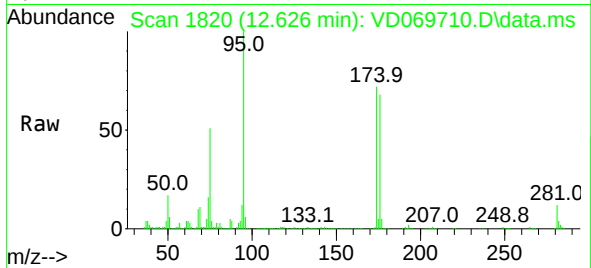




#76
1,2,3-Trichloropropane
Concen: 56.974 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

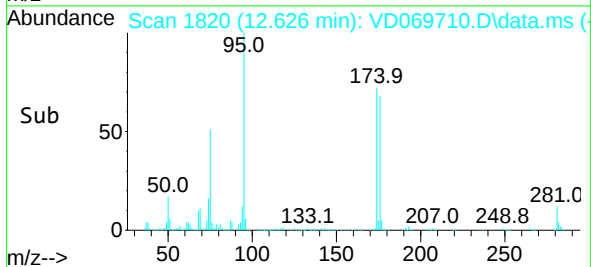
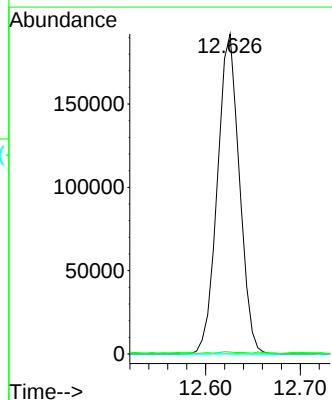
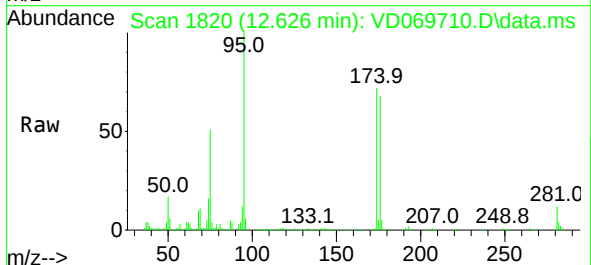
Instrument :
MSVOA_D
ClientSampleId :

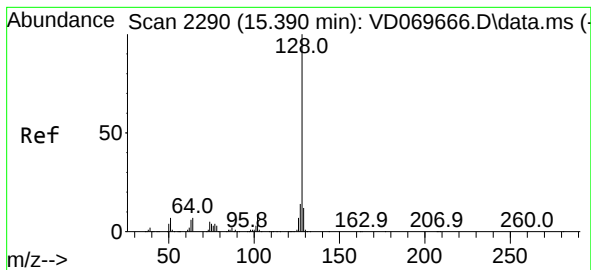
Tgt Ion: 75 Resp: 309909
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.115 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

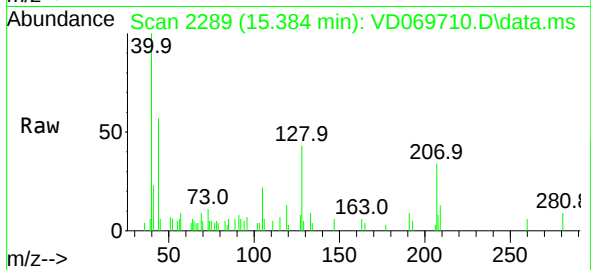
Tgt Ion: 75 Resp: 309909
Ion Ratio Lower Upper
75 100
53 0.4 70.6 106.0#
89 0.2 35.1 52.7#





#95
Naphthalene
Concen: 2.379 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.006 min
Lab File: VD069710.D
Acq: 15 Jul 2021 16:35

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 3233
Ion Ratio Lower Upper
128 100
127 4.2 10.6 16.0#
129 8.6 8.8 13.2#

