

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072921\
 Data File : VD069912.D
 Acq On : 29 Jul 2021 15:31
 Operator : VA/SY
 Sample : M3210-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 30 00:56:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

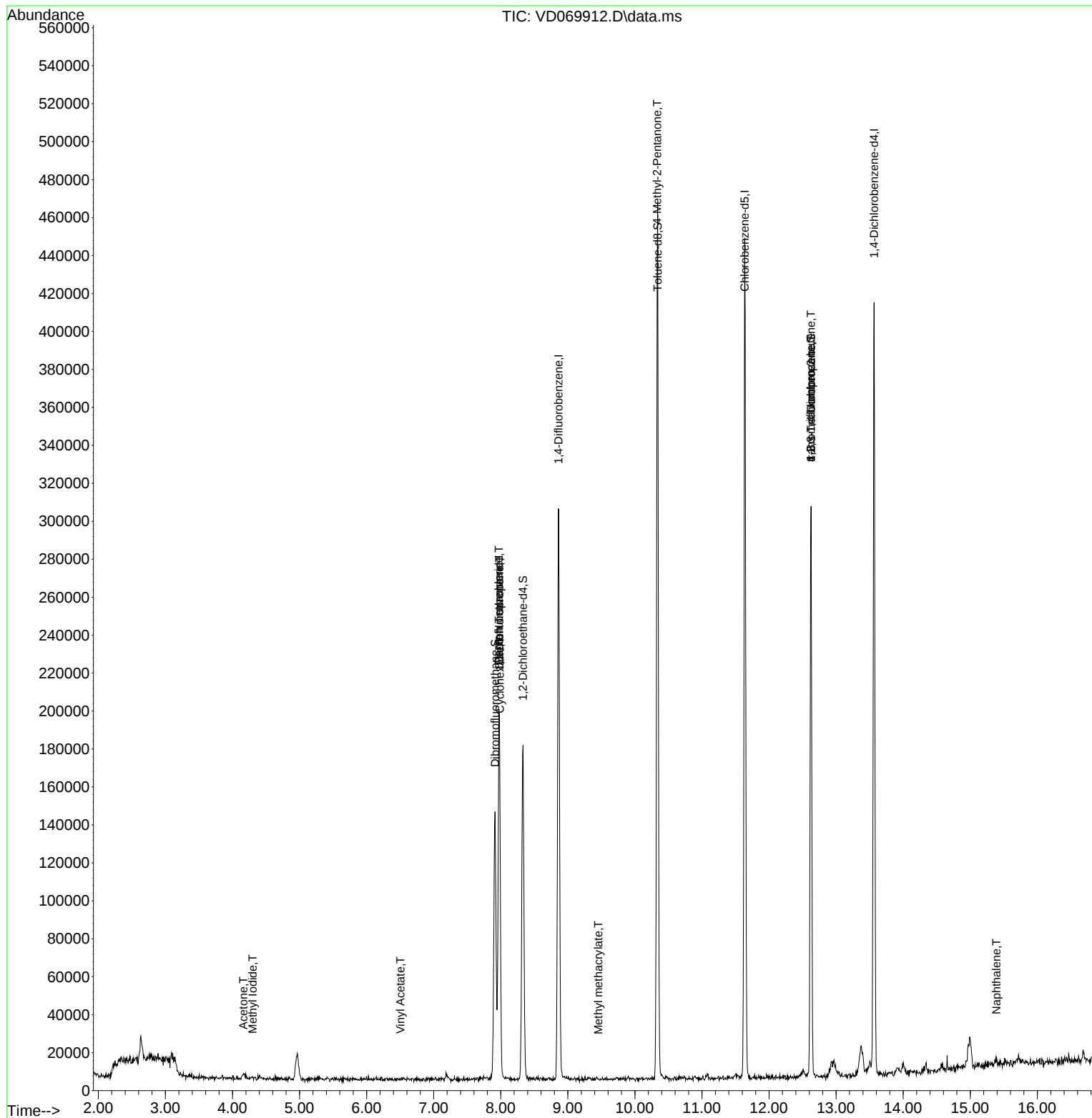
Internal Standards						
1) Pentafluorobenzene	7.973	168	135750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	249918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	258581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	112032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	136051	87.143	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 174.280%#			
35) Dibromofluoromethane	7.914	113	100681	63.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.800%			
50) Toluene-d8	10.337	98	320163	52.702	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.400%			
62) 4-Bromofluorobenzene	12.625	95	104857	51.647	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.300%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.302	142	795	3.901	ug/l #	50
16) Acetone	4.161	43	5117	18.143	ug/l #	61
20) Methylene Chloride	4.961	84	10554	Below Cal	#	74
23) Vinyl Acetate	6.502	43	63	20.370	ug/l #	71
31) Cyclohexane	7.985	56	3501	1.148	ug/l #	17
36) 1,1-Dichloropropene	7.979	75	12331	4.572	ug/l #	48
38) Carbon Tetrachloride	7.973	117	15061	6.113	ug/l #	19
48) Methyl methacrylate	9.455	41	80	2.827	ug/l #	13
51) 4-Methyl-2-Pentanone	10.331	43	1803	1.968	ug/l #	1
76) 1,2,3-Trichloropropane	12.625	75	50308	42.247	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.625	75	50308	128.165	ug/l #	16
95) Naphthalene	15.390	128	1510	5.370	ug/l #	76

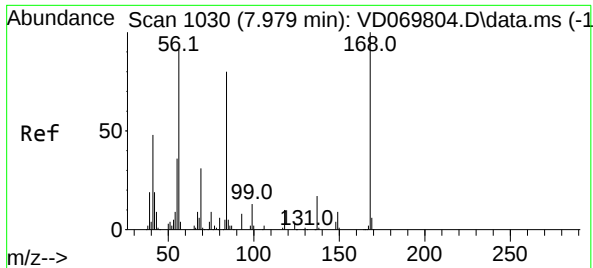
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampled :

Quant Time: Jul 30 00:56:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

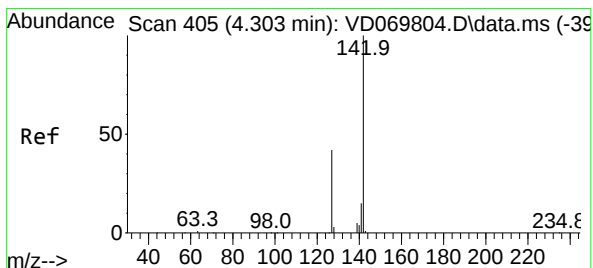
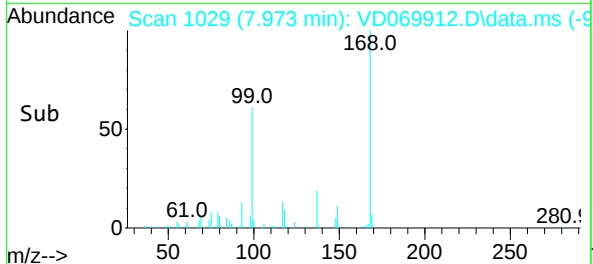
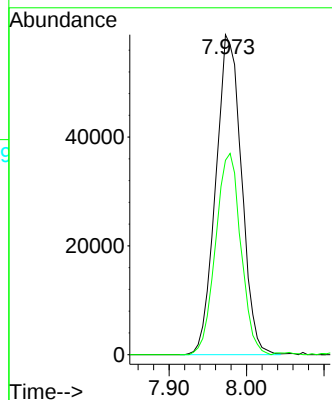
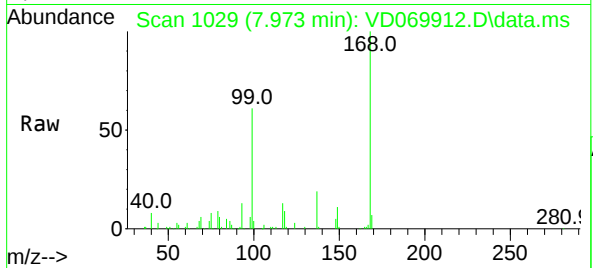




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

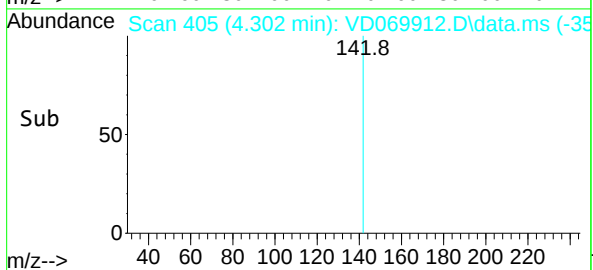
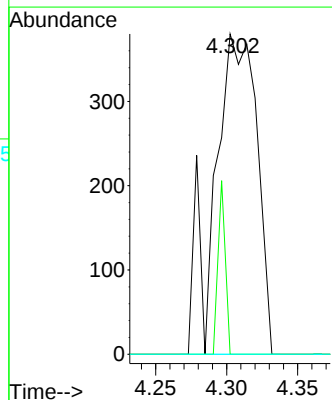
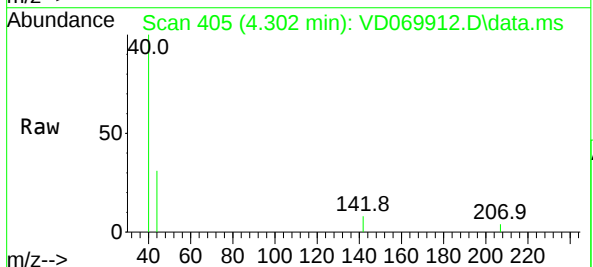
Instrument :
MSVOA_D
ClientSampled :

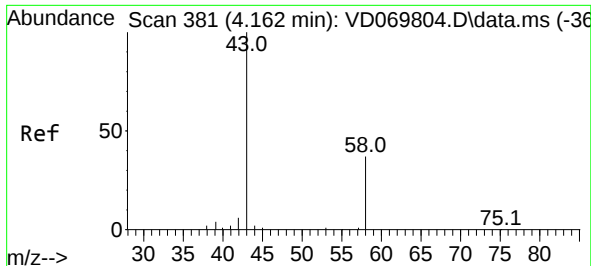
Tgt Ion:168 Resp: 135750
Ion Ratio Lower Upper
168 100
99 60.8 51.1 76.7



#10
Methyl Iodide
Concen: 3.901 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Tgt Ion:142 Resp: 795
Ion Ratio Lower Upper
142 100
127 9.2 35.7 53.5#
141 0.0 12.0 18.0#

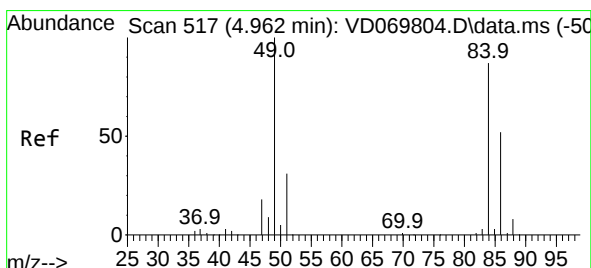
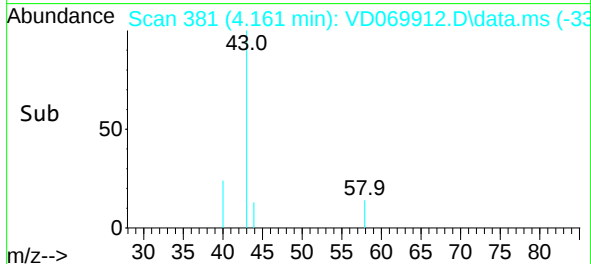
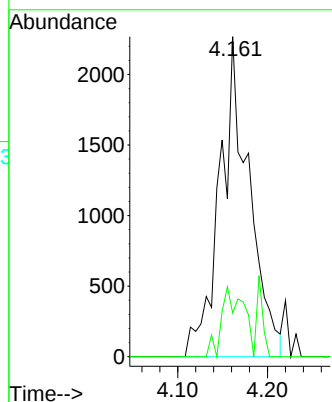
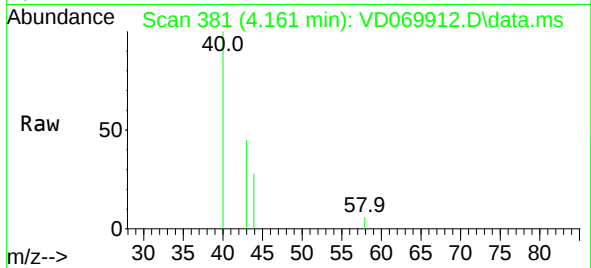




#16
Acetone
Concen: 18.143 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

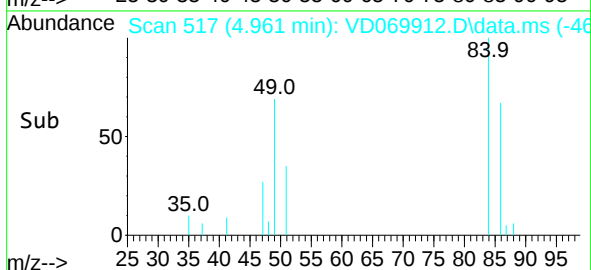
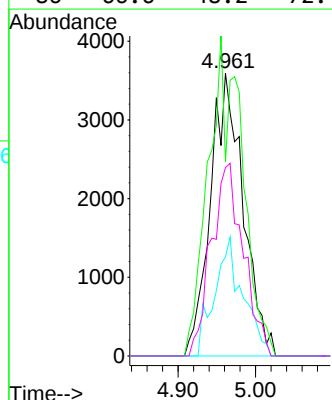
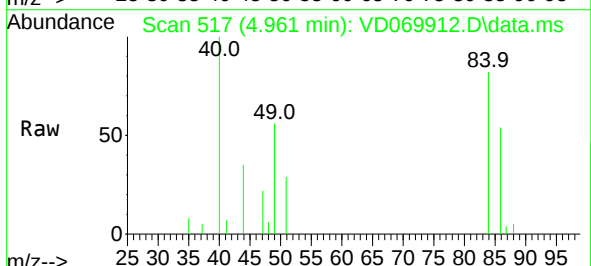
Instrument :
MSVOA_D
ClientSampleId :

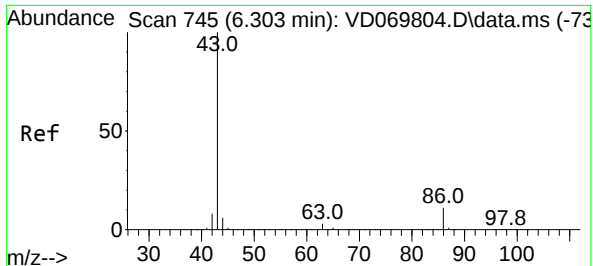
Tgt Ion: 43 Resp: 5117
Ion Ratio Lower Upper
43 100
58 13.7 29.4 44.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Tgt Ion: 84 Resp: 10554
Ion Ratio Lower Upper
84 100
49 68.7 92.4 138.6#
51 35.0 28.5 42.7
86 66.6 48.2 72.4

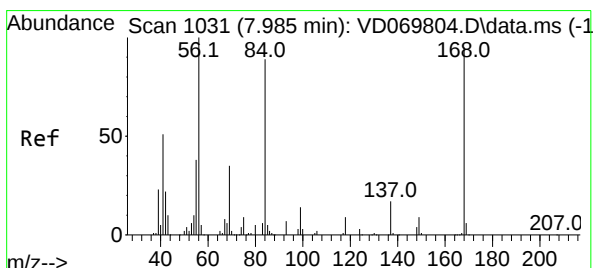
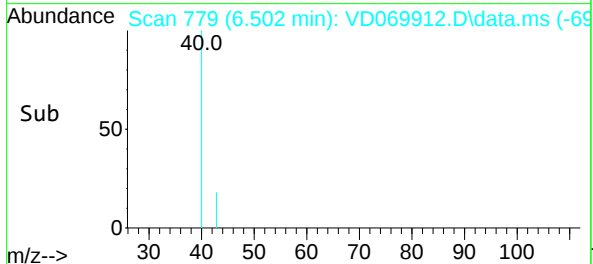
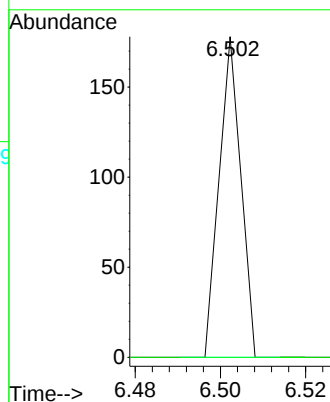
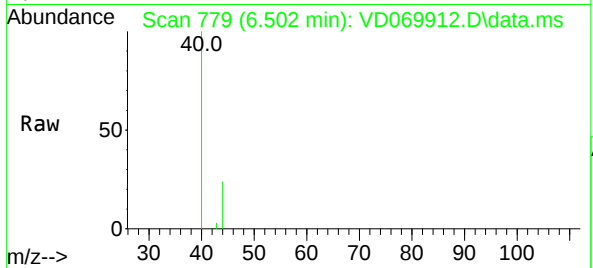




#23
 Vinyl Acetate
 Concen: 20.370 ug/l
 RT: 6.502 min Scan# 779
 Delta R.T. 0.199 min
 Lab File: VD069912.D
 Acq: 29 Jul 2021 15:31

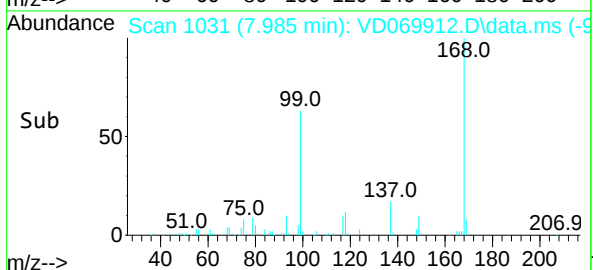
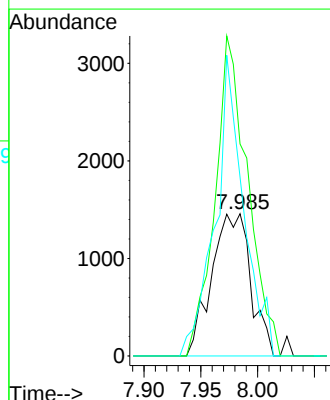
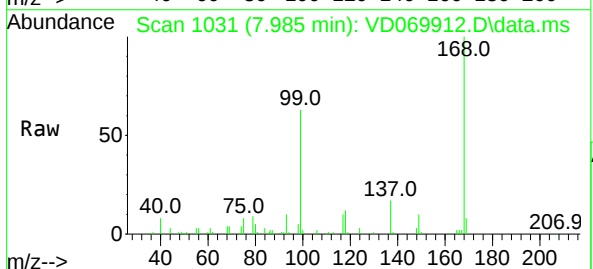
Instrument :
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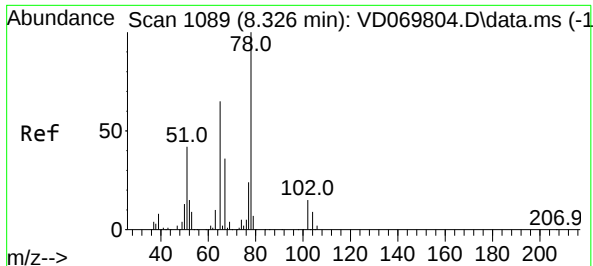
Tgt Ion: 43 Resp: 63
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#31
 Cyclohexane
 Concen: 1.148 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.000 min
 Lab File: VD069912.D
 Acq: 29 Jul 2021 15:31

Tgt Ion: 56 Resp: 3501
 Ion Ratio Lower Upper
 56 100
 69 149.0 27.9 41.9#
 84 125.8 71.4 107.2#

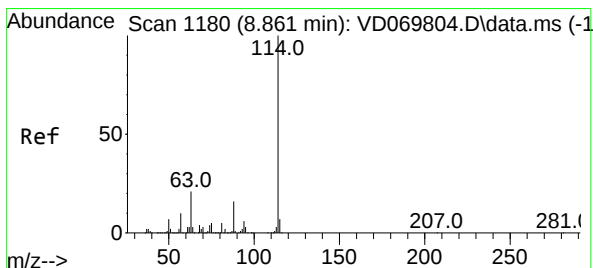
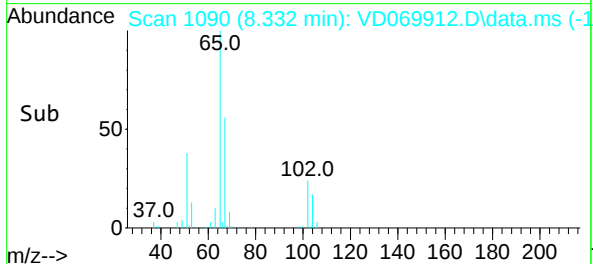
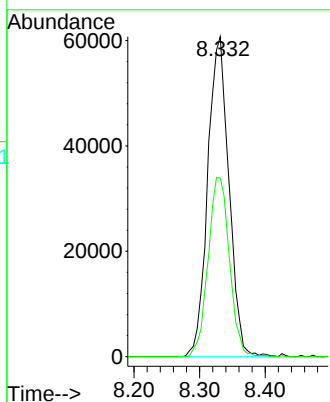
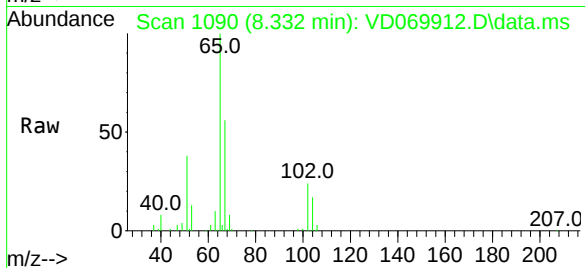




#33
1,2-Dichloroethane-d4
Concen: 87.143 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

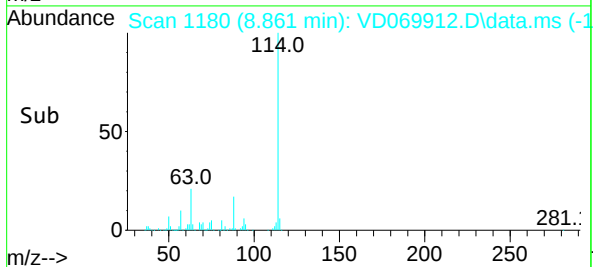
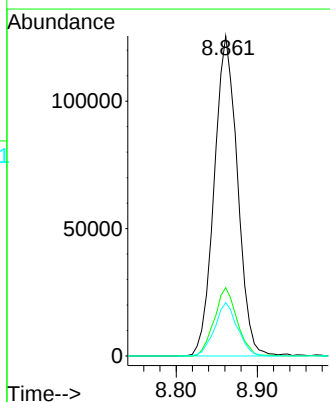
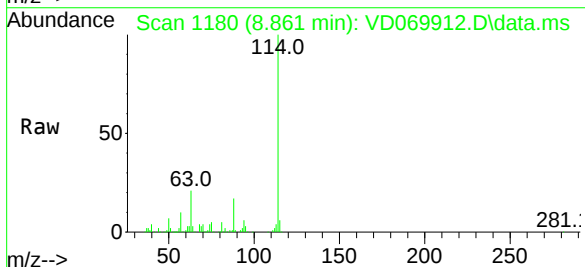
Instrument :
MSVOA_D
ClientSampleId :

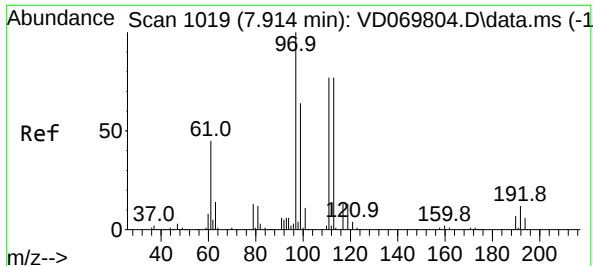
Tgt Ion: 65 Resp: 136051
Ion Ratio Lower Upper
65 100
67 56.5 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Tgt Ion: 114 Resp: 249918
Ion Ratio Lower Upper
114 100
63 21.4 0.0 41.6
88 16.7 0.0 31.4



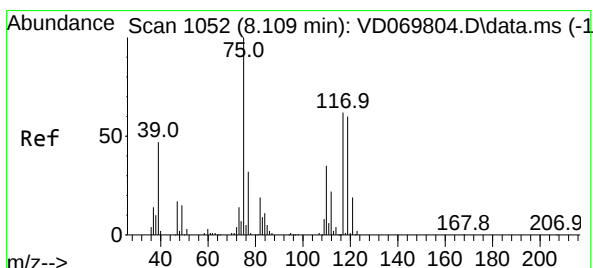
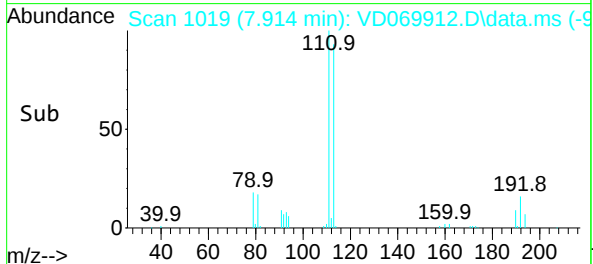
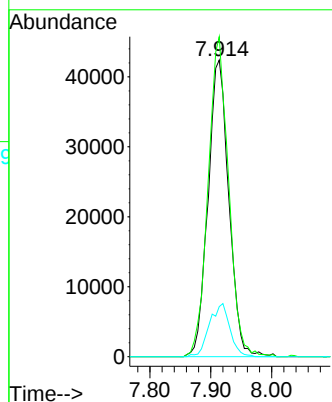
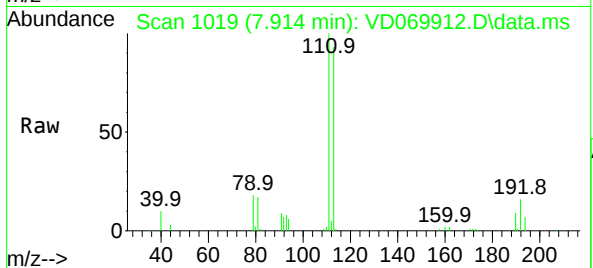


#35

Dibromofluoromethane
Concen: 63.905 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Instrument :
MSVOA_D
ClientSampleId :

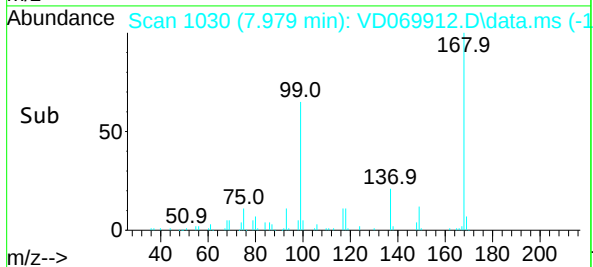
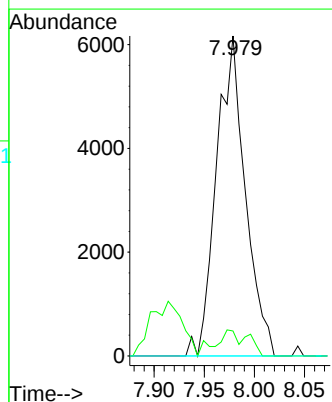
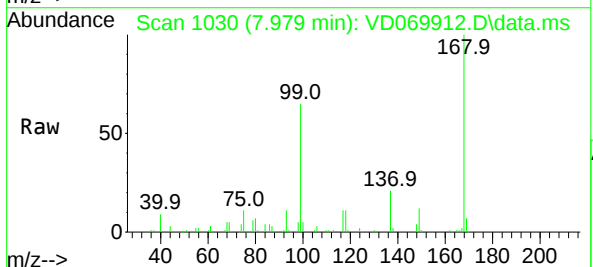
Tgt Ion:113 Resp: 100681
Ion Ratio Lower Upper
113 100
111 106.1 80.5 120.7
192 17.6 12.6 19.0

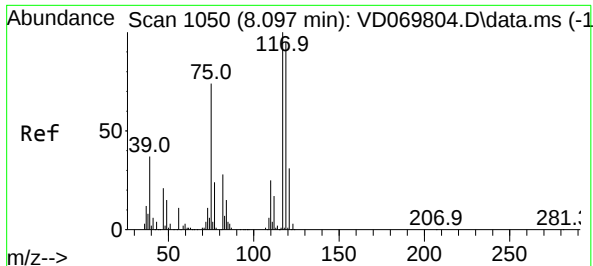


#36

1,1-Dichloropropene
Concen: 4.572 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

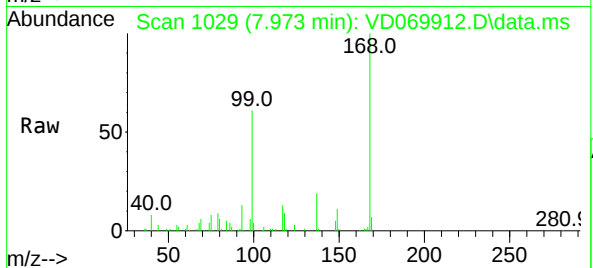
Tgt Ion: 75 Resp: 12331
Ion Ratio Lower Upper
75 100
110 6.1 16.9 50.7#
77 0.0 24.9 37.3#



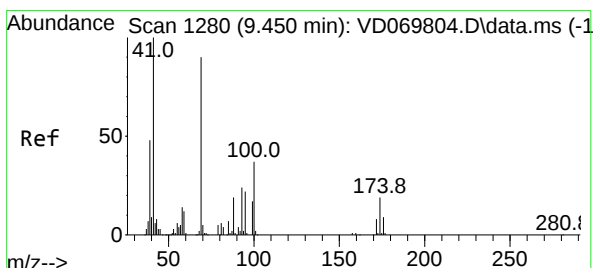
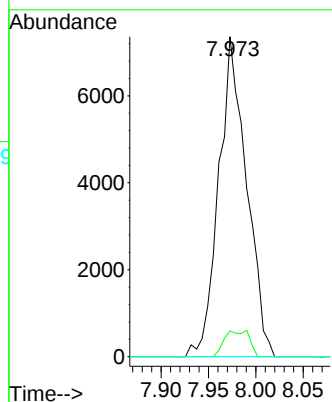
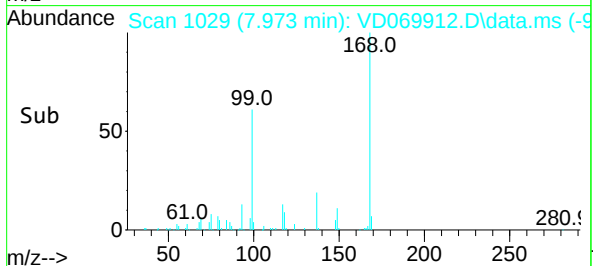


#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

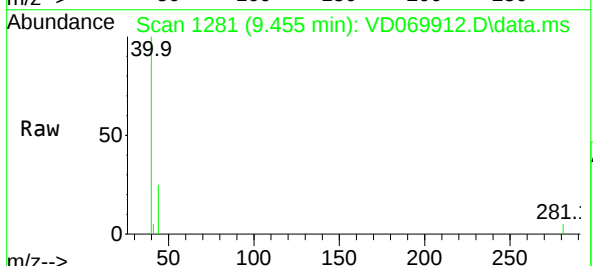
Instrument :
MSVOA_D
ClientSampleId :



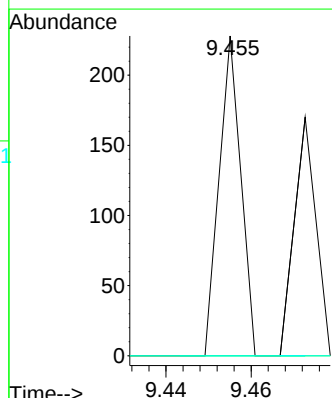
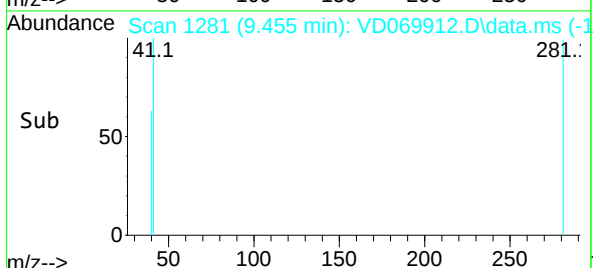
Tgt Ion:117 Resp: 15061
Ion Ratio Lower Upper
117 100
119 8.0 76.2 114.2#
121 0.0 24.5 36.7#

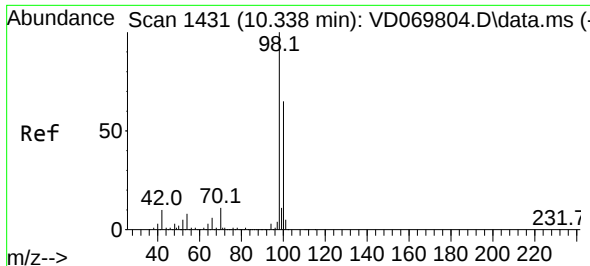


#48
Methyl methacrylate
Concen: 2.827 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31



Tgt Ion: 41 Resp: 80
Ion Ratio Lower Upper
41 100
69 0.0 73.4 110.2#
39 0.0 36.6 55.0#

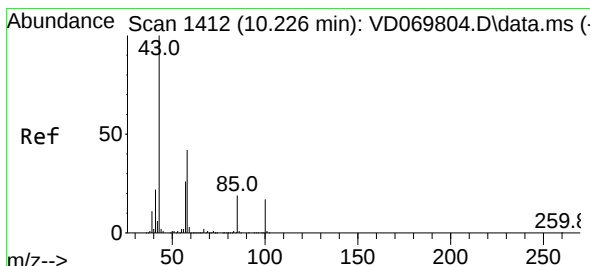
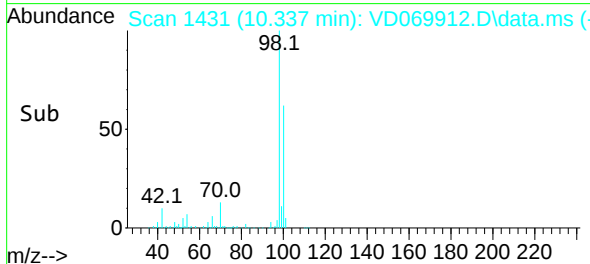
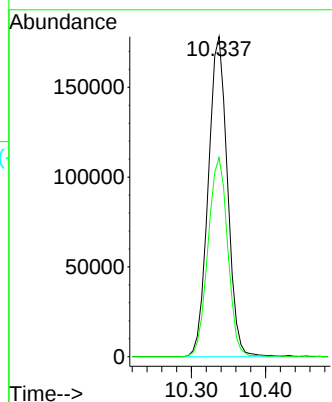
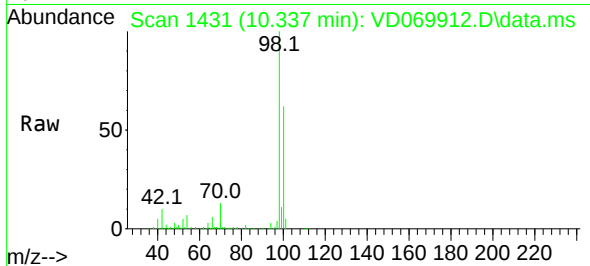




#50
Toluene-d8
Concen: 52.702 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

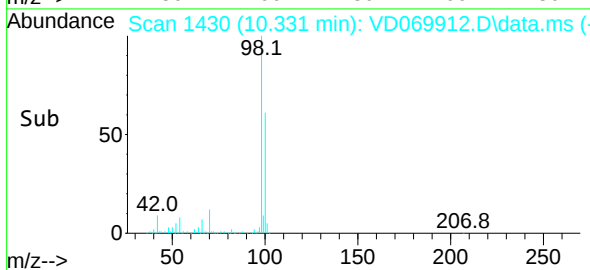
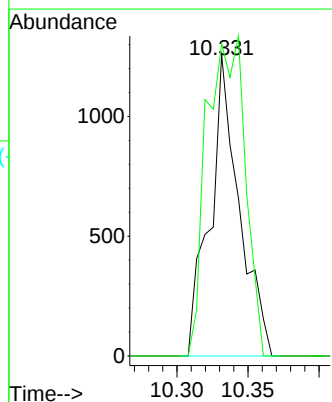
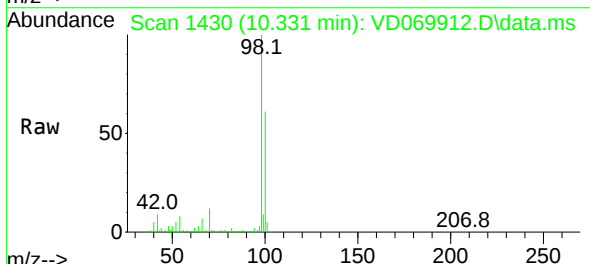
Instrument :
MSVOA_D
ClientSampleId :

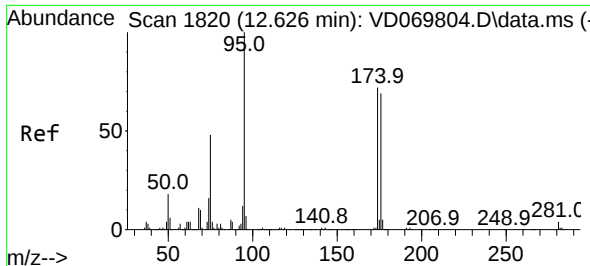
Tgt Ion: 98 Resp: 320163
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.968 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. 0.105 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 138.8 33.7 50.5#

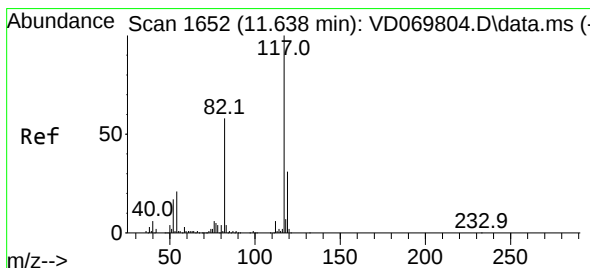
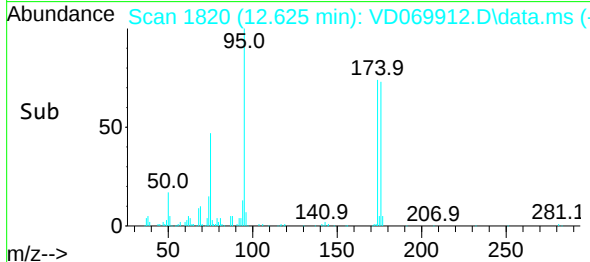
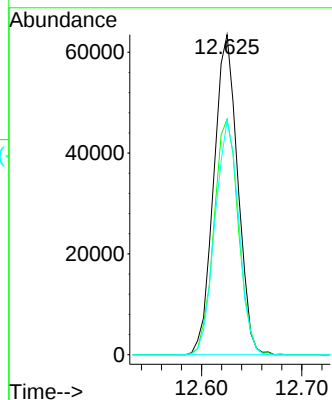
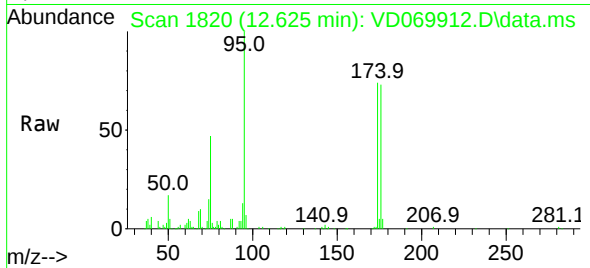




#62
4-Bromofluorobenzene
Concen: 51.647 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

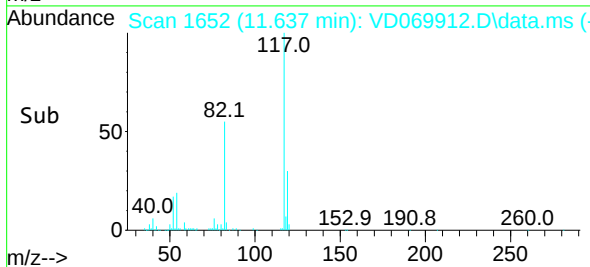
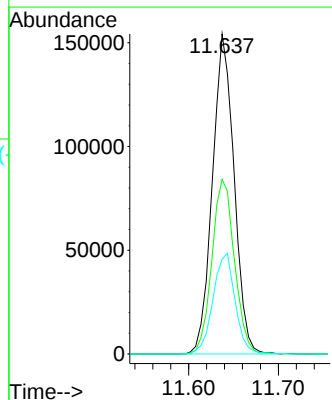
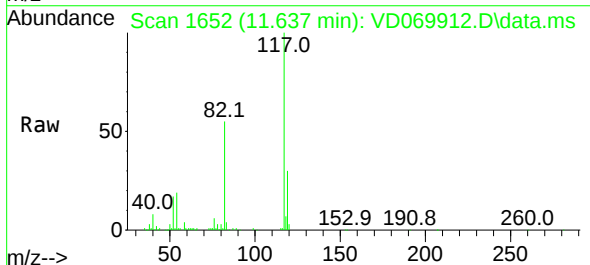
Instrument :
MSVOA_D
ClientSampleId :

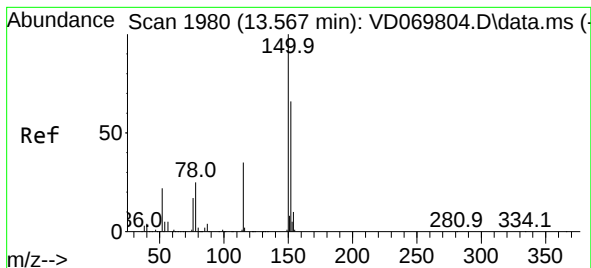
Tgt Ion: 95 Resp: 104857
Ion Ratio Lower Upper
95 100
174 75.3 0.0 142.6
176 72.6 0.0 134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

Tgt Ion: 117 Resp: 258581
Ion Ratio Lower Upper
117 100
82 54.5 46.3 69.5
119 29.6 24.7 37.1

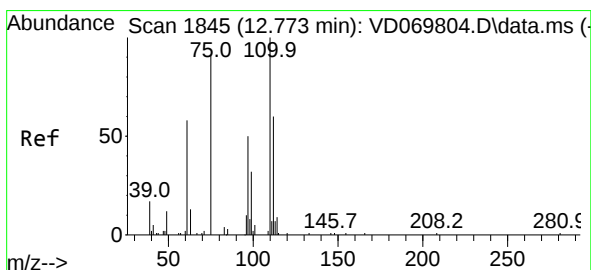
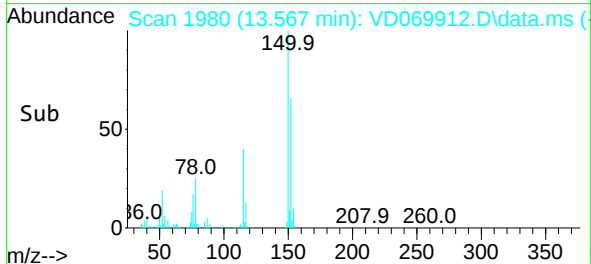
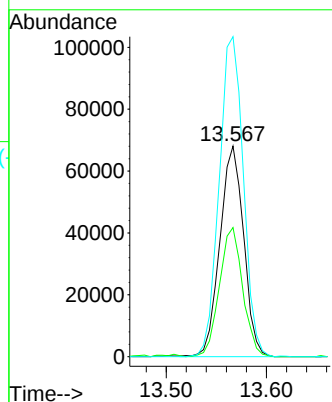
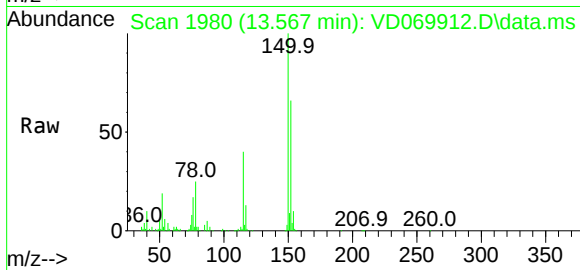




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

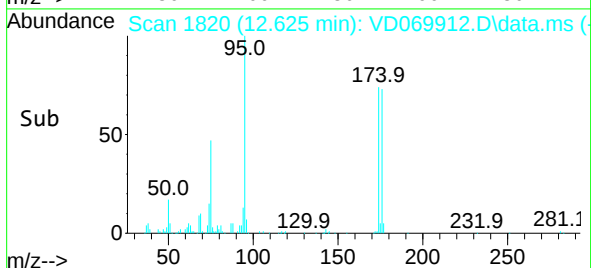
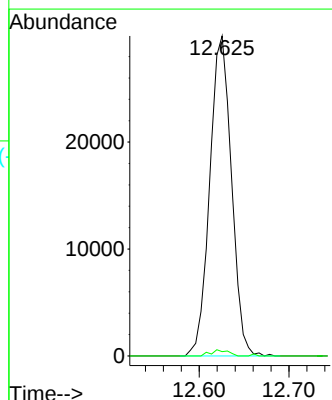
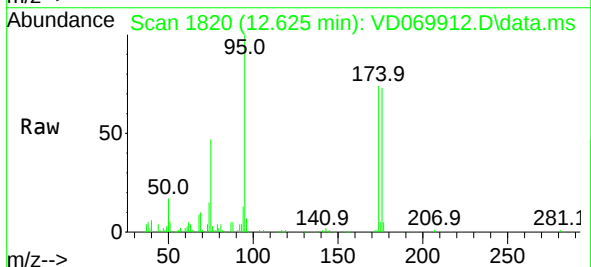
Instrument :
MSVOA_D
ClientSampleId :

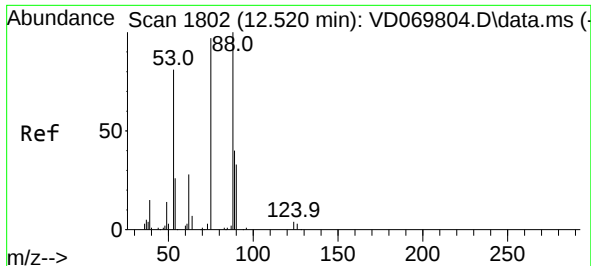
Tgt Ion:152 Resp: 112032
Ion Ratio Lower Upper
152 100
115 60.0 31.1 93.3
150 154.6 0.0 343.0



#76
1,2,3-Trichloropropane
Concen: 42.247 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.148 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

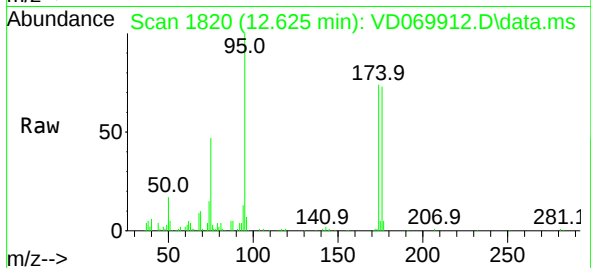
Tgt Ion: 75 Resp: 50308
Ion Ratio Lower Upper
75 100
77 1.5 181.5 544.5#



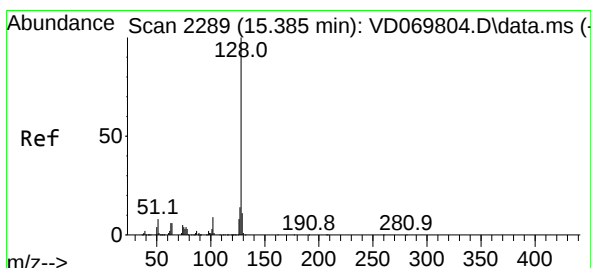
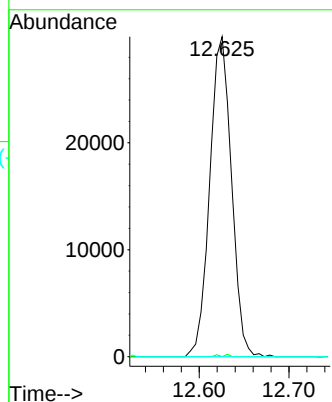
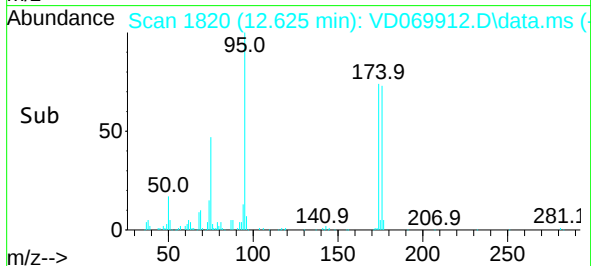


#81
trans-1,4-Dichloro-2-butene
Concen: 128.165 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.105 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31

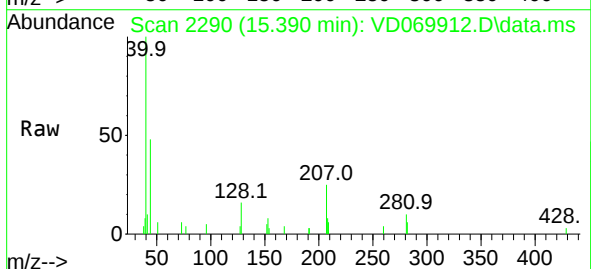
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 50308
Ion Ratio Lower Upper
75 100
53 0.1 67.2 100.8#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.370 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.005 min
Lab File: VD069912.D
Acq: 29 Jul 2021 15:31



Tgt Ion:128 Resp: 1510
Ion Ratio Lower Upper
128 100
127 5.4 10.6 16.0#
129 0.0 8.6 12.8#

