

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052021\
 Data File : VD069223.D
 Acq On : 20 May 2021 17:20
 Operator : VA/SY
 Sample : M2462-01RE
 Misc : 7.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 21 00:55:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

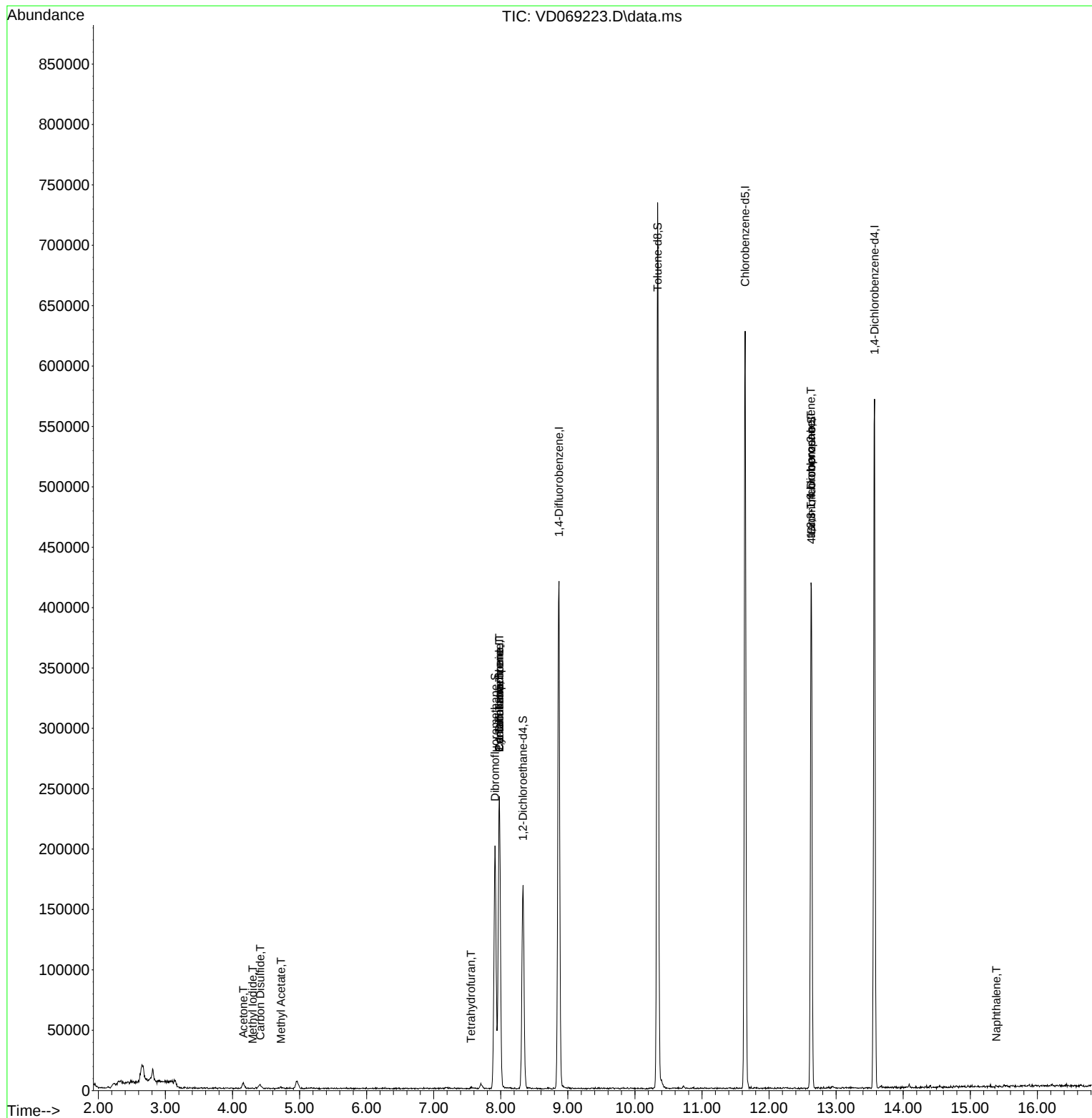
Internal Standards						
1) Pentafluorobenzene	7.979	168	176599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	366999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	369982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	154170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	135120	76.32	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 152.64%			
35) Dibromofluoromethane	7.914	113	137304	57.49	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.98%			
50) Toluene-d8	10.337	98	498715	56.83	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.66%			
62) 4-Bromofluorobenzene	12.631	95	139220	49.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.60%			
Target Compounds						Qvalue
10) Methyl Iodide	4.302	142	355	1.09	ug/l #	38
11) Tert butyl alcohol	5.220	59	62	Below Cal	#	73
16) Acetone	4.161	43	6892	25.42	ug/l	91
17) Carbon Disulfide	4.414	76	6773	1.16	ug/l	99
18) Methyl Acetate	4.726	43	1428	2.17	ug/l #	80
20) Methylene Chloride	4.949	84	2923	Below Cal	#	75
29) Tetrahydrofuran	7.555	42	672	3.36	ug/l #	45
31) Cyclohexane	7.979	56	4658	1.78	ug/l #	42
36) 1,1-Dichloropropene	7.979	75	14662	4.11	ug/l #	48
38) Carbon Tetrachloride	7.979	117	18974	4.76	ug/l #	19
76) 1,2,3-Trichloropropane	12.625	75	70434	60.78	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.625	75	70434	122.76	ug/l #	14
95) Naphthalene	15.390	128	360	2.11	ug/l #	69

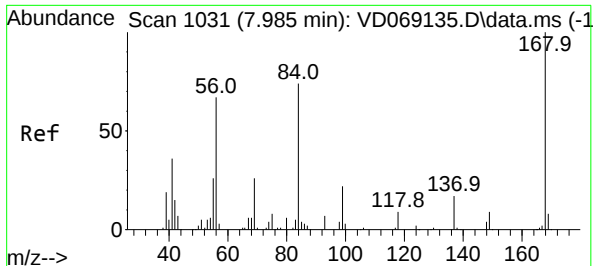
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 21 00:55:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
Quant Title : SW846 8260
QLast Update : Thu May 13 04:01:29 2021
Response via : Initial Calibration

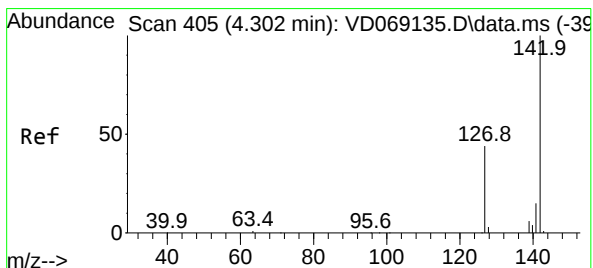
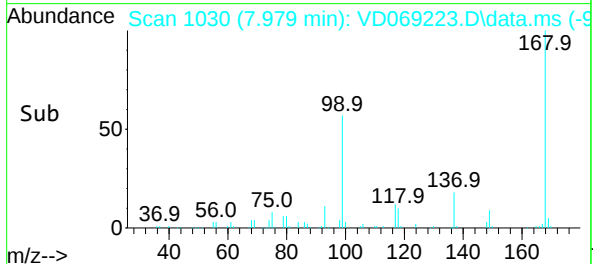
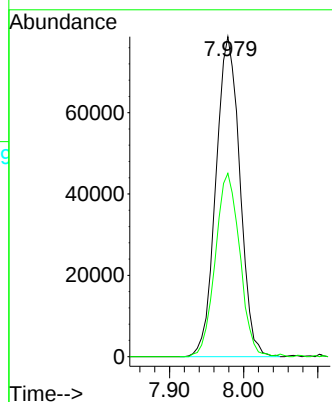
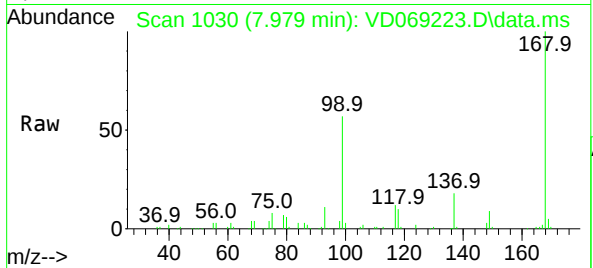




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

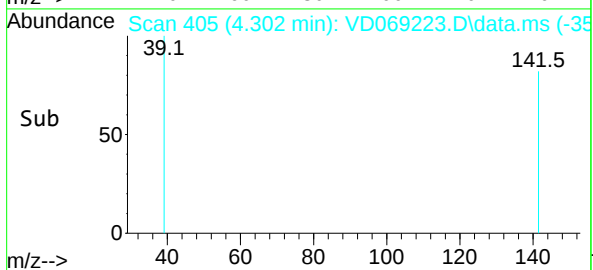
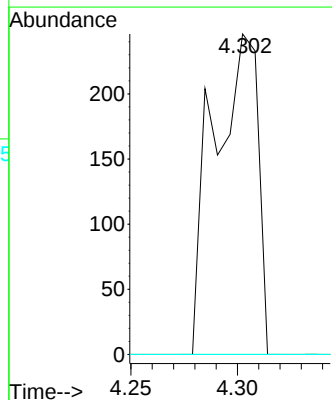
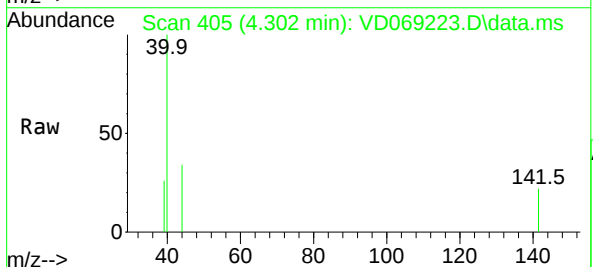
Instrument :
MSVOA_D
ClientSampleId :

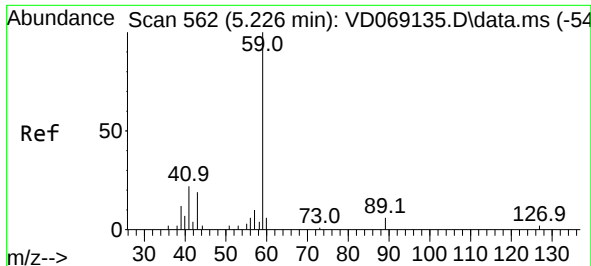
Tgt Ion:168 Resp: 176599
Ion Ratio Lower Upper
168 100
99 57.3 47.2 70.8



#10
Methyl Iodide
Concen: 1.09 ug/l
RT: 4.302 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Tgt Ion:142 Resp: 355
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 12.2 18.4#



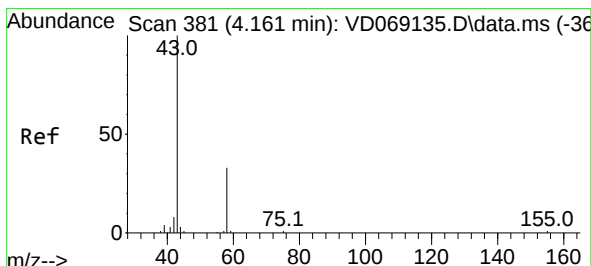
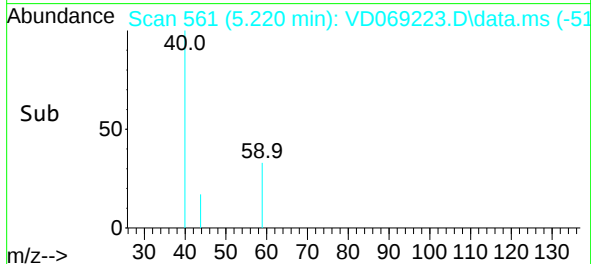
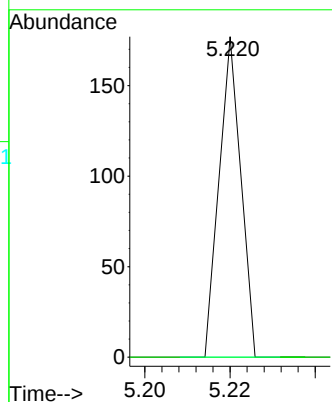
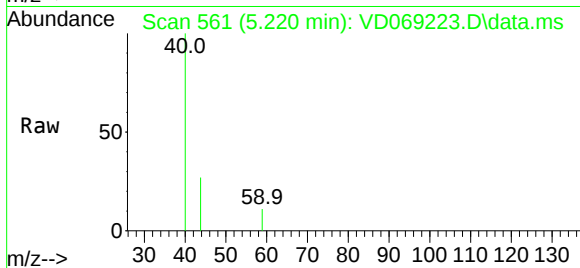


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Instrument :
MSVOA_D
ClientSampled :

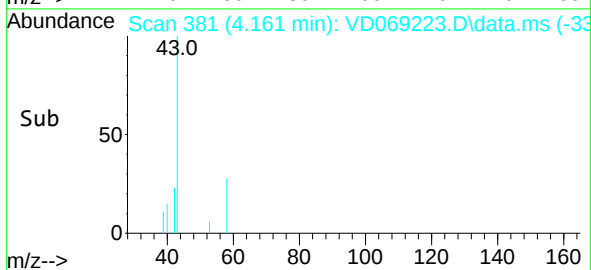
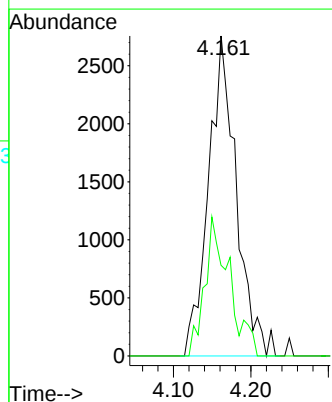
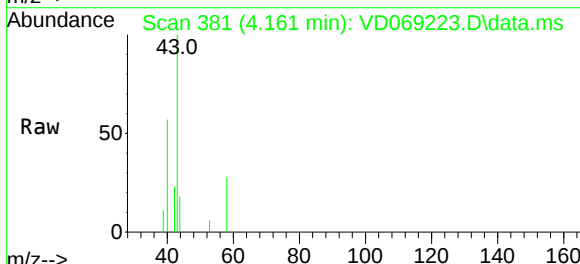
Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

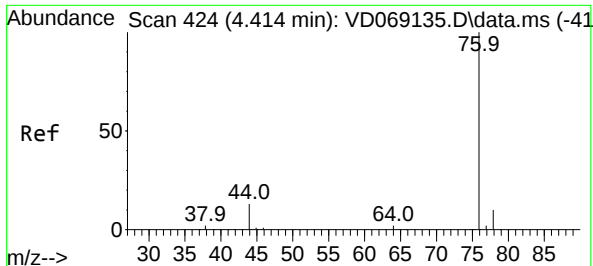


#16

Acetone
Concen: 25.42 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

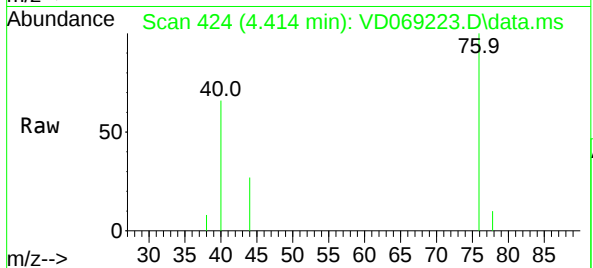
Tgt Ion: 43 Resp: 6892
Ion Ratio Lower Upper
43 100
58 28.3 26.7 40.1



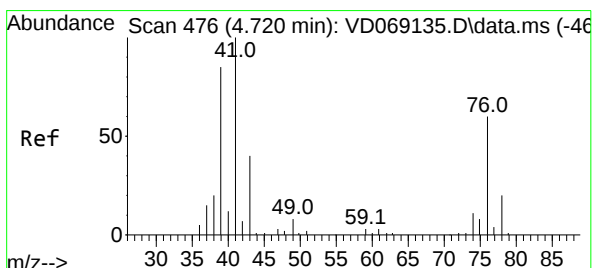
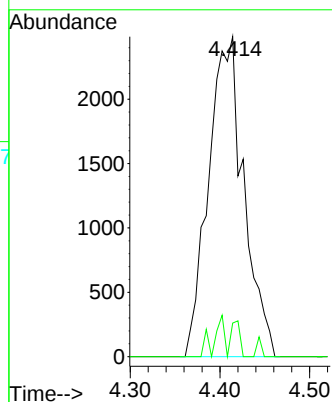
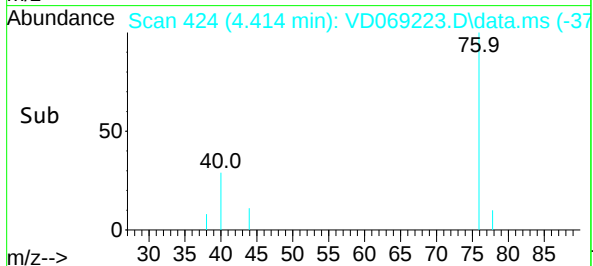


#17
Carbon Disulfide
Concen: 1.16 ug/l
RT: 4.414 min Scan# 424
Delta R.T. -0.000 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

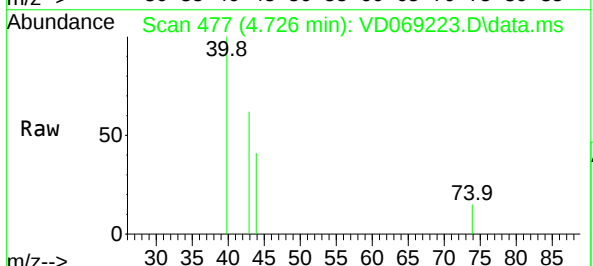
Instrument :
MSVOA_D
ClientSampled :



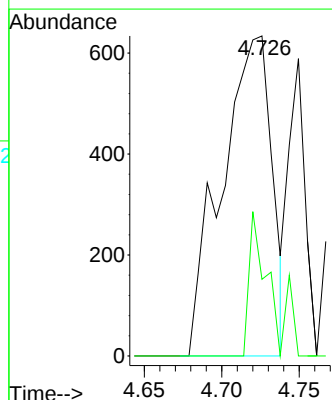
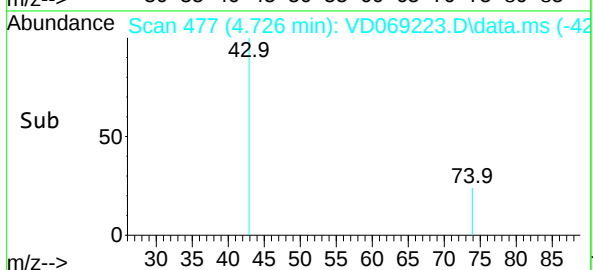
Tgt Ion: 76 Resp: 6773
Ion Ratio Lower Upper
76 100
78 10.5 8.1 12.1

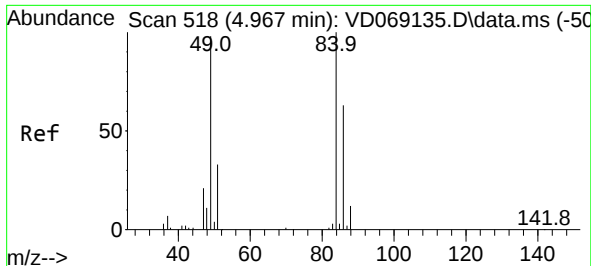


#18
Methyl Acetate
Concen: 2.17 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20



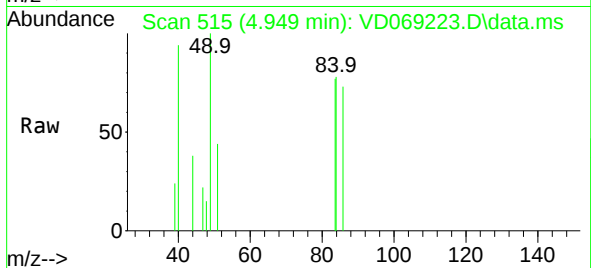
Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
74 18.9 23.8 35.6#





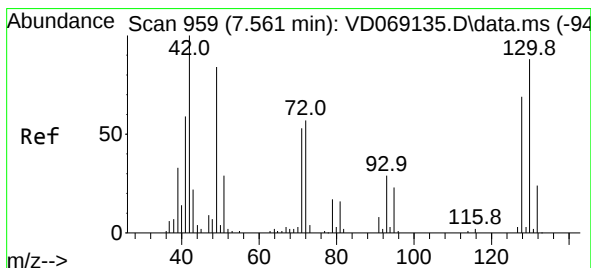
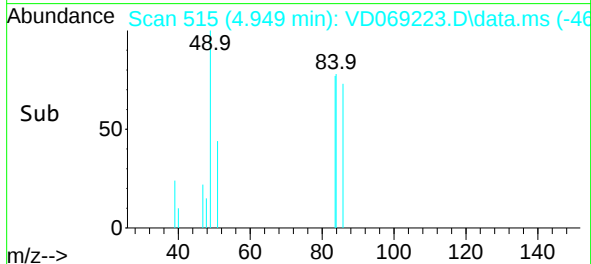
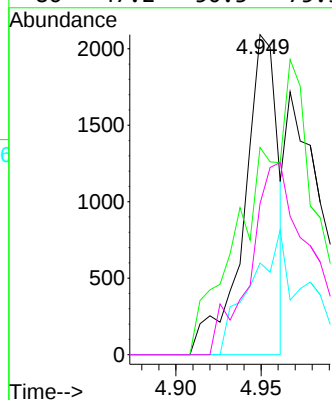
#20
Methylene Chloride
Concen: Below Cal
RT: 4.949 min Scan# 515
Delta R.T. -0.018 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 84 Resp: 2923

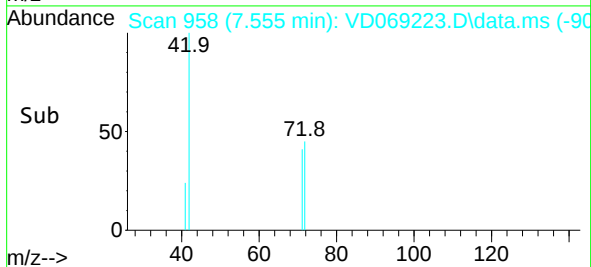
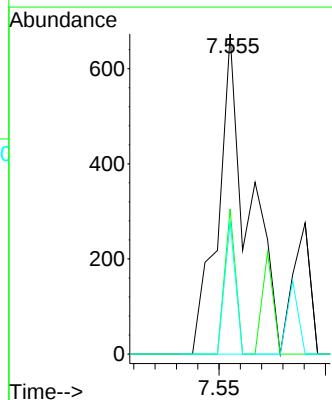
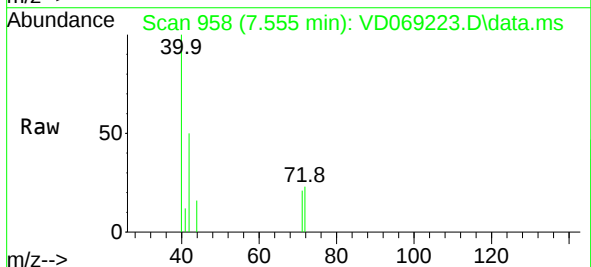
Ion	Ratio	Lower	Upper
84	100		
49	64.8	78.6	117.8#
51	28.6	26.7	40.1
86	47.2	50.3	75.5#

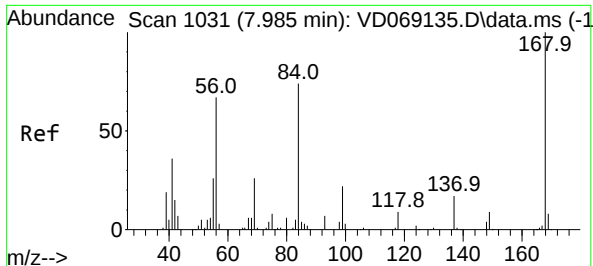


#29
Tetrahydrofuran
Concen: 3.36 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Tgt Ion: 42 Resp: 672

Ion	Ratio	Lower	Upper
42	100		
72	16.1	45.9	68.9#
71	14.6	42.9	64.3#

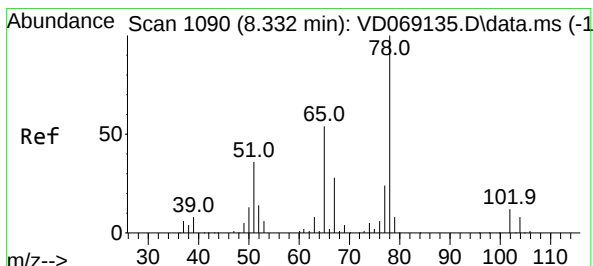
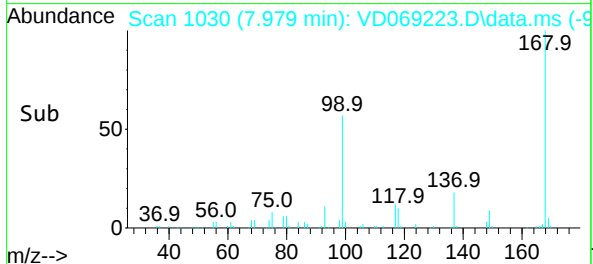
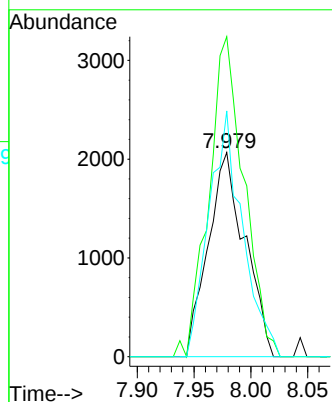
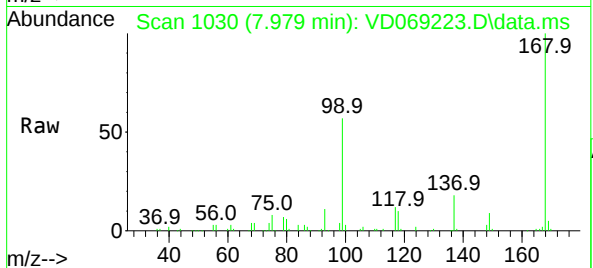




#31
Cyclohexane
Concen: 1.78 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

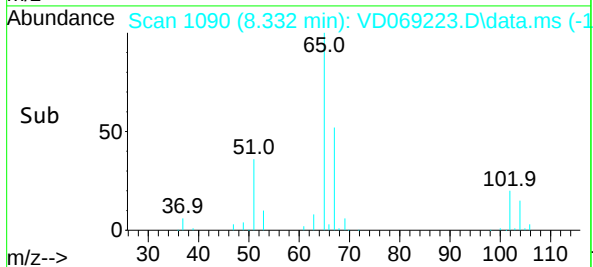
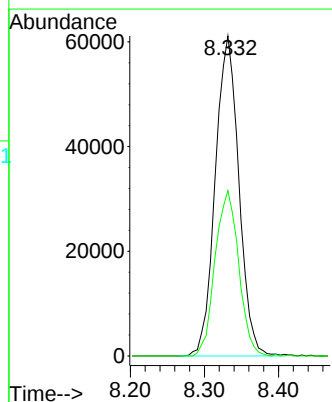
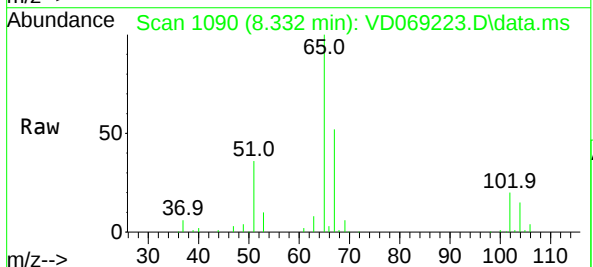
Instrument :
MSVOA_D
ClientSampleId :

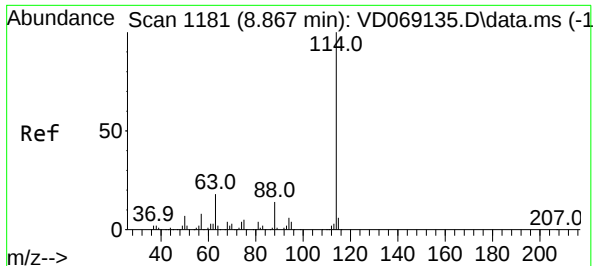
Tgt Ion: 56 Resp: 4658
Ion Ratio Lower Upper
56 100
69 156.7 30.6 46.0#
84 120.4 88.0 132.0



#33
1,2-Dichloroethane-d4
Concen: 76.32 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Tgt Ion: 65 Resp: 135120
Ion Ratio Lower Upper
65 100
67 51.6 0.0 108.0



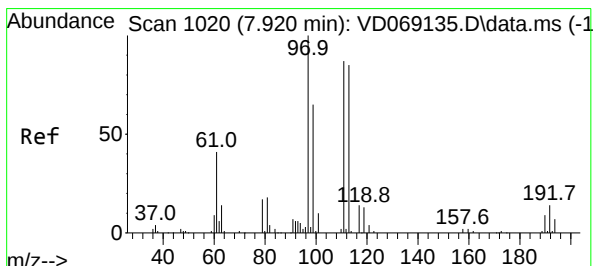
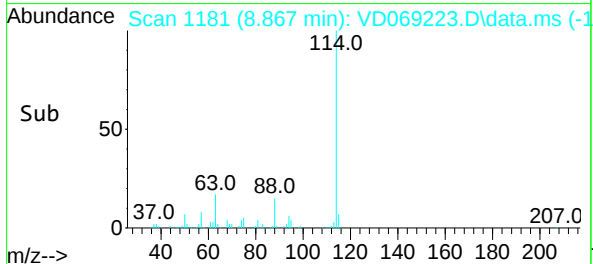
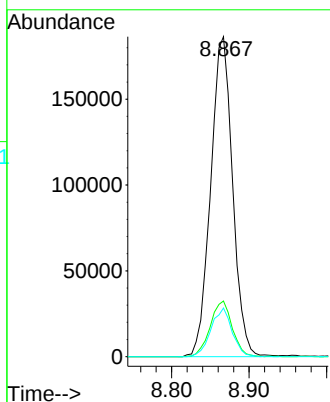
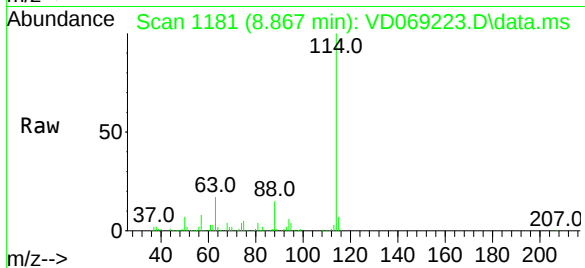


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Instrument :
MSVOA_D
ClientSampled :

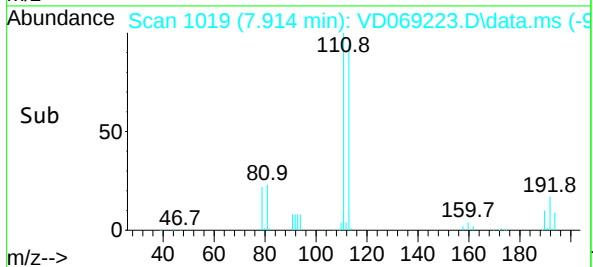
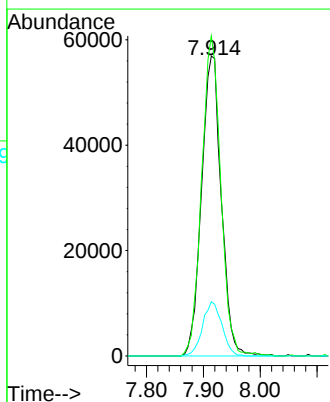
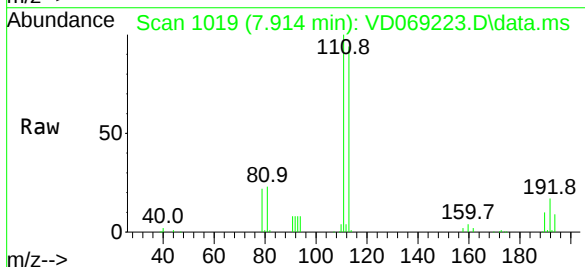
Tgt Ion:114 Resp: 366999
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.4
88 15.2 0.0 28.2

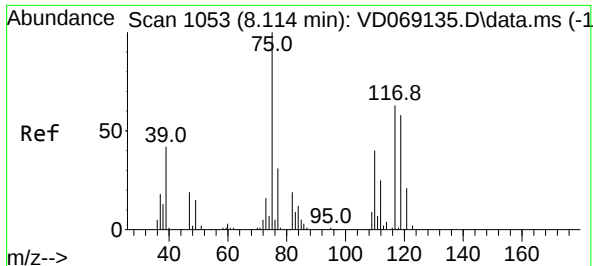


#35

Dibromofluoromethane
Concen: 57.49 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Tgt Ion:113 Resp: 137304
Ion Ratio Lower Upper
113 100
111 103.2 80.6 120.8
192 17.7 14.8 22.2

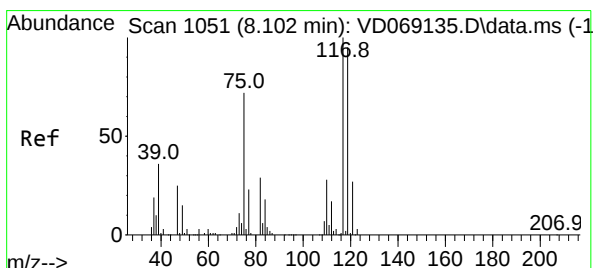
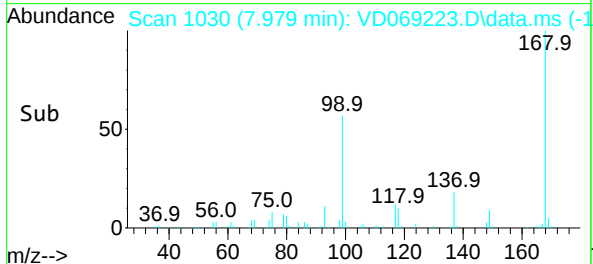
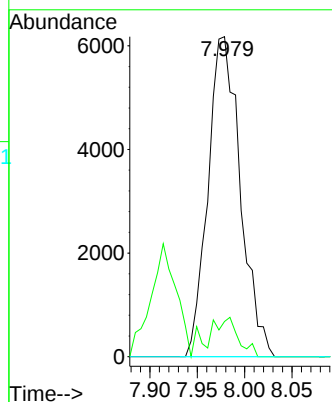
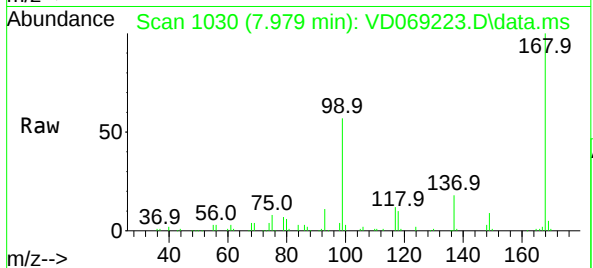




#36
1,1-Dichloropropene
Concen: 4.11 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

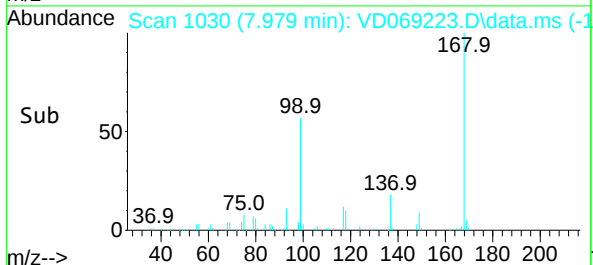
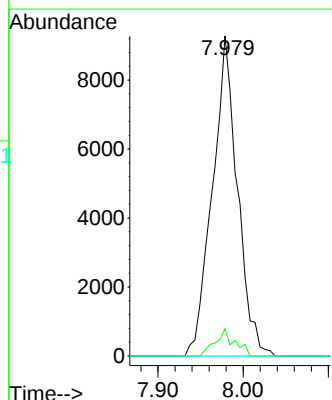
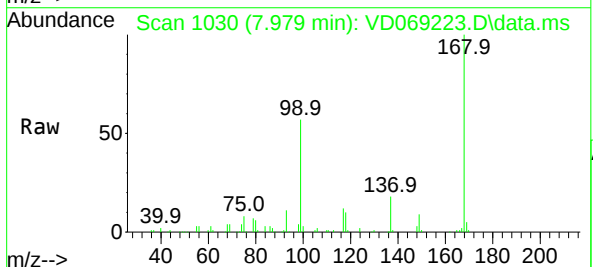
Instrument :
MSVOA_D
ClientSampleId :

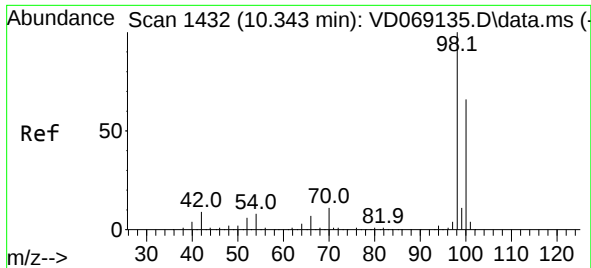
Tgt Ion: 75 Resp: 14662
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 4.76 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.124 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Tgt Ion: 117 Resp: 18974
Ion Ratio Lower Upper
117 100
119 8.5 76.2 114.2#
121 0.0 21.9 32.9#

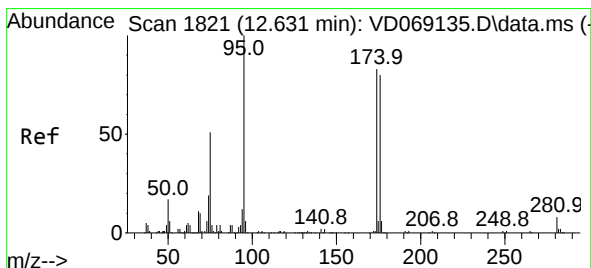
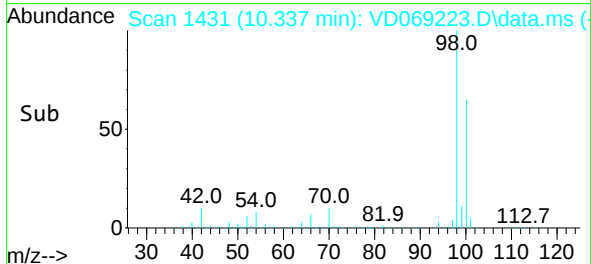
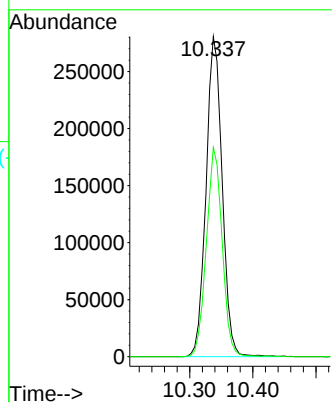
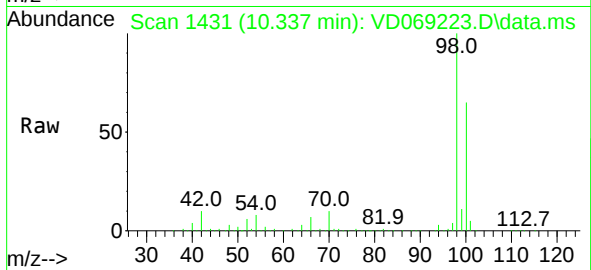




#50
Toluene-d8
Concen: 56.83 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

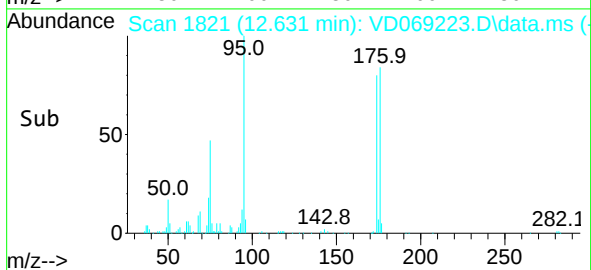
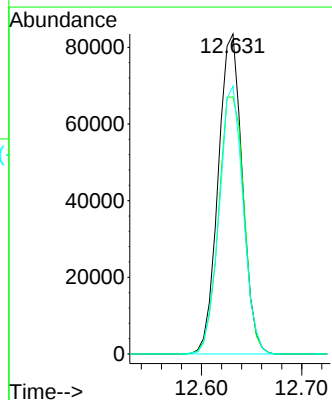
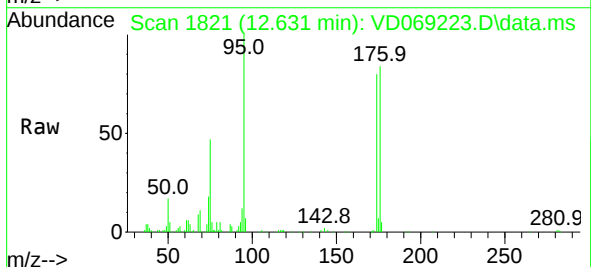
Instrument :
MSVOA_D
ClientSampleId :

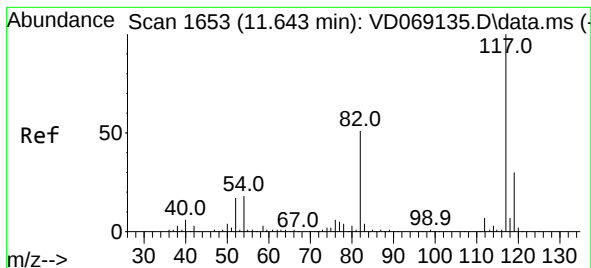
Tgt Ion: 98 Resp: 498715
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 49.30 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Tgt Ion: 95 Resp: 139220
Ion Ratio Lower Upper
95 100
174 85.1 0.0 171.8
176 83.5 0.0 165.4

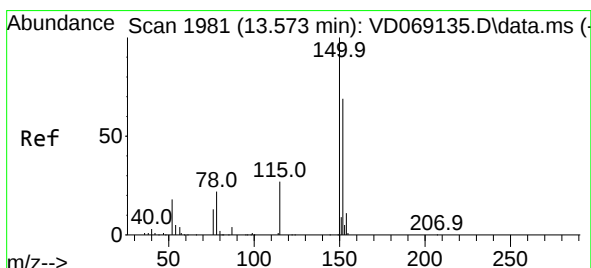
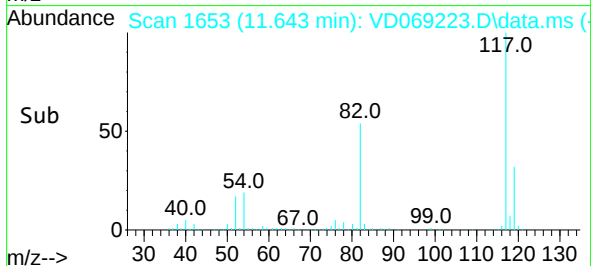
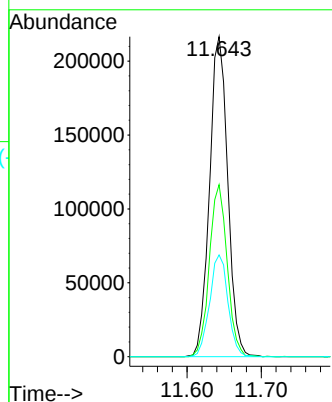
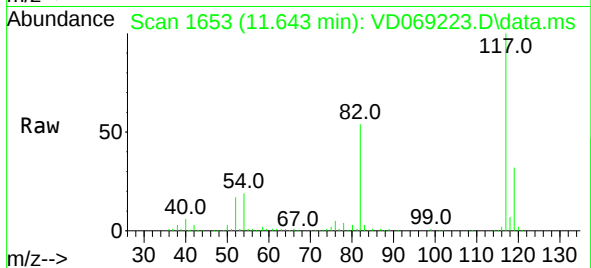




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

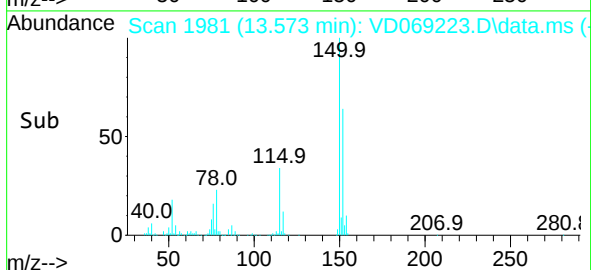
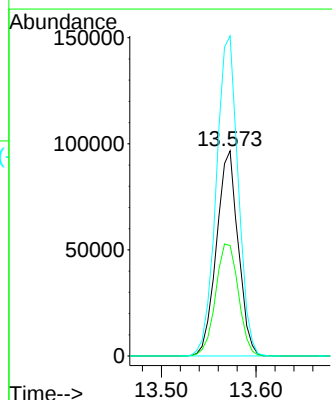
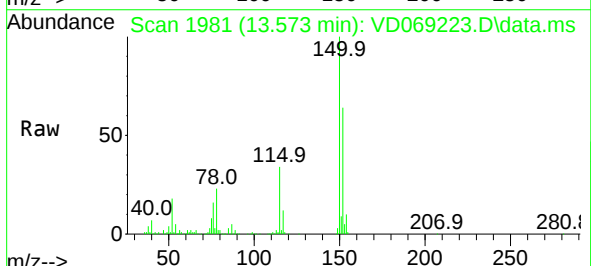
Instrument :
MSVOA_D
ClientSampleId :

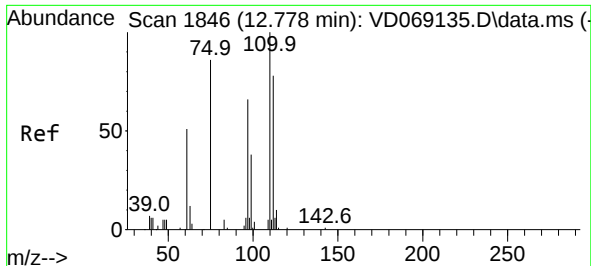
Tgt Ion:117 Resp: 369982
Ion Ratio Lower Upper
117 100
82 53.8 40.5 60.7
119 31.8 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Tgt Ion:152 Resp: 154170
Ion Ratio Lower Upper
152 100
115 57.5 29.9 89.8
150 157.3 0.0 350.2

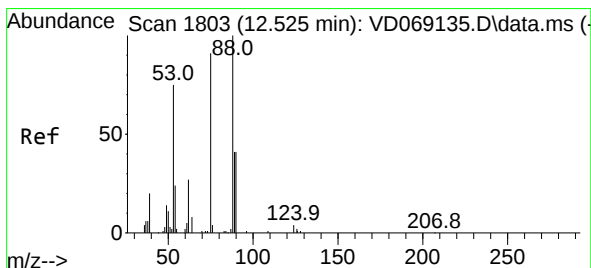
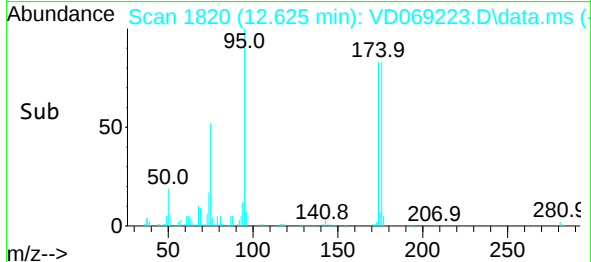
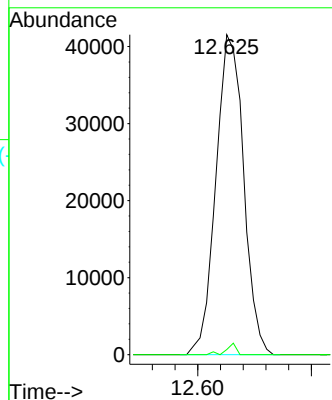
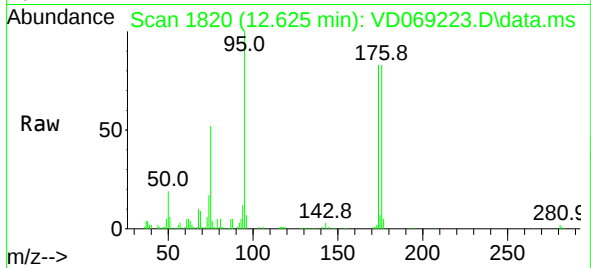




#76
1,2,3-Trichloropropane
Concen: 60.78 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

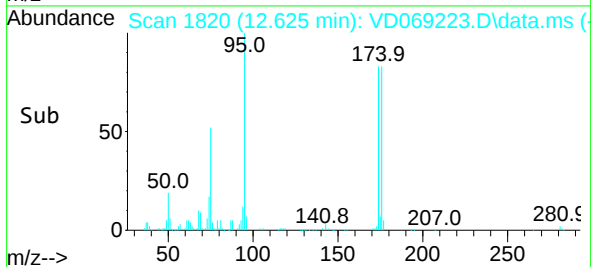
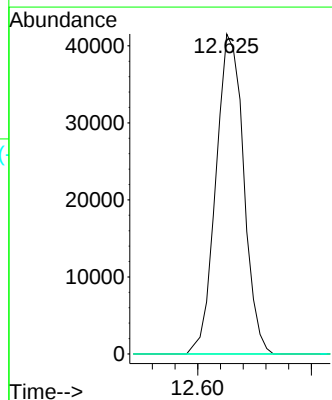
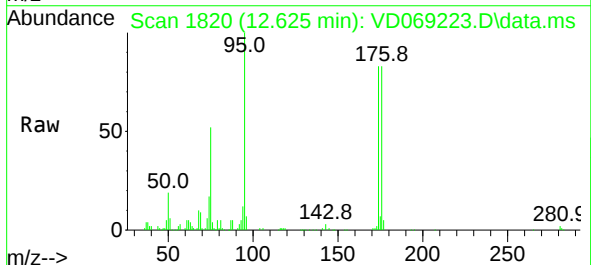
Instrument :
MSVOA_D
ClientSampleId :

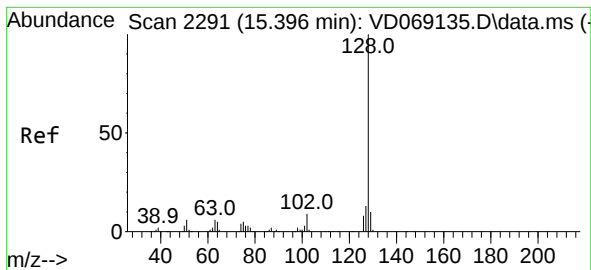
Tgt Ion: 75 Resp: 70434
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.76 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Tgt Ion: 75 Resp: 70434
Ion Ratio Lower Upper
75 100
53 0.0 70.0 105.0#
89 0.0 40.2 60.2#





#95
Naphthalene
Concen: 2.11 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD069223.D
Acq: 20 May 2021 17:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 360
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

