

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010521\
 Data File : VD068004.D
 Acq On : 05 Jan 2021 13:01
 Operator : VA/SY
 Sample : M1005-02
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 06 00:16:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

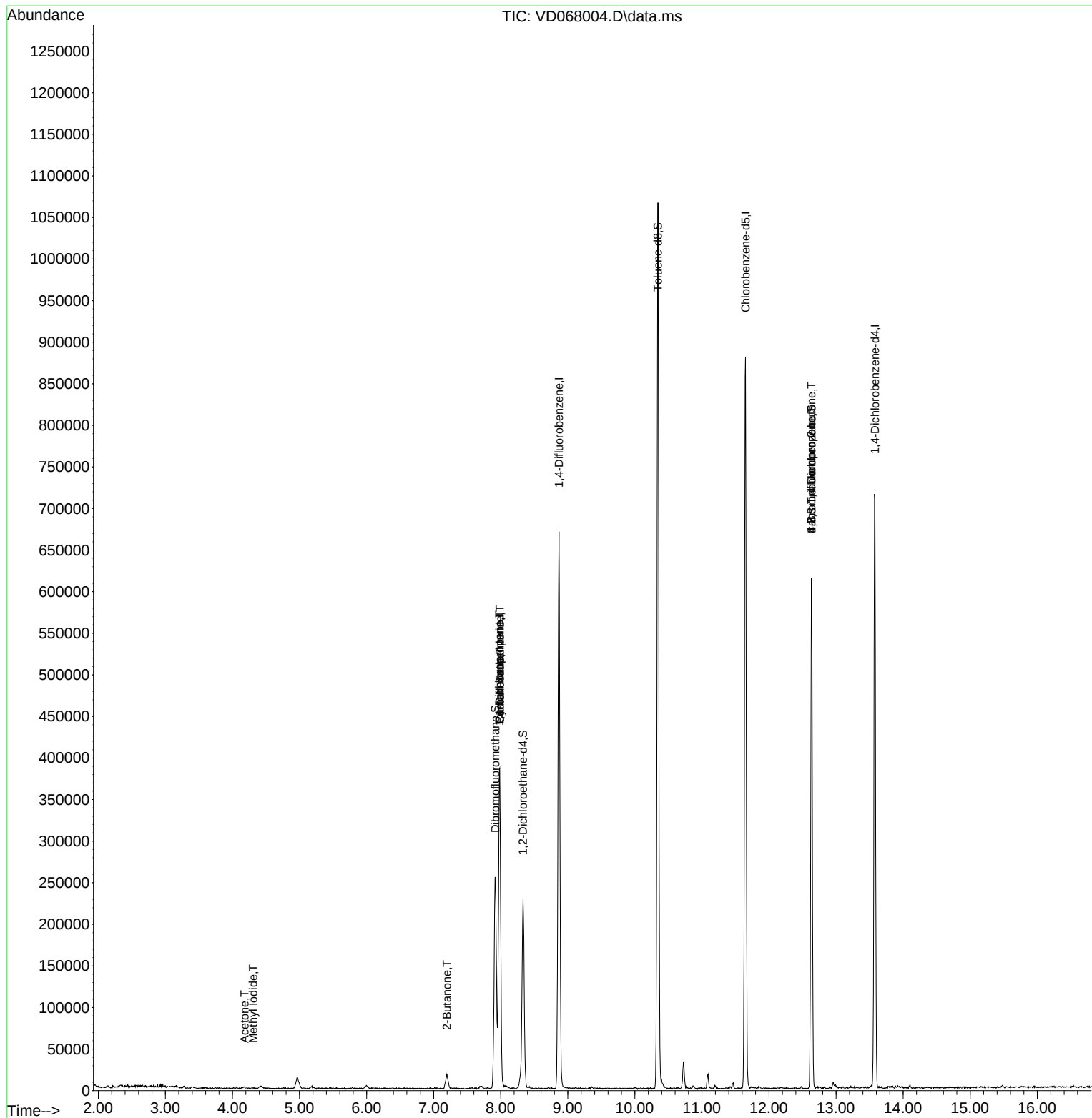
Internal Standards						
1) Pentafluorobenzene	7.985	168	275560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	556115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	508595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	188906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	176812	59.42	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.84%			
35) Dibromofluoromethane	7.920	113	185175	52.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.70%			
50) Toluene-d8	10.344	98	715155	54.30	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.60%			
62) 4-Bromofluorobenzene	12.632	95	200272	44.45	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.90%			
Target Compounds						
5) Bromomethane	2.779	94	499	Below Cal	#	1
10) Methyl Iodide	4.309	142	481	3.99 ug/l	#	41
11) Tert butyl alcohol	5.244	59	65	Below Cal	#	74
16) Acetone	4.179	43	2893	5.09 ug/l	#	80
20) Methylene Chloride	4.962	84	10460	Below Cal	#	85
25) 2-Butanone	7.197	43	968	1.16 ug/l	#	49
31) Cyclohexane	7.985	56	6890	1.13 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	23711	4.01 ug/l	#	49
38) Carbon Tetrachloride	7.985	117	30066	5.33 ug/l	#	16
76) 1,2,3-Trichloropropane	12.632	75	100992	63.50 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	100992	130.16 ug/l	#	12

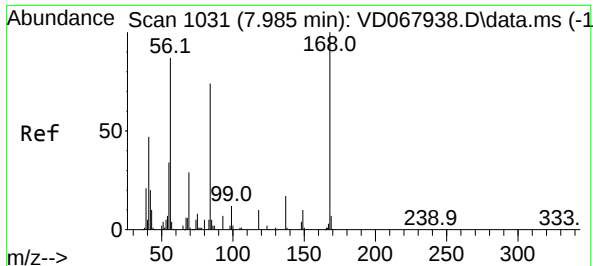
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010521\
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Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Jan 06 00:16:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

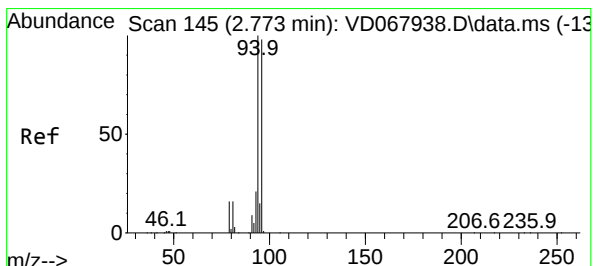
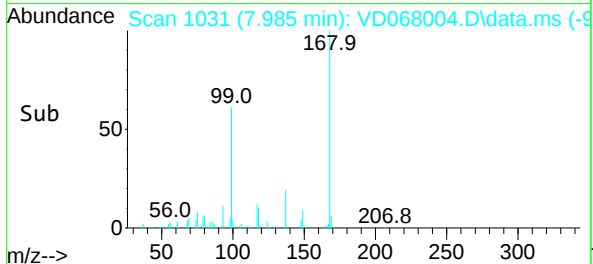
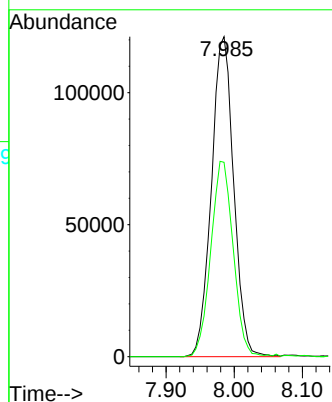
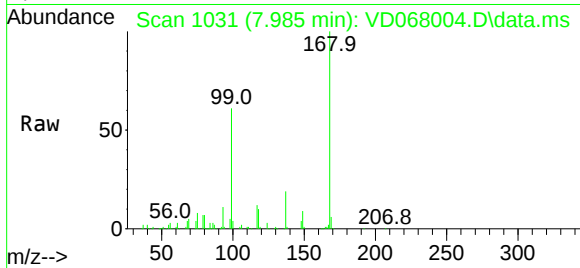




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

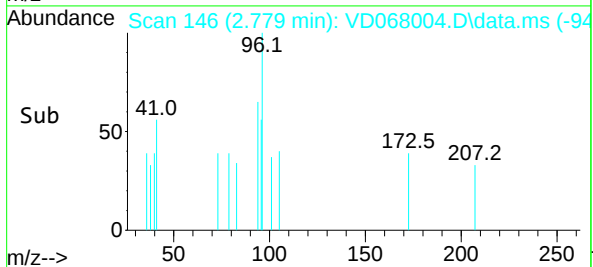
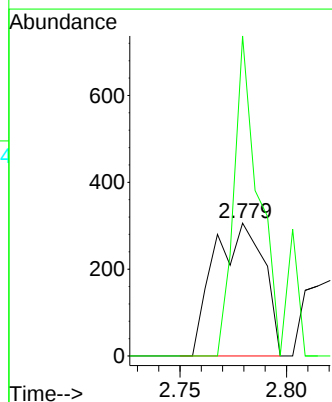
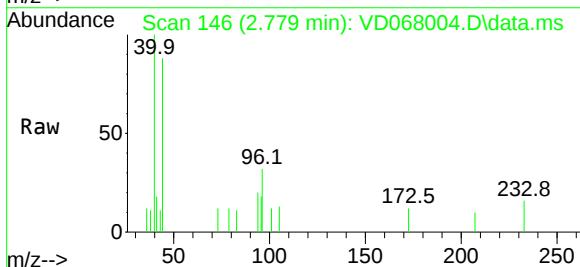
Instrument :
MSVOA_D
ClientSampled :

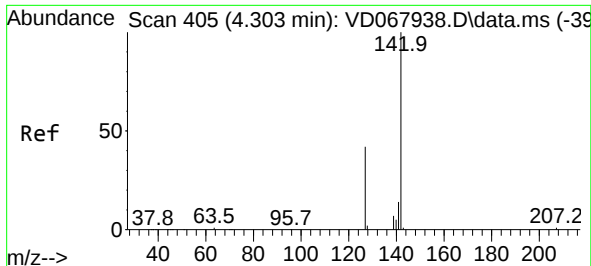
Tgt Ion:168 Resp: 275560
Ion Ratio Lower Upper
168 100
99 60.8 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.006 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

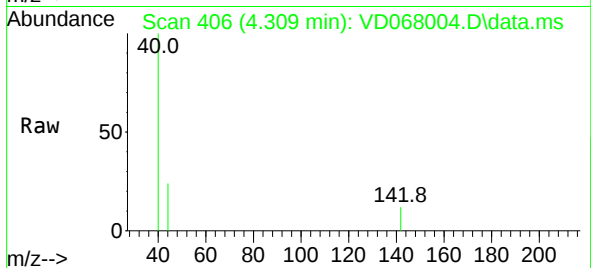
Tgt Ion: 94 Resp: 499
Ion Ratio Lower Upper
94 100
96 240.8 78.0 117.0#



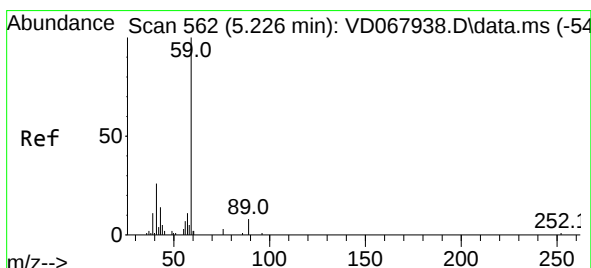
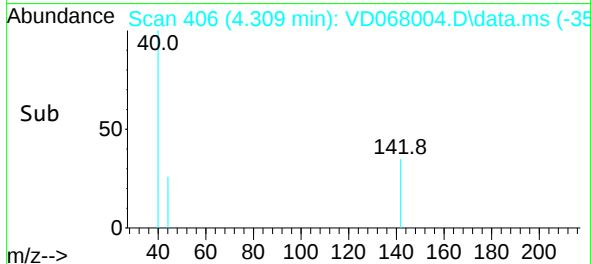
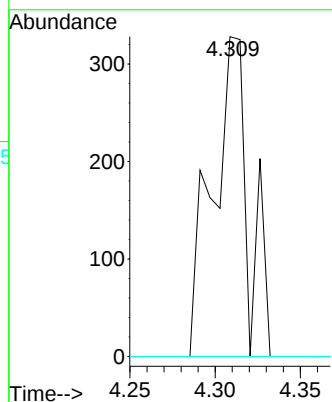


#10
Methyl Iodide
Concen: 3.99 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Instrument :
MSVOA_D
ClientSampled :

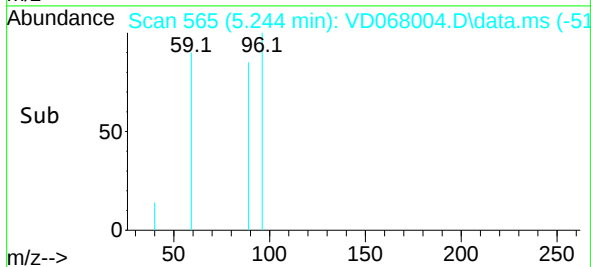
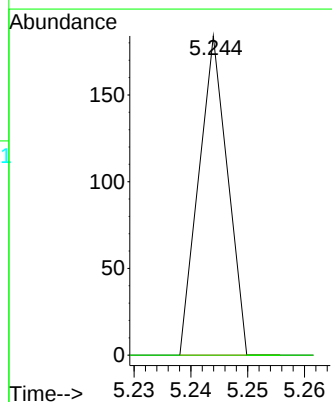
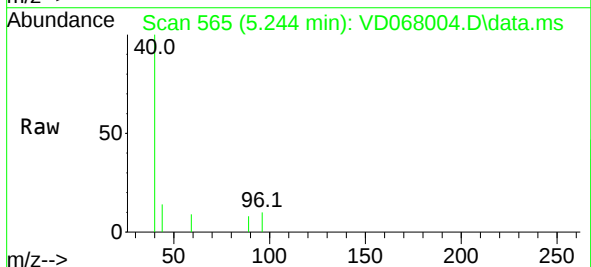


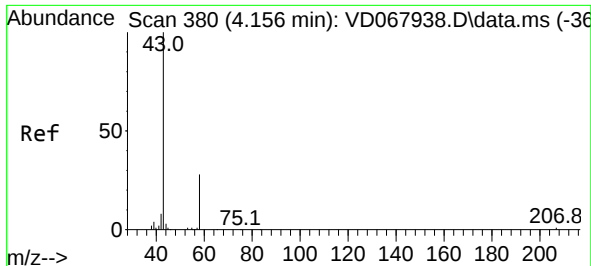
Tgt Ion:142 Resp: 481
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.244 min Scan# 565
Delta R.T. 0.018 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

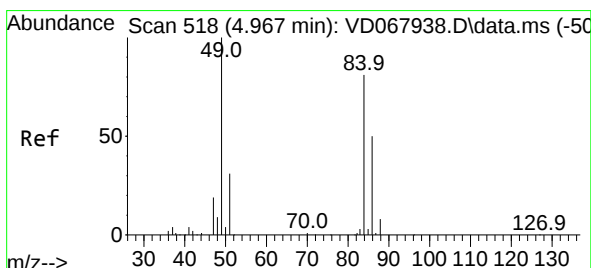
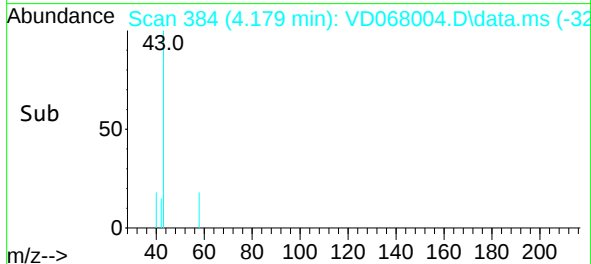
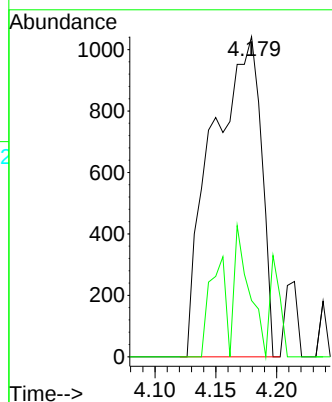
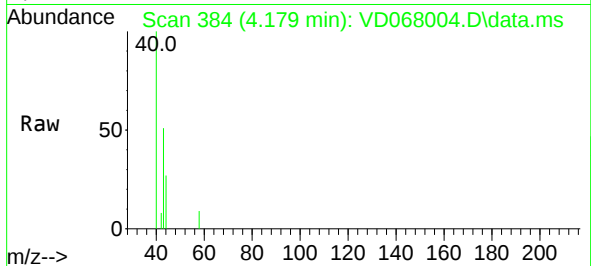




#16
Acetone
Concen: 5.09 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.024 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

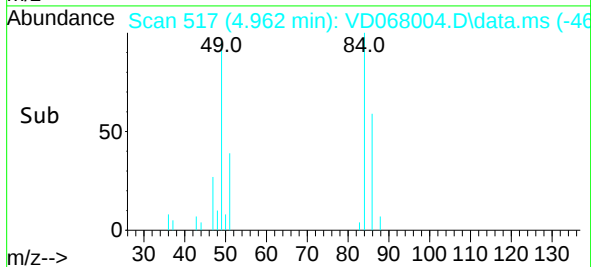
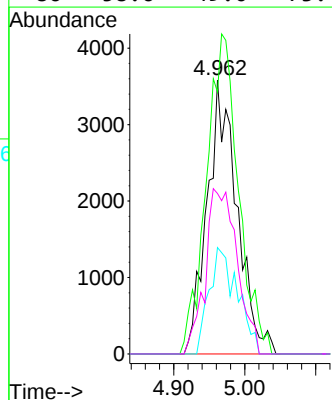
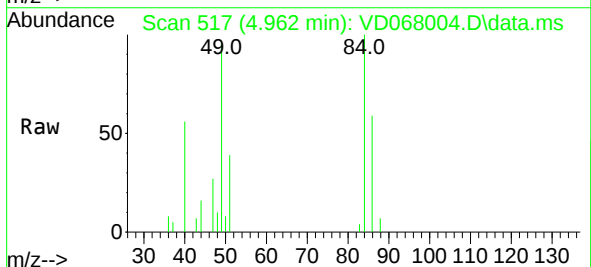
Instrument :
MSVOA_D
ClientSampled :

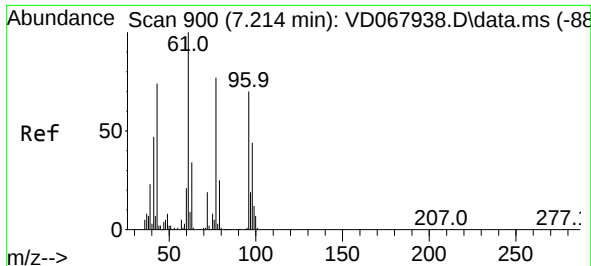
Tgt Ion: 43 Resp: 2893
Ion Ratio Lower Upper
43 100
58 17.6 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

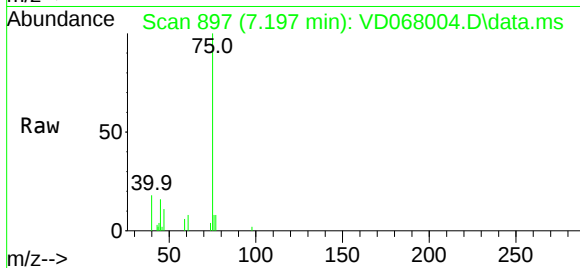
Tgt Ion: 84 Resp: 10460
Ion Ratio Lower Upper
84 100
49 95.6 98.3 147.5#
51 38.8 30.3 45.5
86 58.6 49.0 73.4



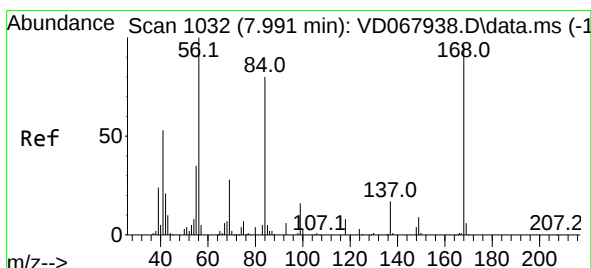
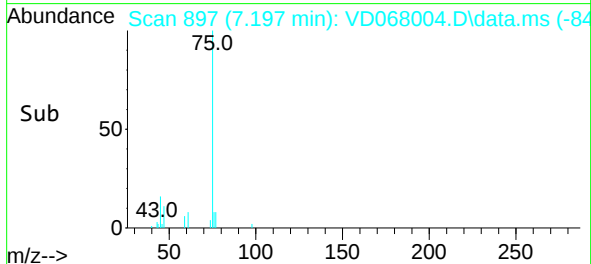
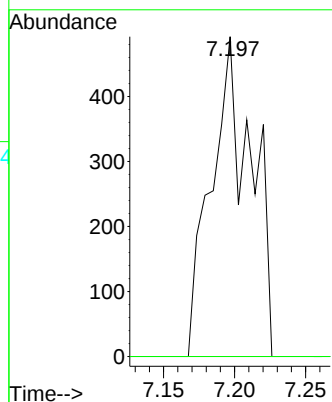


#25
2-Butanone
Concen: 1.16 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Instrument :
MSVOA_D
ClientSampled :

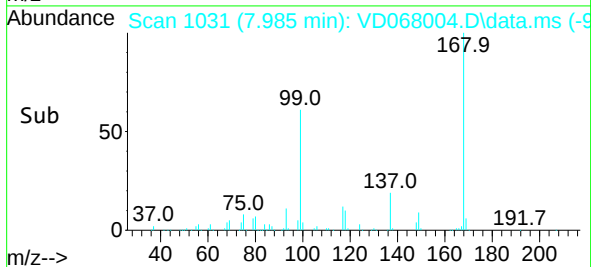
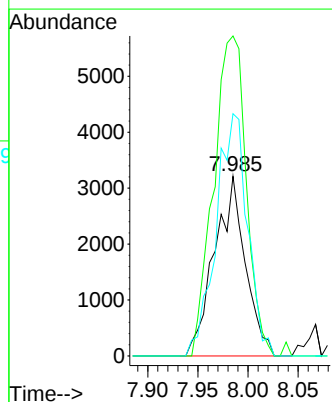
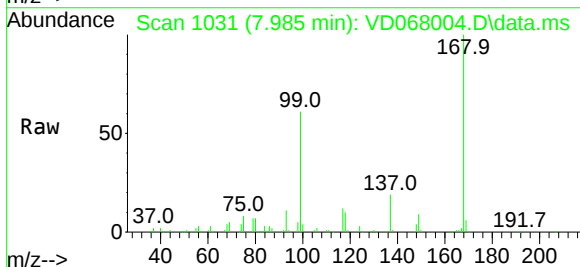


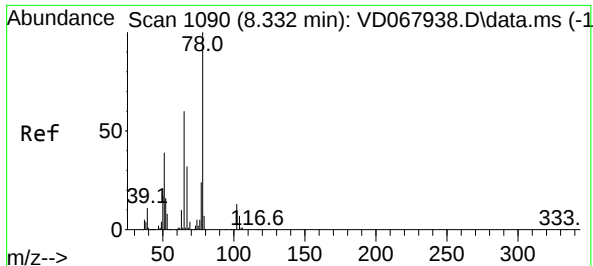
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
72 0.0 20.8 31.2#



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Tgt Ion: 56 Resp: 6890
Ion Ratio Lower Upper
56 100
69 178.1 22.7 34.1#
84 134.8 64.2 96.4#

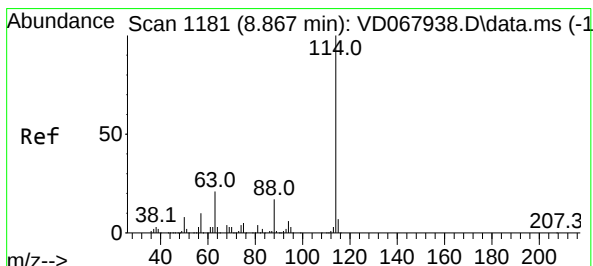
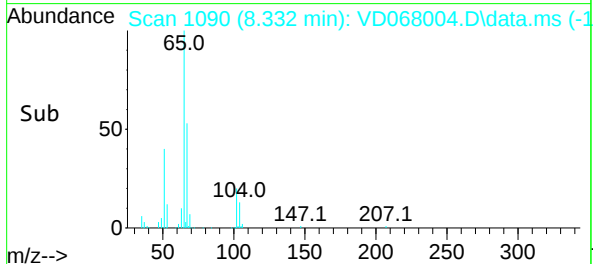
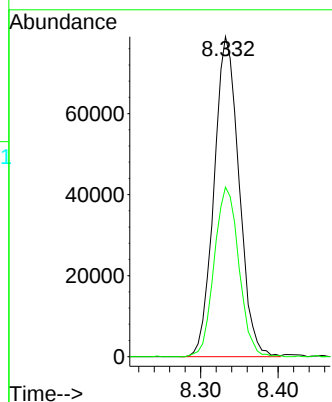
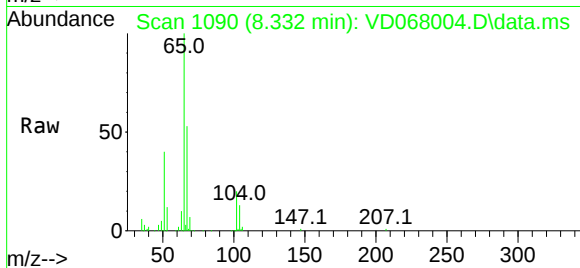




#33
1,2-Dichloroethane-d4
Concen: 59.42 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

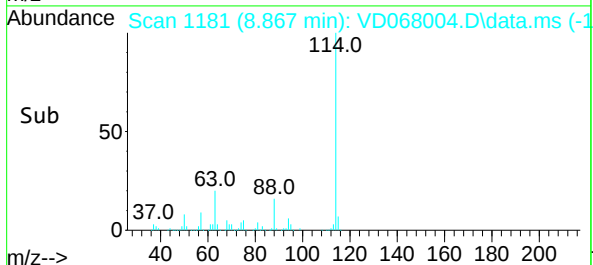
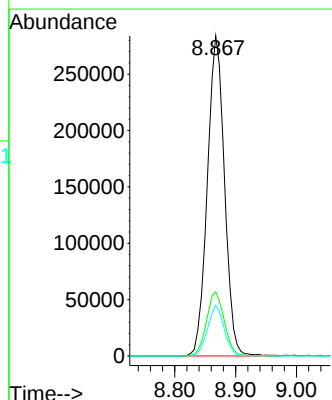
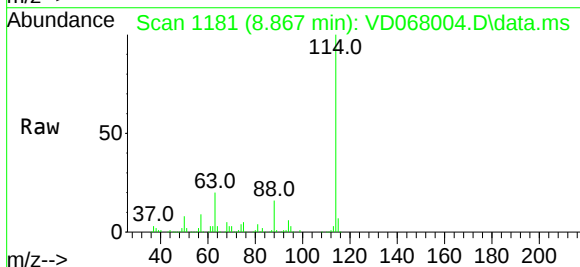
Instrument :
MSVOA_D
ClientSampled :

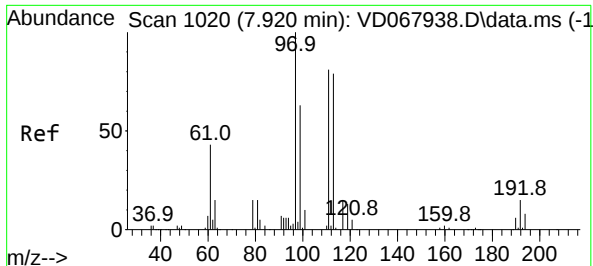
Tgt Ion: 65 Resp: 176812
Ion Ratio Lower Upper
65 100
67 52.3 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Tgt Ion: 114 Resp: 556115
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.4
88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.85 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068004.D

Acq: 05 Jan 2021 13:01

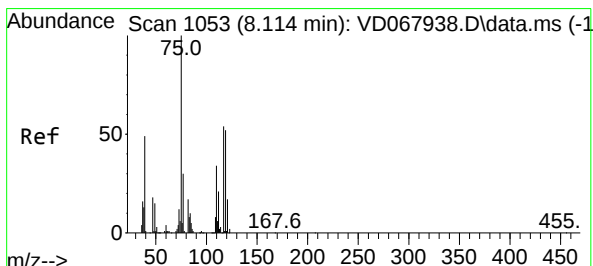
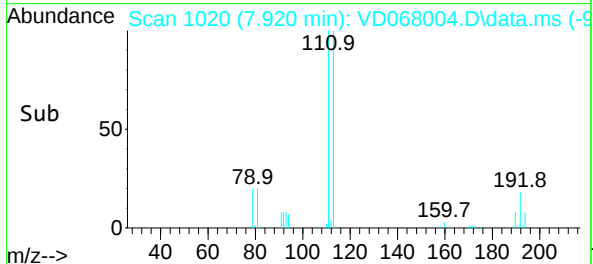
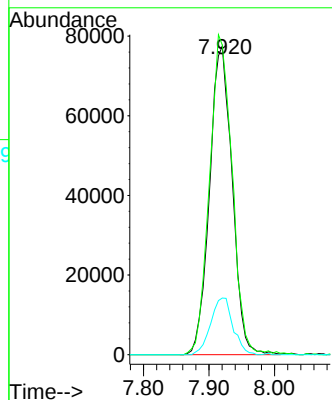
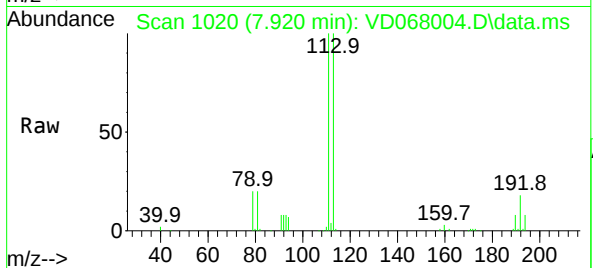
Tgt Ion:113 Resp: 185175

Ion Ratio Lower Upper

113 100

111 104.3 79.3 118.9

192 18.2 14.5 21.7



#36

1,1-Dichloropropene

Concen: 4.01 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068004.D

Acq: 05 Jan 2021 13:01

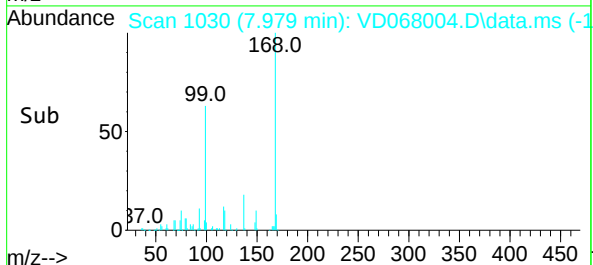
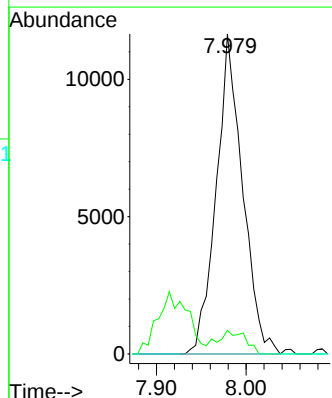
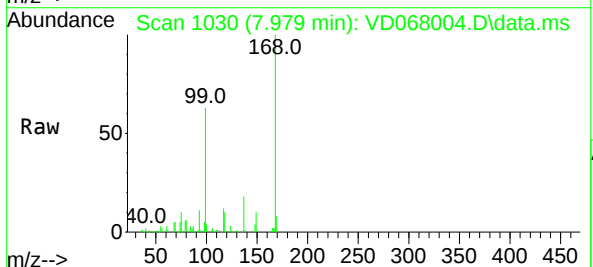
Tgt Ion: 75 Resp: 23711

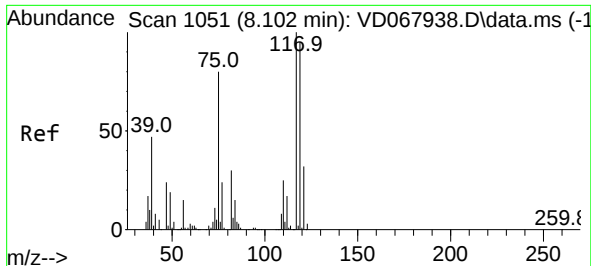
Ion Ratio Lower Upper

75 100

110 7.7 17.0 51.0#

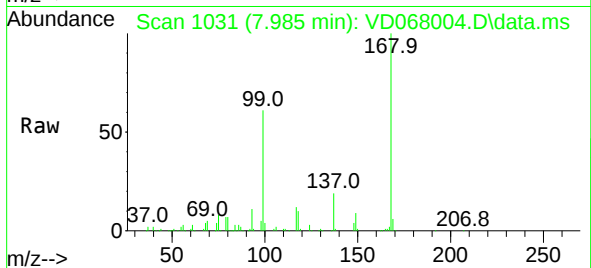
77 0.0 24.6 37.0#



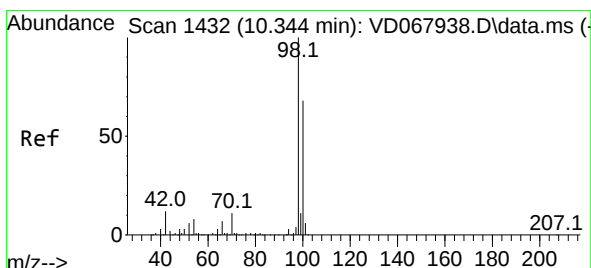
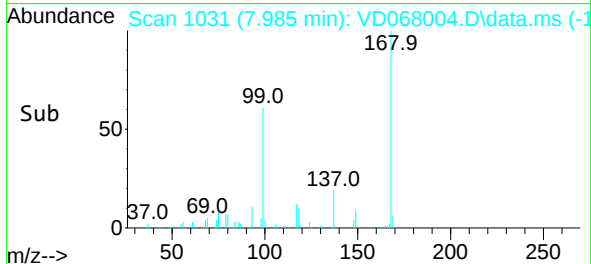
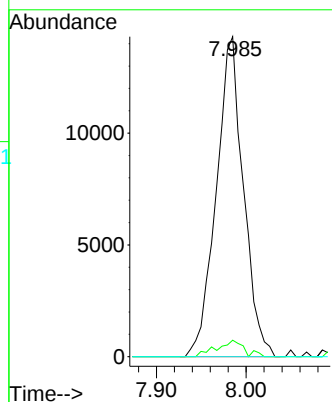


#38
Carbon Tetrachloride
Concen: 5.33 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Instrument :
MSVOA_D
ClientSampleId :

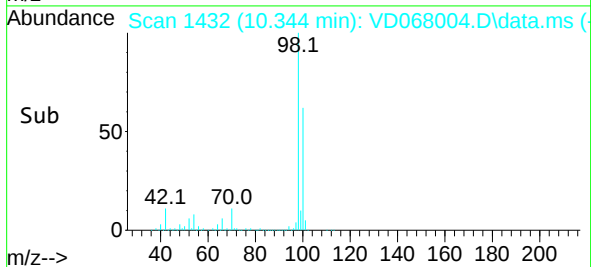
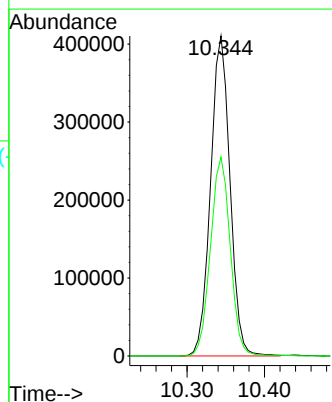
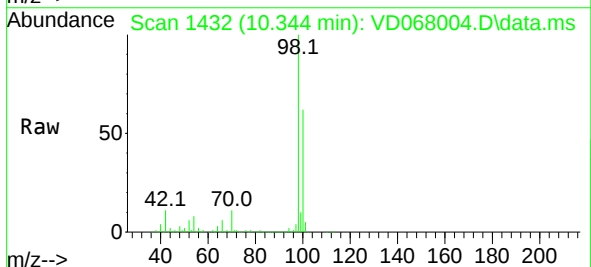


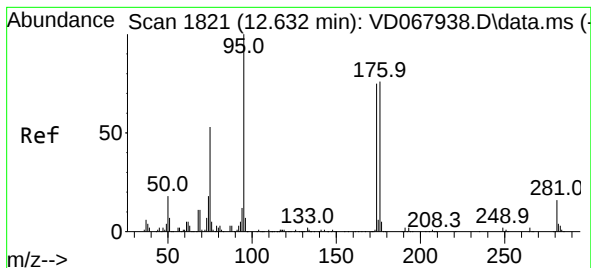
Tgt Ion:117 Resp: 30066
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.4#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 54.30 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Tgt Ion: 98 Resp: 715155
Ion Ratio Lower Upper
98 100
100 63.3 52.5 78.7

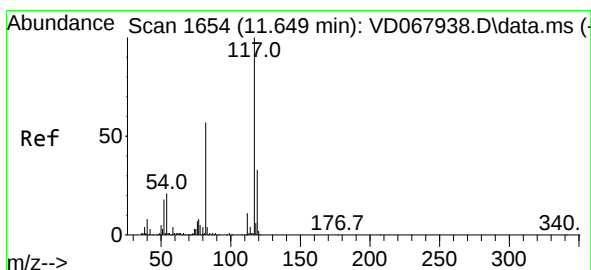
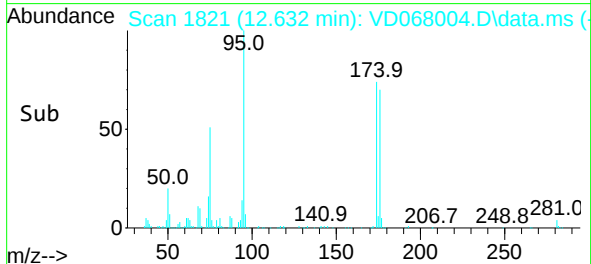
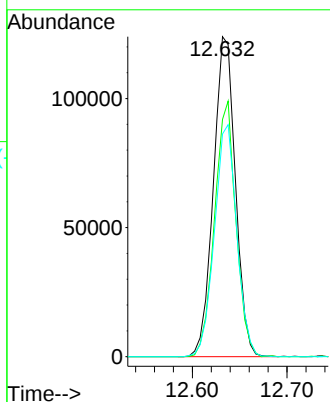
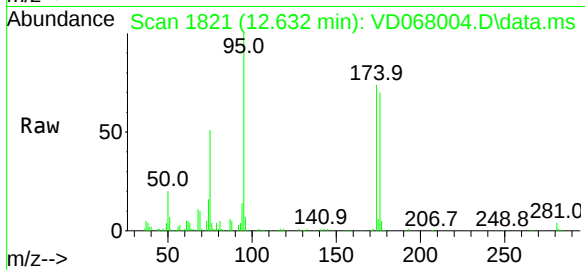




#62
4-Bromofluorobenzene
Concen: 44.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

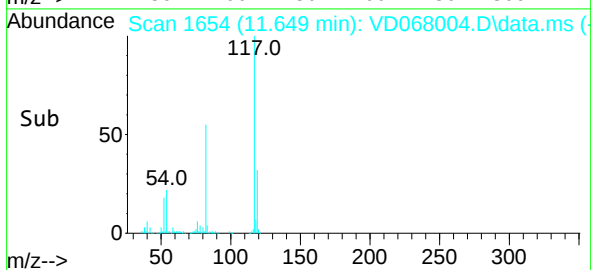
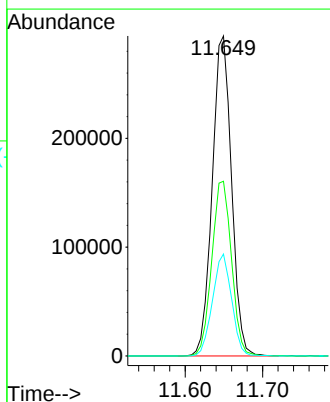
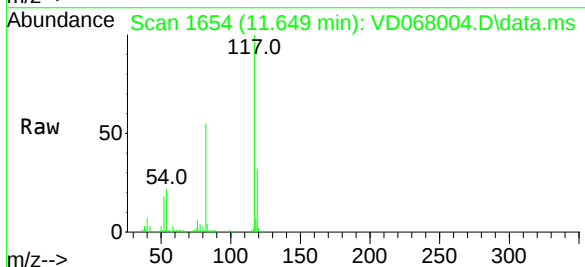
Instrument :
MSVOA_D
ClientSampleId :

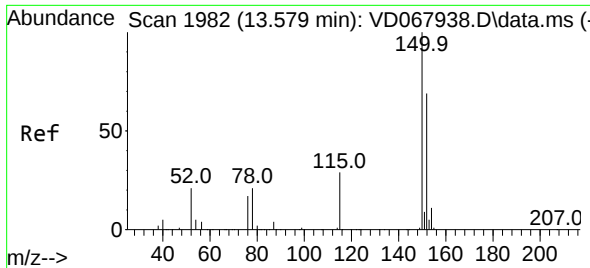
Tgt Ion: 95 Resp: 200272
Ion Ratio Lower Upper
95 100
174 77.3 0.0 150.6
176 73.5 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068004.D
Acq: 05 Jan 2021 13:01

Tgt Ion: 117 Resp: 508595
Ion Ratio Lower Upper
117 100
82 54.6 45.4 68.0
119 31.9 26.7 40.1

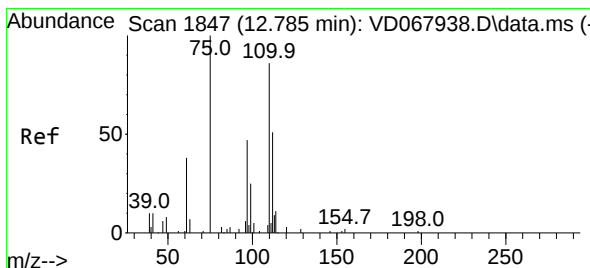
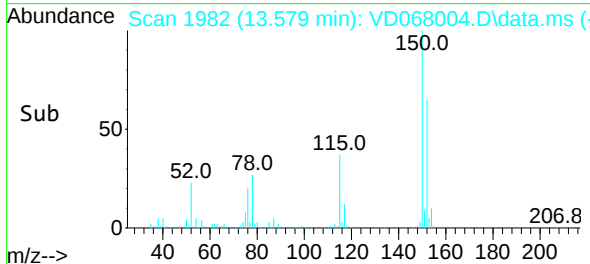
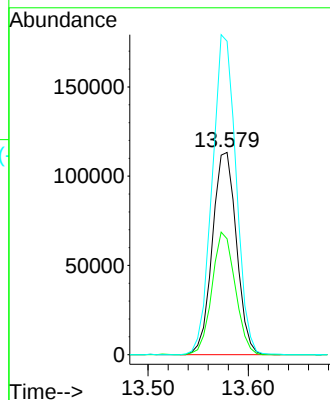
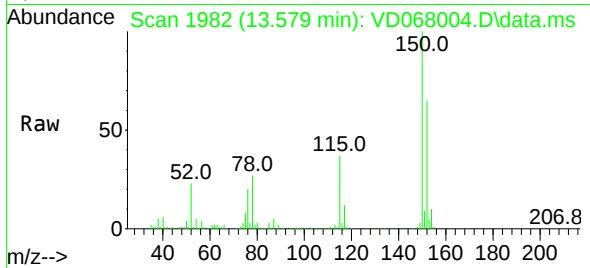




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD068004.D
 Acq: 05 Jan 2021 13:01

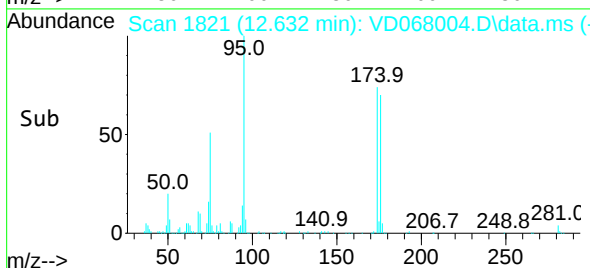
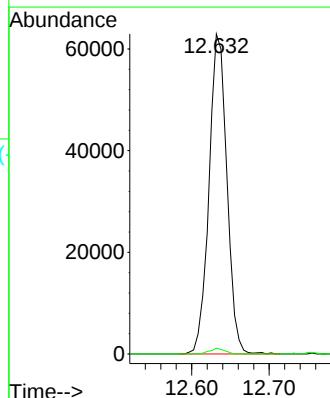
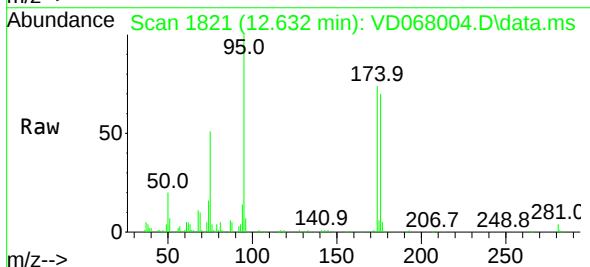
Instrument :
 MSVOA_D
 ClientSampled :

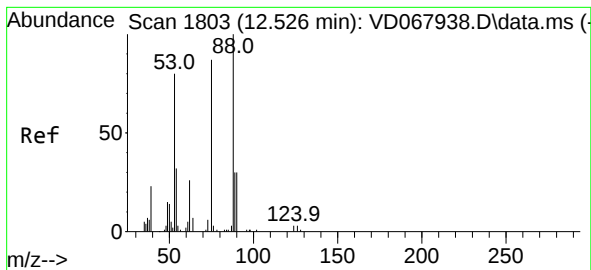
Tgt Ion:152 Resp: 188906
 Ion Ratio Lower Upper
 152 100
 115 58.5 29.3 88.0
 150 157.1 0.0 340.0



#76
 1,2,3-Trichloropropane
 Concen: 63.50 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068004.D
 Acq: 05 Jan 2021 13:01

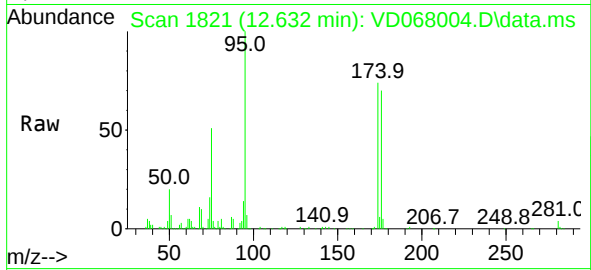
Tgt Ion: 75 Resp: 100992
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.16 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068004.D
 Acq: 05 Jan 2021 13:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 100992
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.9 112.3#
 89 0.1 33.8 50.8#

