

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068040.D
 Acq On : 07 Jan 2021 17:56
 Operator : VA/SY
 Sample : M1042-01
 Misc : 5.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11939

Quant Time: Jan 08 00:17:09 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)

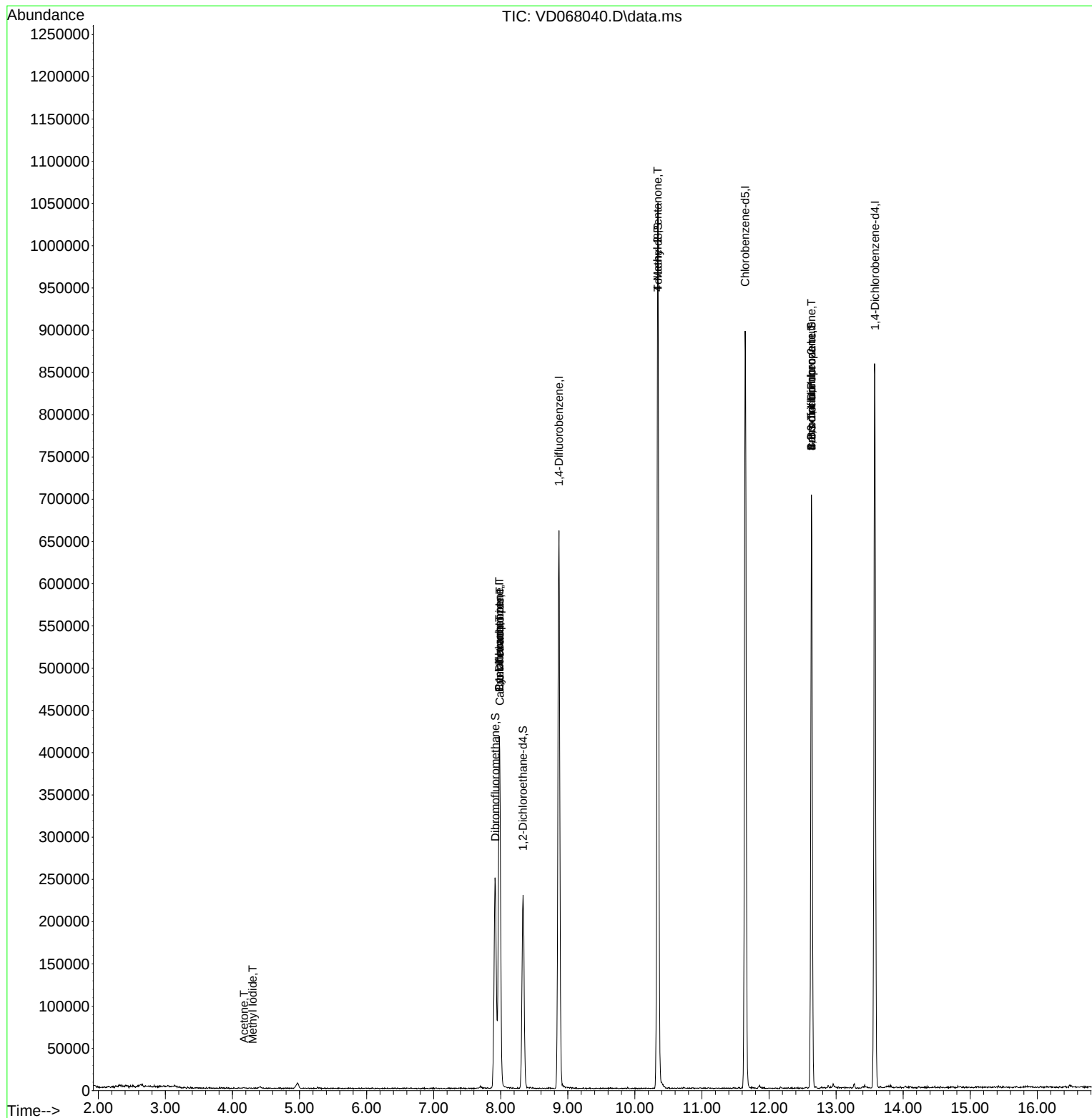
Internal Standards						
1) Pentafluorobenzene	7.979	168	298206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	549871	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	525063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	222810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	180221	55.97	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.94%			
35) Dibromofluoromethane	7.920	113	178306	51.46	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.92%			
50) Toluene-d8	10.344	98	695064	53.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.74%			
62) 4-Bromofluorobenzene	12.632	95	224206	50.33	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.66%			
Target Compounds						
5) Bromomethane	2.703	94	81	Below Cal	#	1
10) Methyl Iodide	4.303	142	79	3.87 ug/l	#	41
11) Tert butyl alcohol	5.215	59	67	Below Cal	#	74
16) Acetone	4.173	43	855	1.39 ug/l	#	89
20) Methylene Chloride	4.967	84	4631	Below Cal	#	81
31) Cyclohexane	7.979	56	7003	1.06 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	26322	4.50 ug/l	#	50
38) Carbon Tetrachloride	7.985	117	32286	5.78 ug/l	#	15
51) 4-Methyl-2-Pentanone	10.338	43	3728	1.66 ug/l	#	1
71) Bromoform	12.632	173	2856	1.40 ug/l	#	28
76) 1,2,3-Trichloropropane	12.632	75	114807	61.20 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	114807	125.45 ug/l	#	12

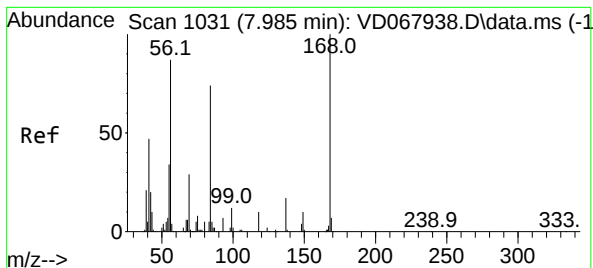
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
Data File : VD068040.D
Acq On : 07 Jan 2021 17:56
Operator : VA/SY
Sample : M1042-01
Misc : 5.53G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
11939

Quant Time: Jan 08 00:17:09 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

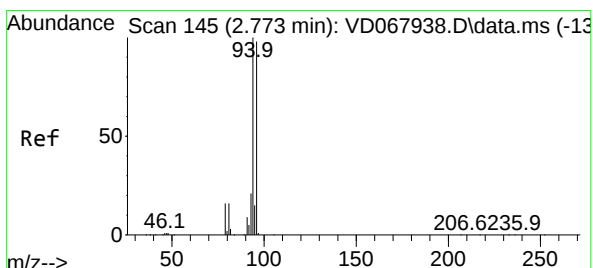
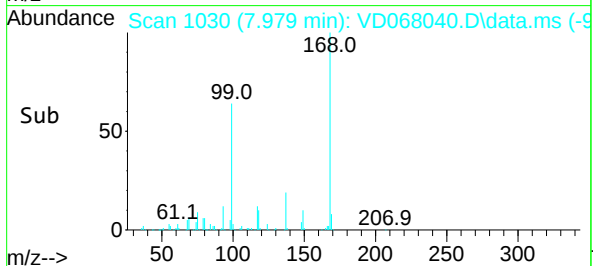
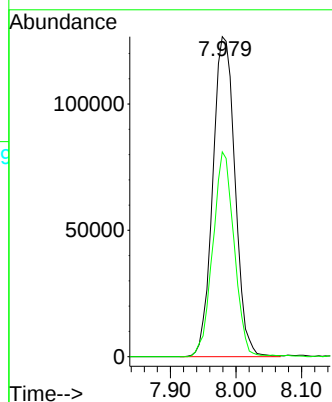
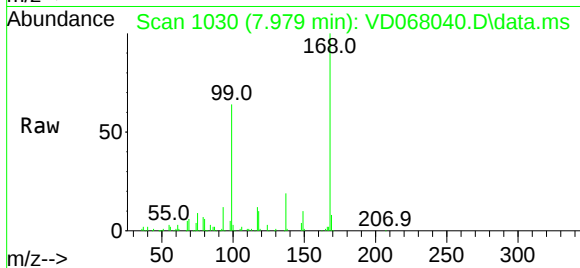




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

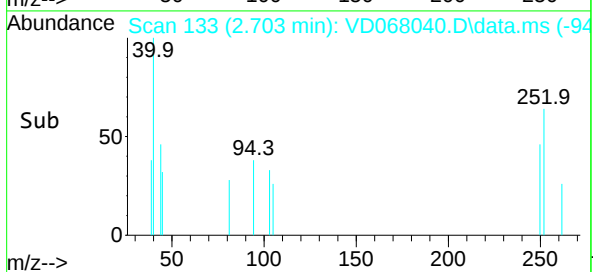
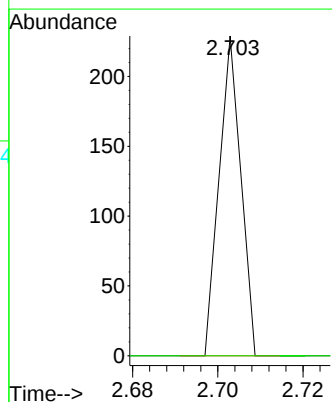
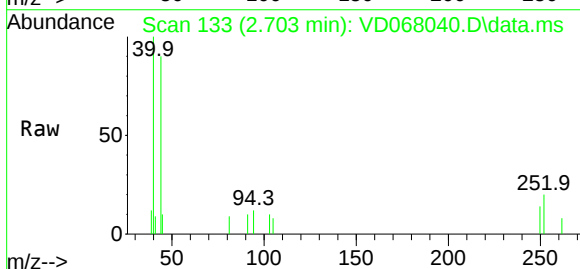
Instrument :
MSVOA_D
ClientSampleId :
11939

Tgt Ion:168 Resp: 298206
Ion Ratio Lower Upper
168 100
99 64.0 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.703 min Scan# 133
Delta R.T. -0.070 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

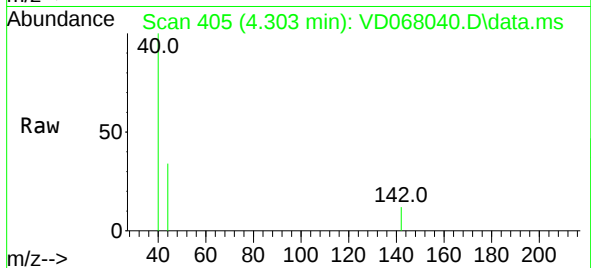
Tgt Ion: 94 Resp: 81
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



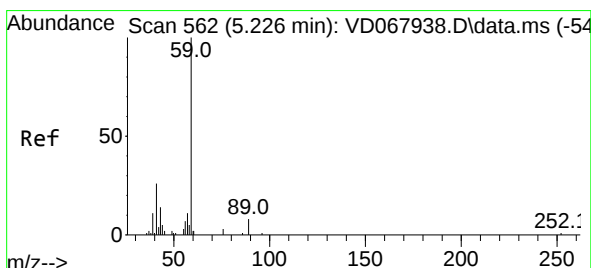
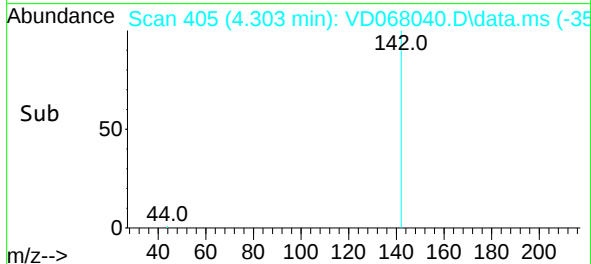
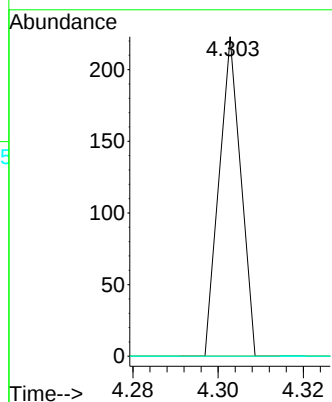


#10
Methyl Iodide
Concen: 3.87 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Instrument :
MSVOA_D
ClientSampled :
11939

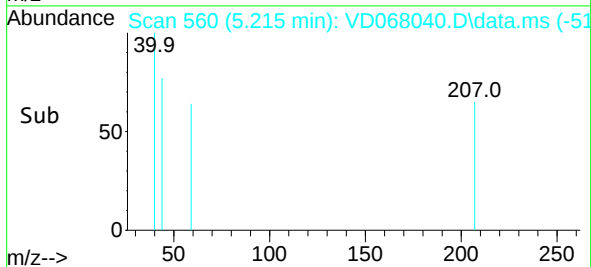
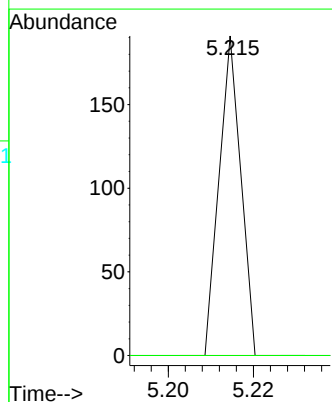
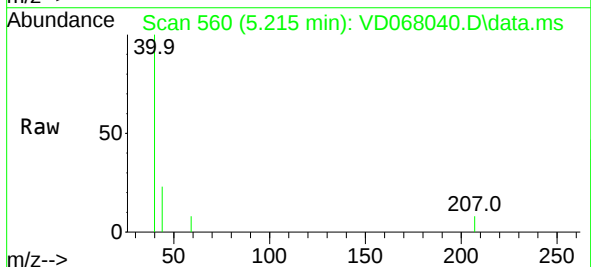


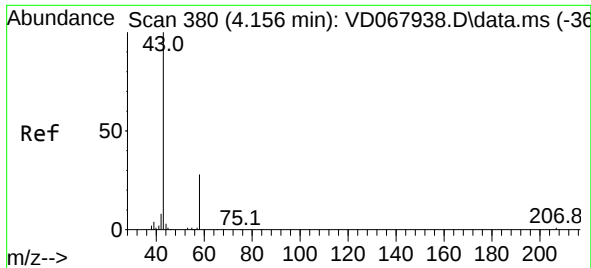
Tgt Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.011 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

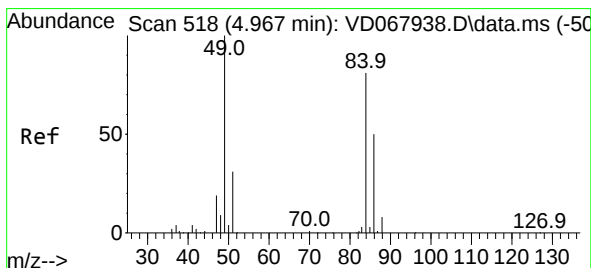
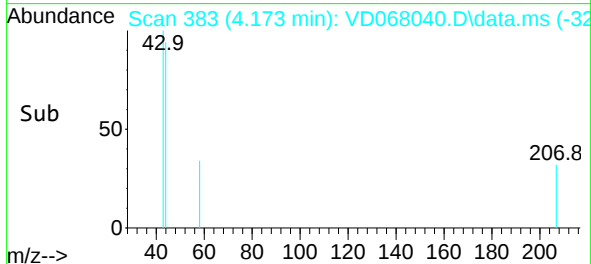
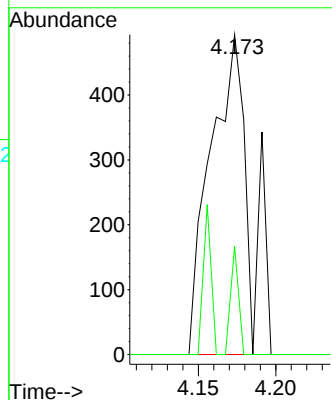
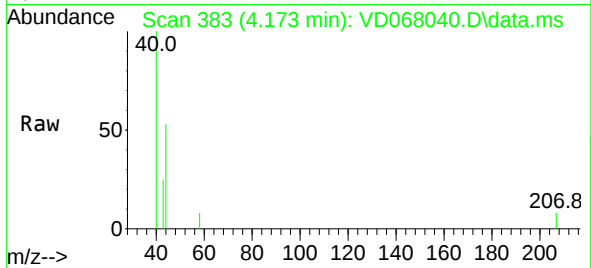




#16
Acetone
Concen: 1.39 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

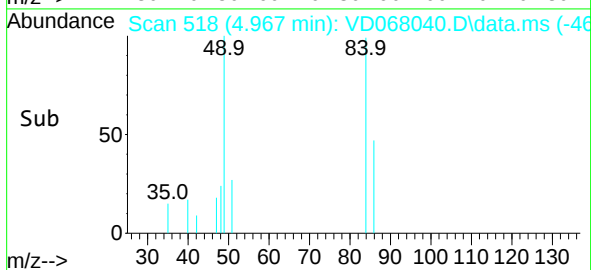
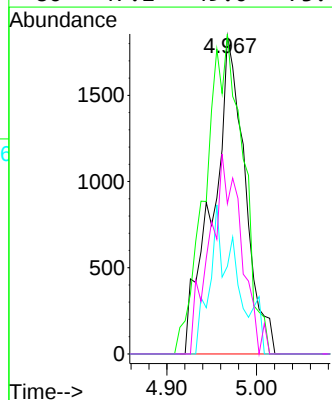
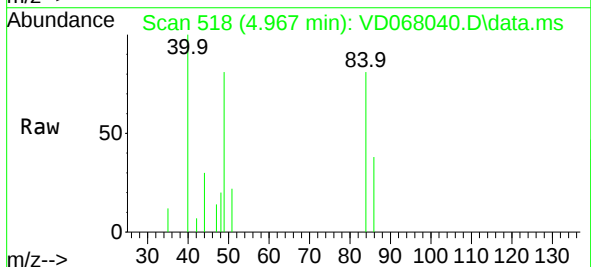
Instrument :
MSVOA_D
ClientSampled :
11939

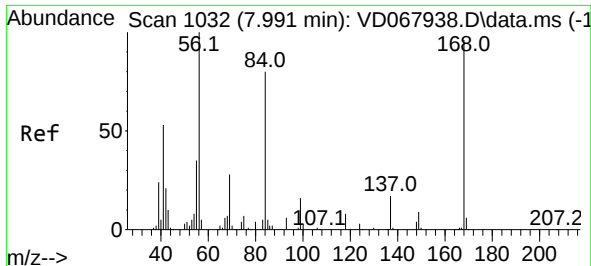
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 33.9 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

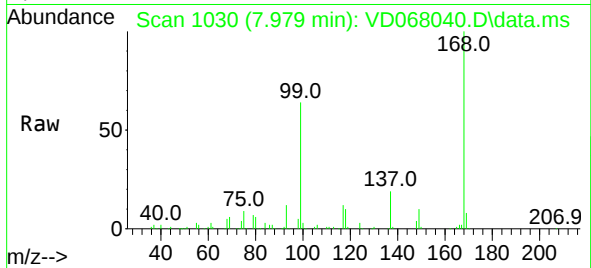
Tgt Ion: 84 Resp: 4631
Ion Ratio Lower Upper
84 100
49 100.7 98.3 147.5
51 27.5 30.3 45.5#
86 47.2 49.0 73.4#



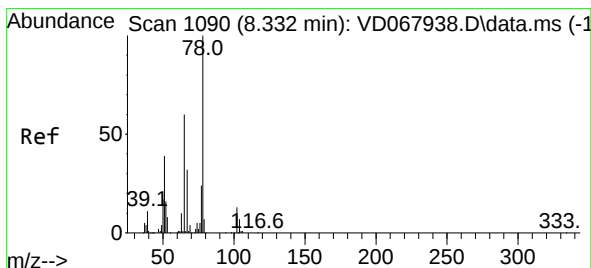
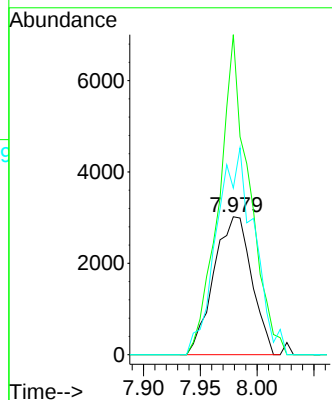
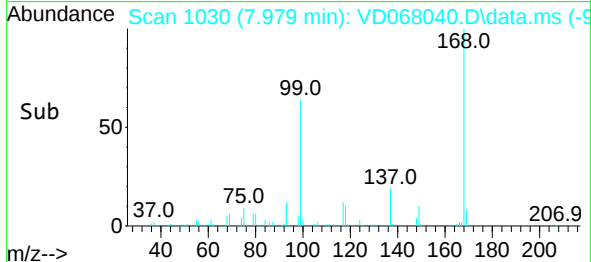


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

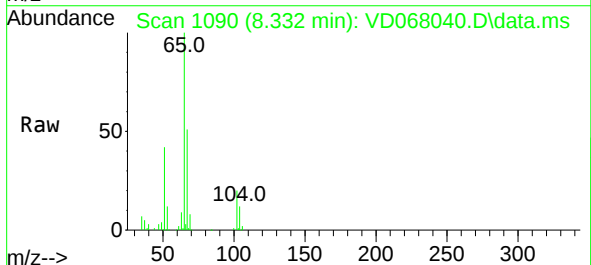
Instrument :
MSVOA_D
ClientSampled :
11939



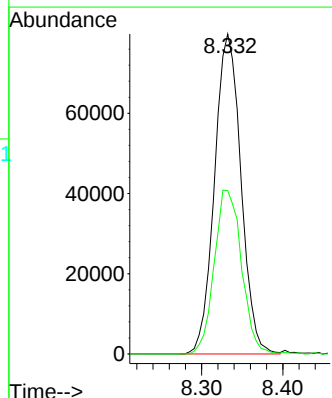
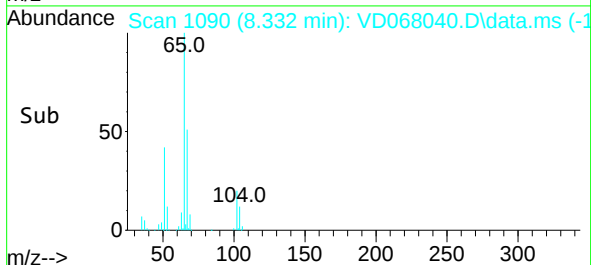
Tgt Ion: 56 Resp: 7003
Ion Ratio Lower Upper
56 100
69 231.9 22.7 34.1#
84 120.8 64.2 96.4#

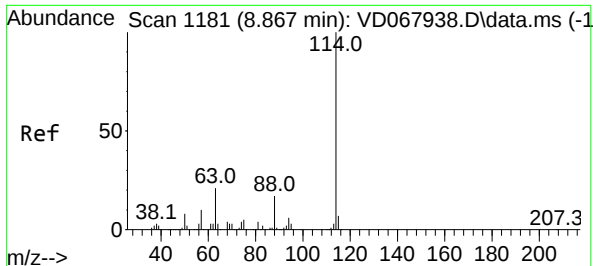


#33
1,2-Dichloroethane-d4
Concen: 55.97 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56



Tgt Ion: 65 Resp: 180221
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.0

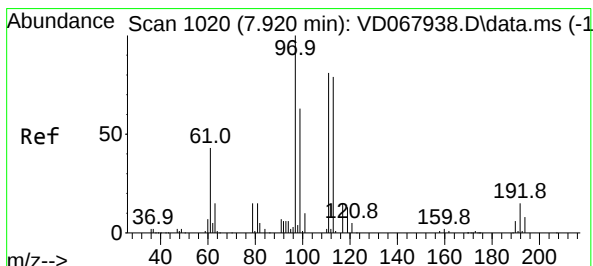
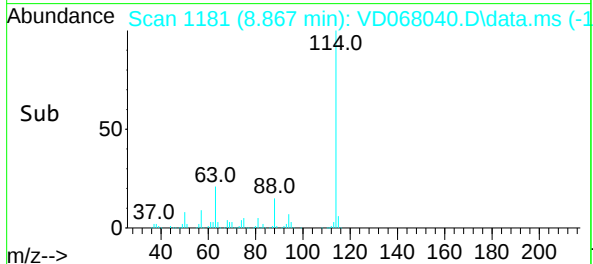
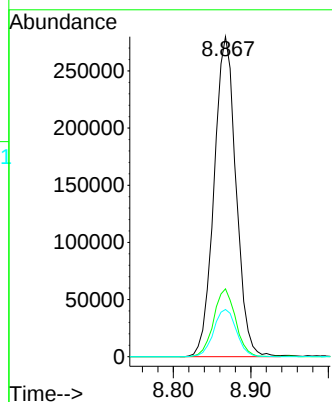
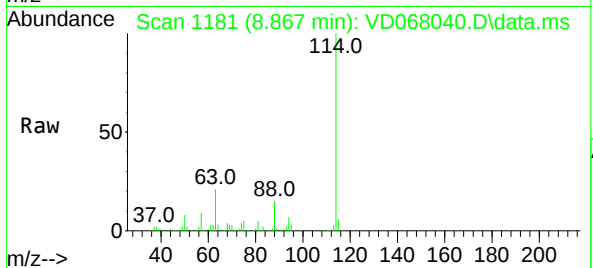




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

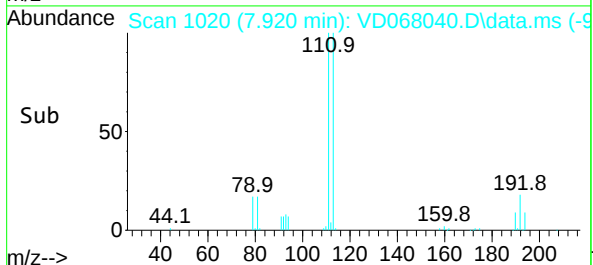
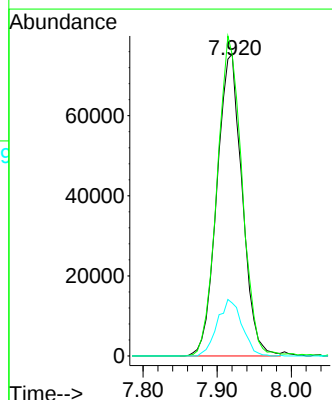
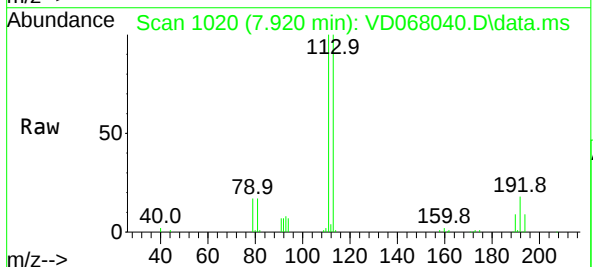
Instrument :
MSVOA_D
ClientSampled :
11939

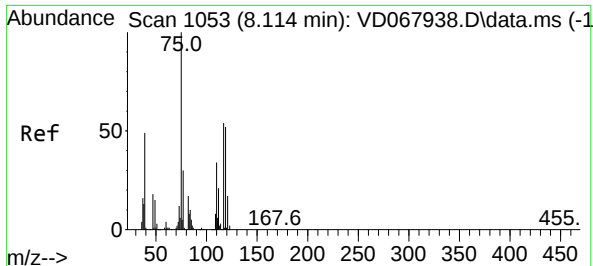
Tgt Ion:114 Resp: 549871
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.4
88 14.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.46 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion:113 Resp: 178306
Ion Ratio Lower Upper
113 100
111 104.9 79.3 118.9
192 18.3 14.5 21.7

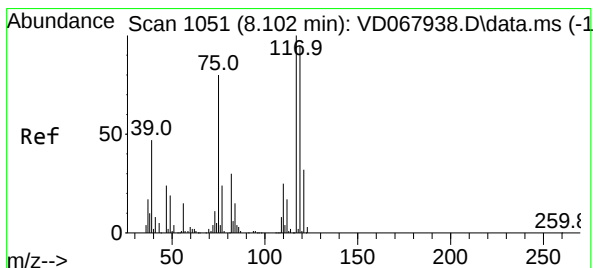
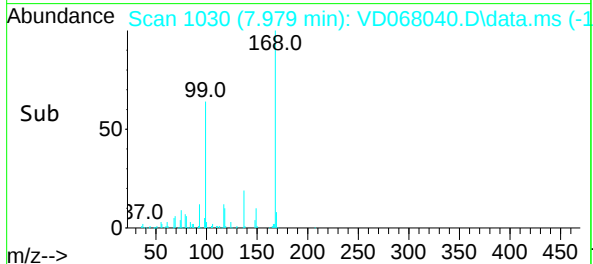
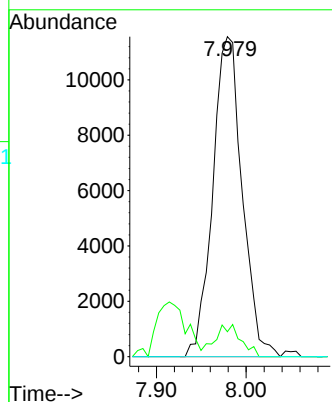
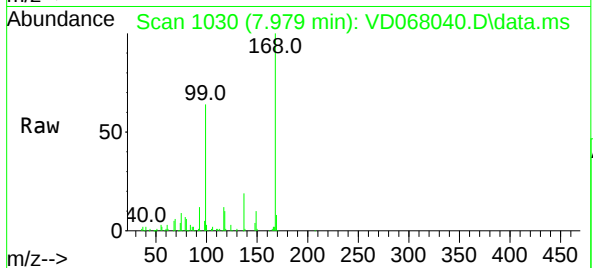




#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

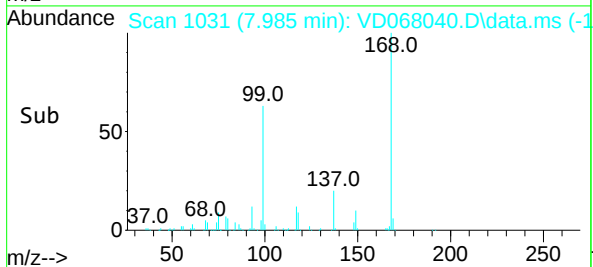
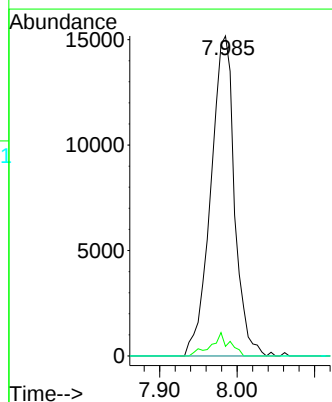
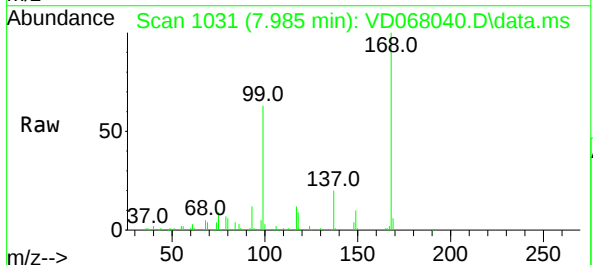
Instrument :
MSVOA_D
ClientSampled :
11939

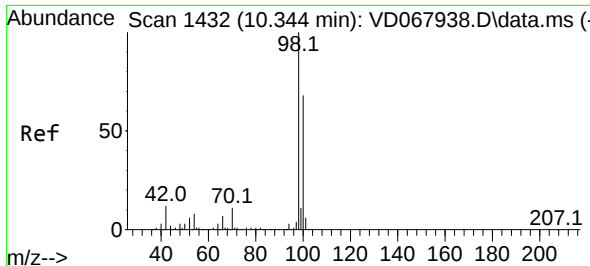
Tgt Ion: 75 Resp: 26322
Ion Ratio Lower Upper
75 100
110 8.8 17.0 51.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.78 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion: 117 Resp: 32286
Ion Ratio Lower Upper
117 100
119 3.0 76.2 114.4#
121 0.0 25.9 38.9#

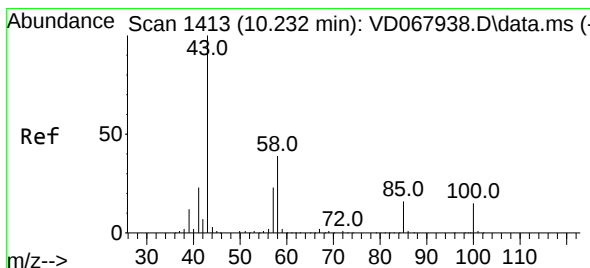
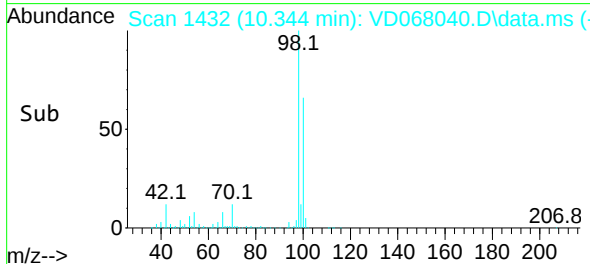
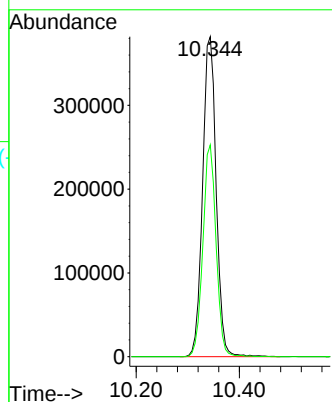
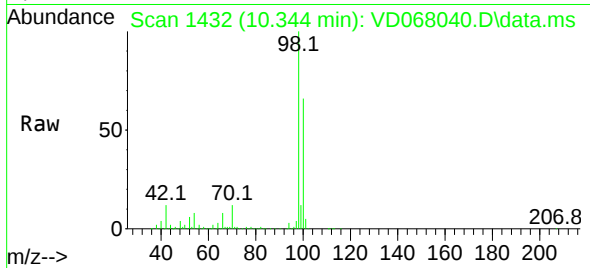




#50
Toluene-d8
Concen: 53.37 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

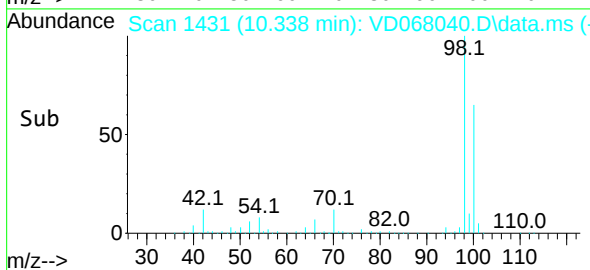
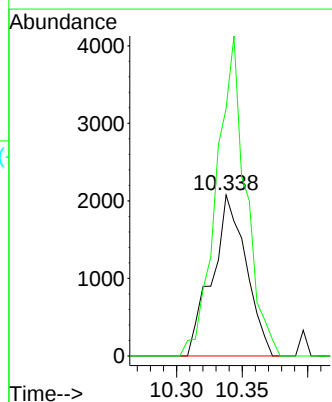
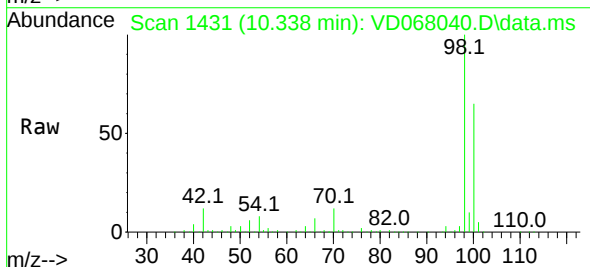
Instrument :
MSVOA_D
ClientSampleId :
11939

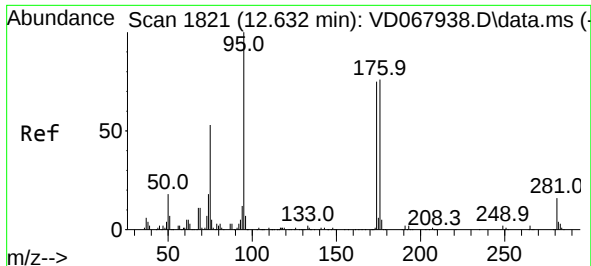
Tgt Ion: 98 Resp: 695064
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.66 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion: 43 Resp: 3728
Ion Ratio Lower Upper
43 100
58 173.1 30.0 45.0#

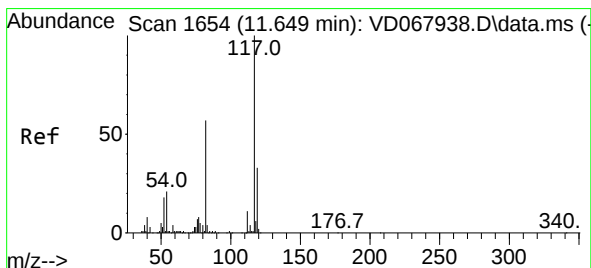
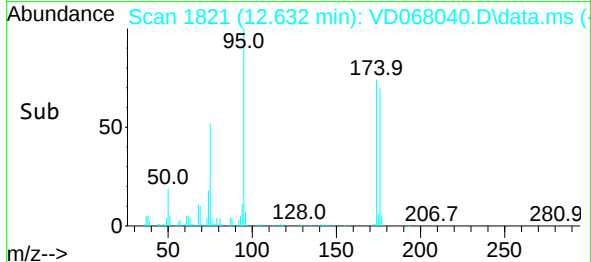
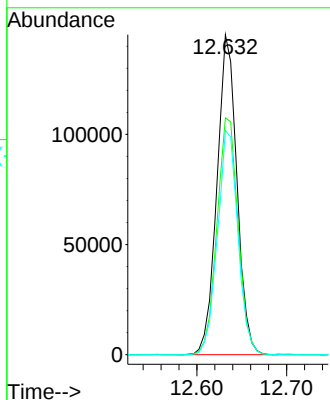
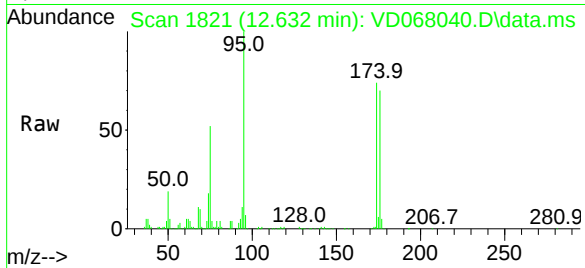




#62
4-Bromofluorobenzene
Concen: 50.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

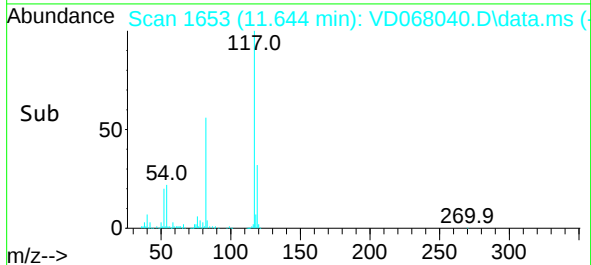
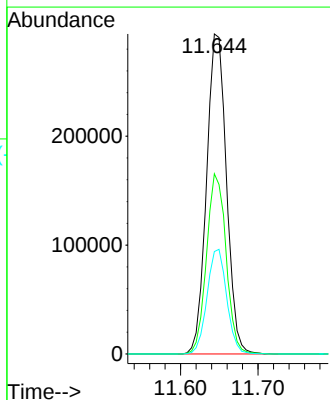
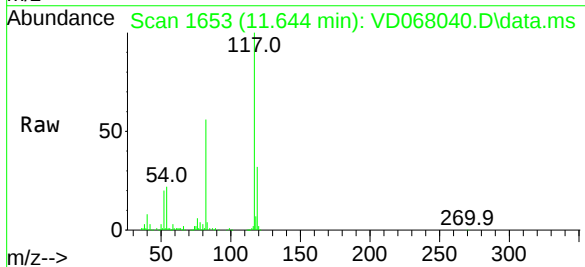
Instrument :
MSVOA_D
ClientSampleId :
11939

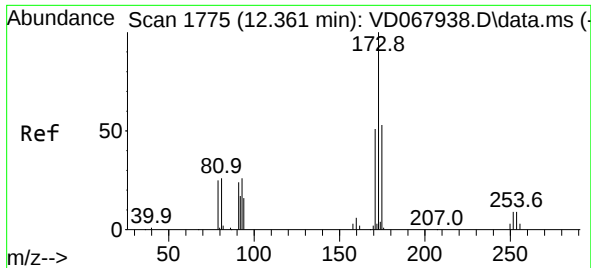
Tgt Ion: 95 Resp: 224206
Ion Ratio Lower Upper
95 100
174 78.5 0.0 150.6
176 72.1 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion: 117 Resp: 525063
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 32.0 26.7 40.1

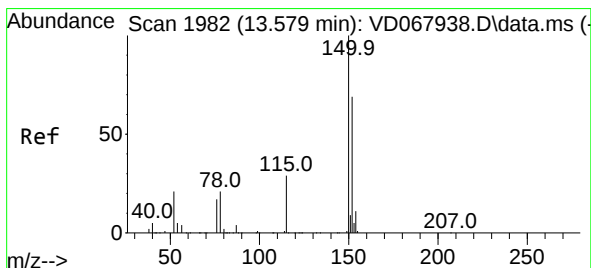
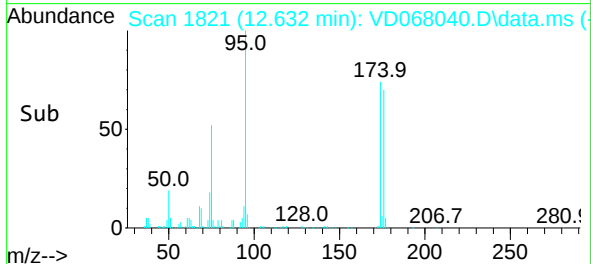
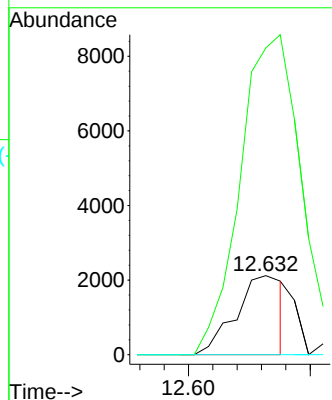
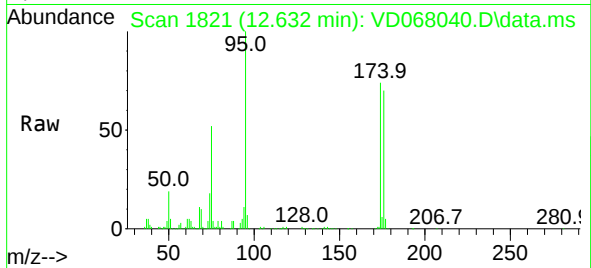




#71
Bromoform
Concen: 1.40 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

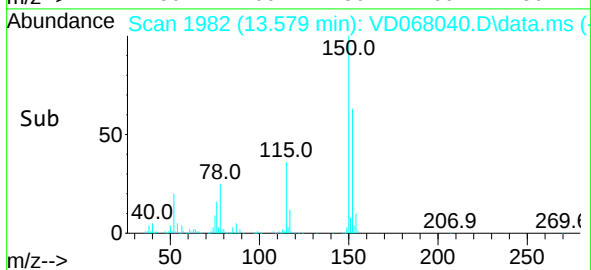
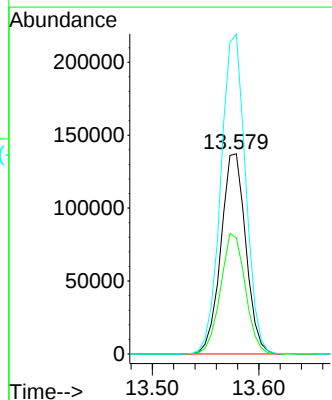
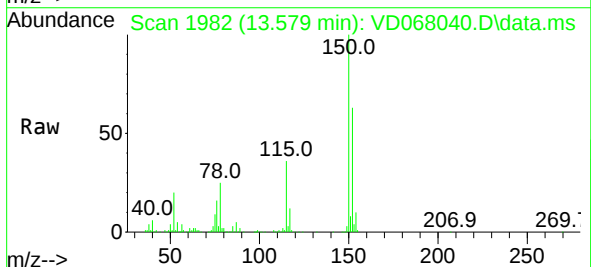
Instrument :
MSVOA_D
ClientSampled :
11939

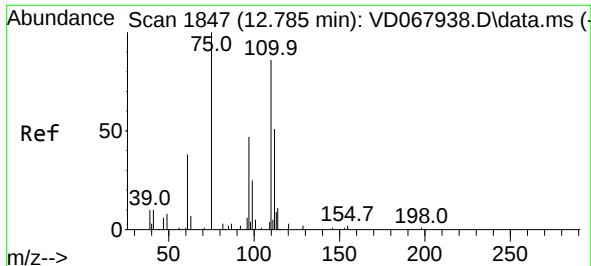
Tgt Ion:173 Resp: 2856
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion:152 Resp: 222810
Ion Ratio Lower Upper
152 100
115 59.8 29.3 88.0
150 158.8 0.0 340.0

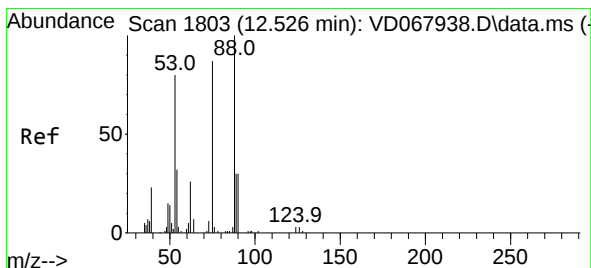
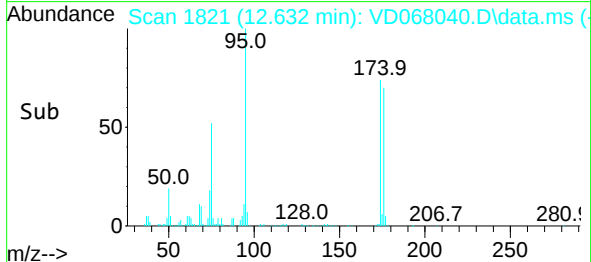
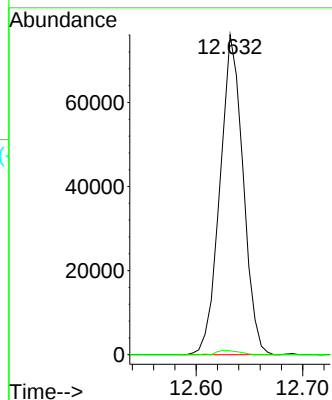
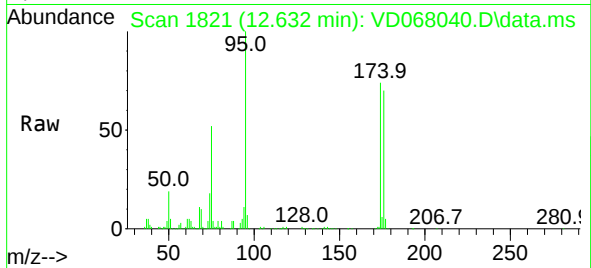




#76
1,2,3-Trichloropropane
Concen: 61.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Instrument :
MSVOA_D
ClientSampled :
11939

Tgt Ion: 75 Resp: 114807
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.45 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068040.D
Acq: 07 Jan 2021 17:56

Tgt Ion: 75 Resp: 114807
Ion Ratio Lower Upper
75 100
53 0.1 74.9 112.3#
89 0.0 33.8 50.8#

