

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122420\
 Data File : VD067947.D
 Acq On : 24 Dec 2020 15:43
 Operator : VA/SY
 Sample : L5125-02
 Misc : 6.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 25 00:15:46 2020
 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)

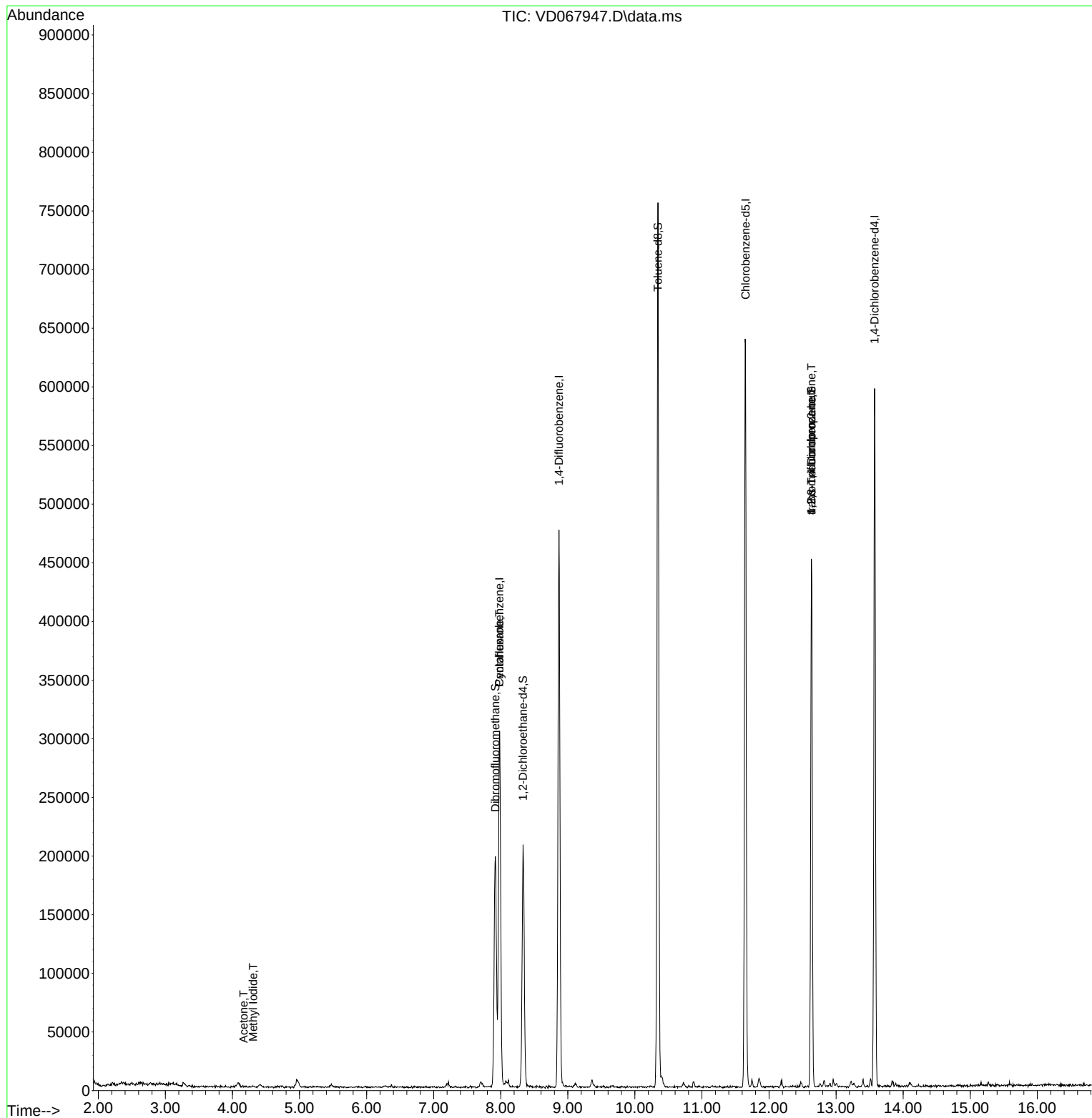
Internal Standards						
1) Pentafluorobenzene	7.979	168	209525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	397538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	369096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	154344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	158742	70.16	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.32%			
35) Dibromofluoromethane	7.920	113	144936	57.86	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.72%			
50) Toluene-d8	10.344	98	493672	52.43	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.86%			
62) 4-Bromofluorobenzene	12.632	95	150210	46.64	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.28%			
Target Compounds						
5) Bromomethane	2.773	94	1177	Below Cal	#	78
10) Methyl Iodide	4.309	142	672	4.10 ug/l	#	61
11) Tert butyl alcohol	5.232	59	181	Below Cal	#	74
16) Acetone	4.168	43	1010	2.34 ug/l	#	47
20) Methylene Chloride	4.962	84	4230	Below Cal	#	73
31) Cyclohexane	7.979	56	7872	1.70 ug/l	#	35
76) 1,2,3-Trichloropropane	12.632	75	78678	60.55 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	78678	124.11 ug/l	#	12

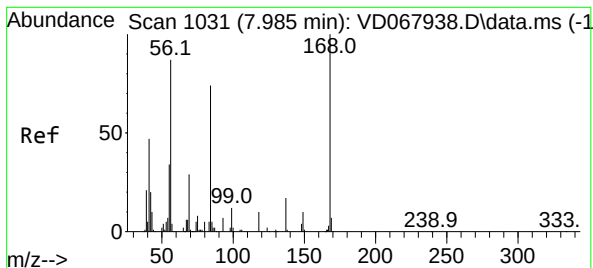
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

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Quant Time: Dec 25 00:15:46 2020
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

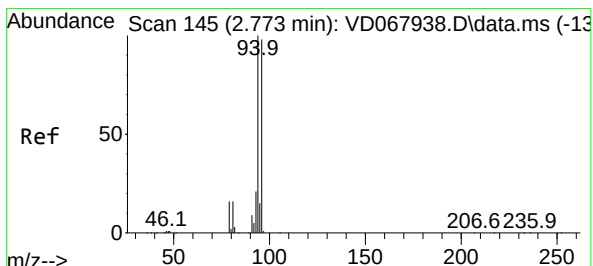
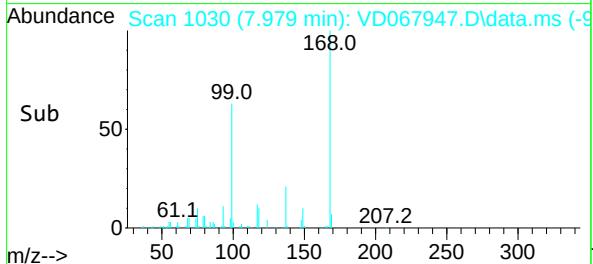
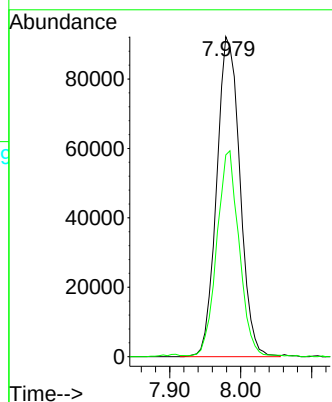
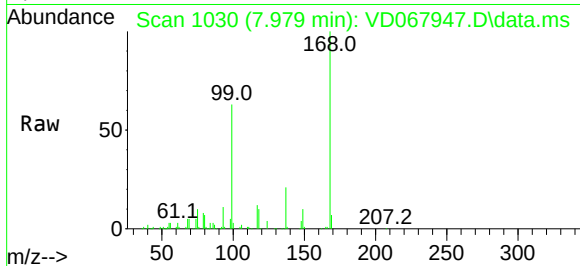




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

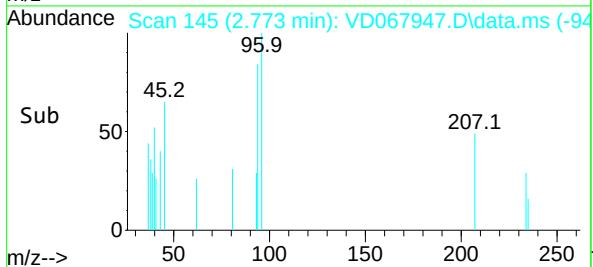
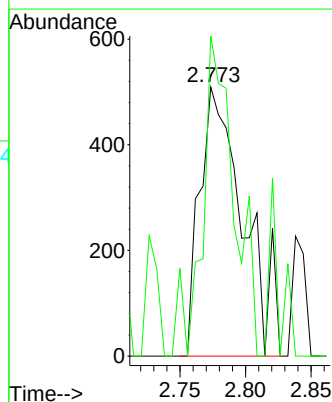
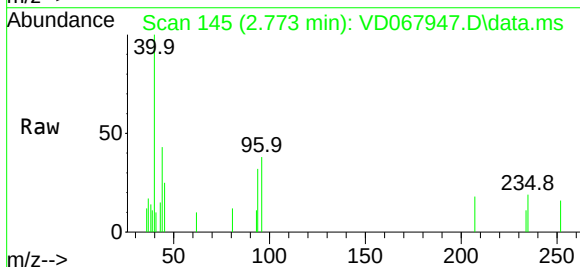
Instrument :
MSVOA_D
ClientSampleId :

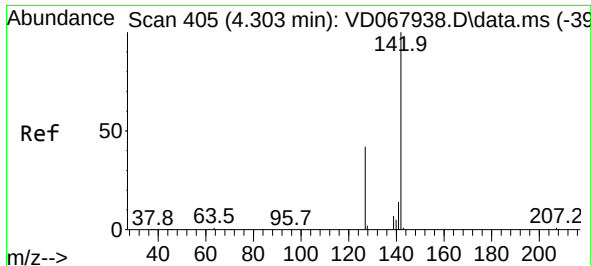
Tgt Ion:168 Resp: 209525
Ion Ratio Lower Upper
168 100
99 62.7 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

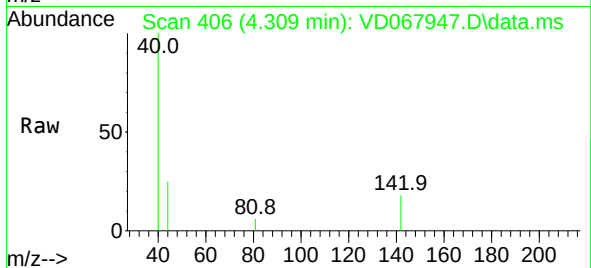
Tgt Ion: 94 Resp: 1177
Ion Ratio Lower Upper
94 100
96 119.1 78.0 117.0#



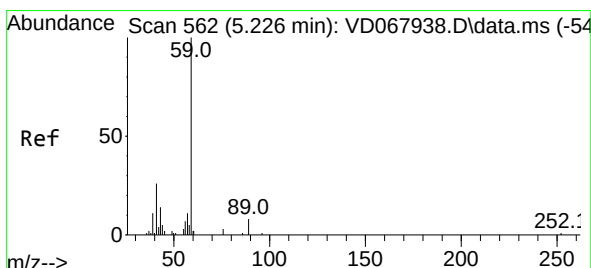
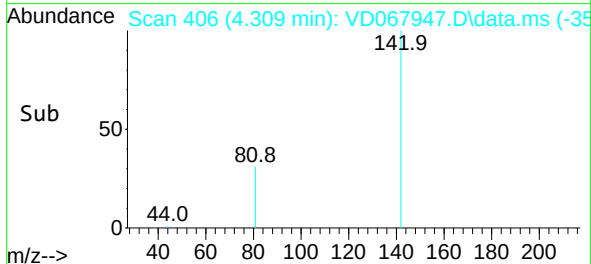
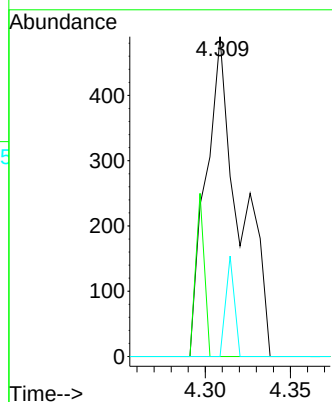


#10
Methyl Iodide
Concen: 4.10 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Instrument :
MSVOA_D
ClientSampleId :

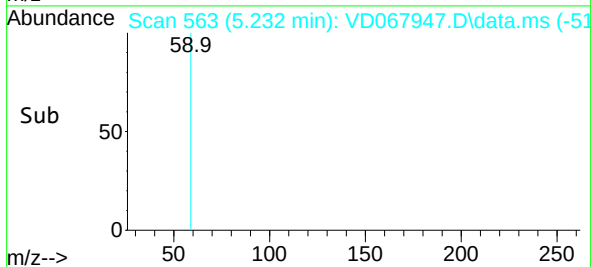
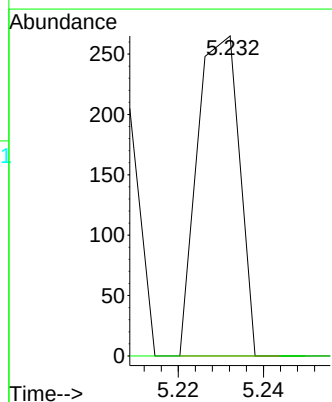
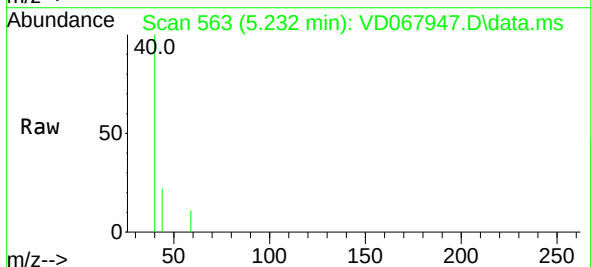


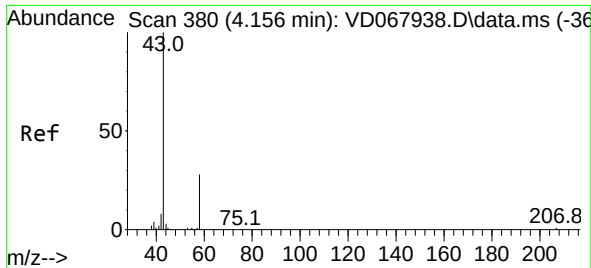
Tgt Ion:142 Resp: 672
Ion Ratio Lower Upper
142 100
127 13.1 34.4 51.6#
141 8.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

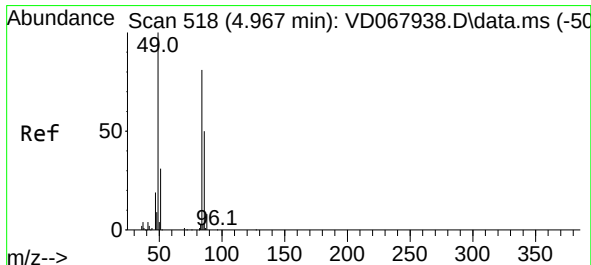
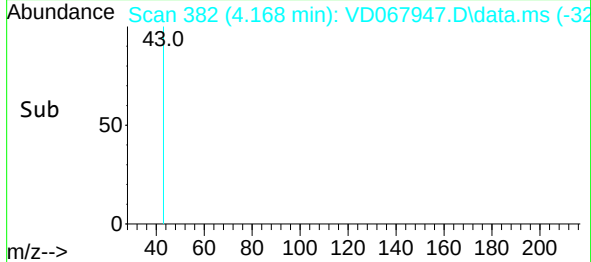
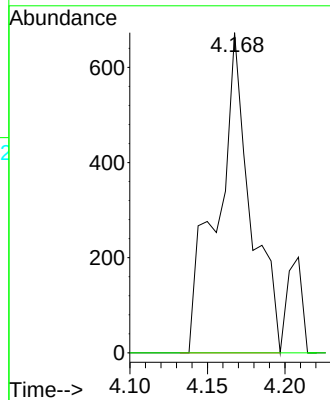
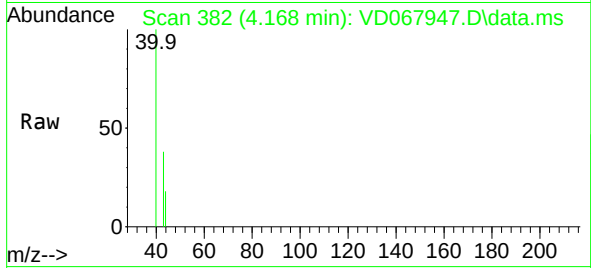




#16
Acetone
Concen: 2.34 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

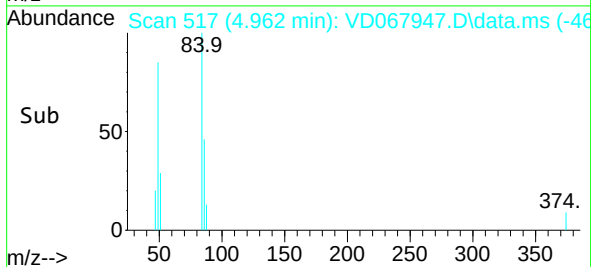
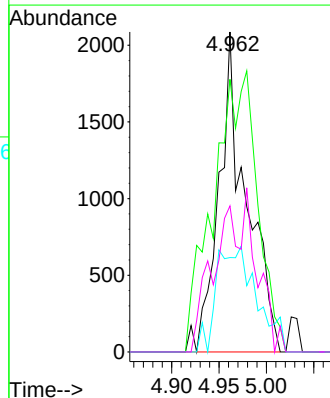
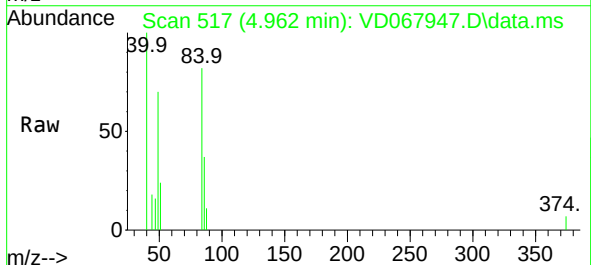
Instrument :
MSVOA_D
ClientSampled :

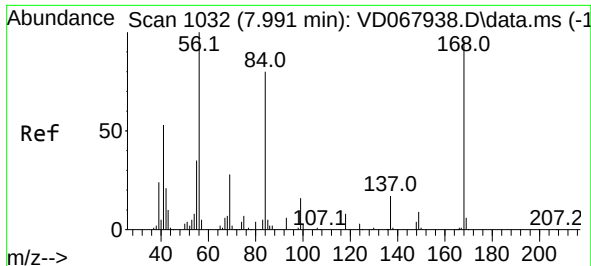
Tgt Ion: 43 Resp: 1010
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Tgt Ion: 84 Resp: 4230
Ion Ratio Lower Upper
84 100
49 85.2 98.3 147.5#
51 29.5 30.3 45.5#
86 45.7 49.0 73.4#





#31

Cyclohexane

Concen: 1.70 ug/l

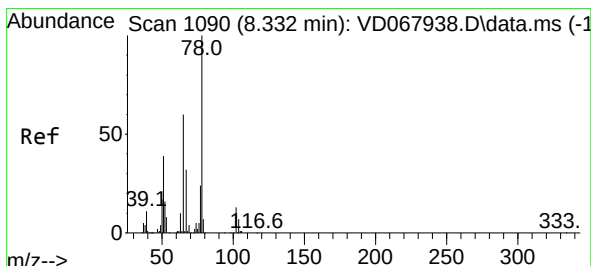
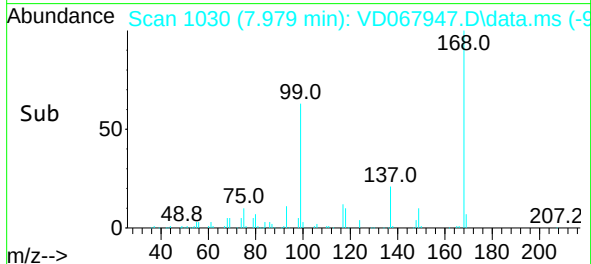
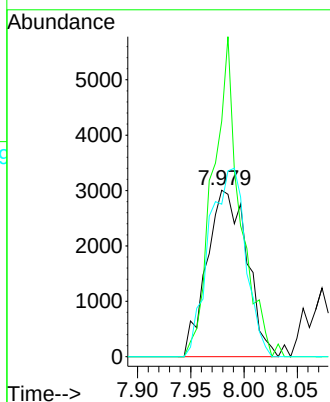
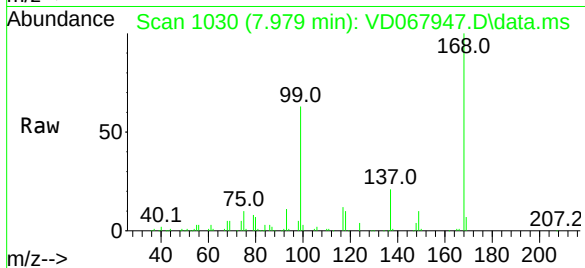
RT: 7.979 min Scan# 1030

Delta R.T. -0.012 min

Lab File: VD067947.D

Acq: 24 Dec 2020 15:43

Tgt Ion:	56	Resp:	7872
Ion	Ratio	Lower	Upper
56	100		
69	141.5	22.7	34.1#
84	91.6	64.2	96.4



#33

1,2-Dichloroethane-d4

Concen: 70.16 ug/l

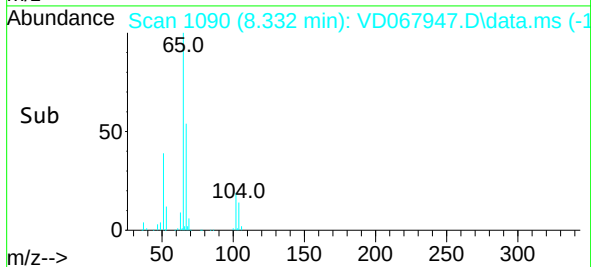
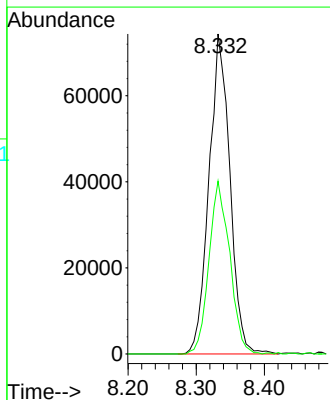
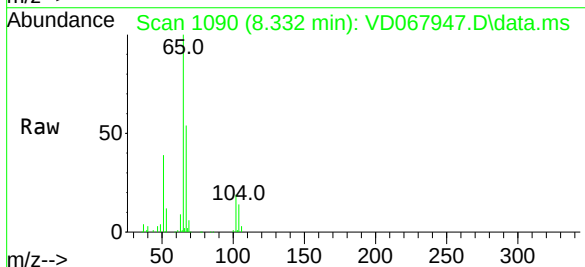
RT: 8.332 min Scan# 1090

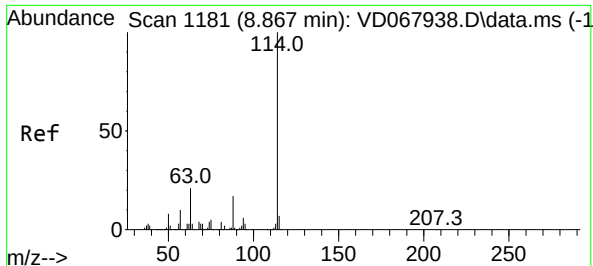
Delta R.T. 0.000 min

Lab File: VD067947.D

Acq: 24 Dec 2020 15:43

Tgt Ion:	65	Resp:	158742
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	110.0



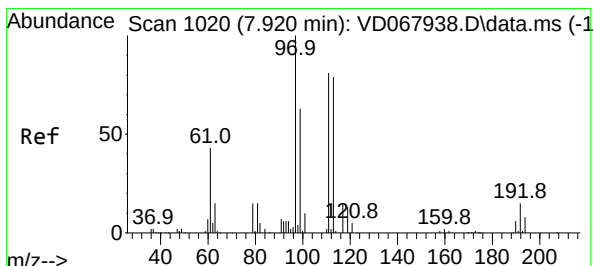
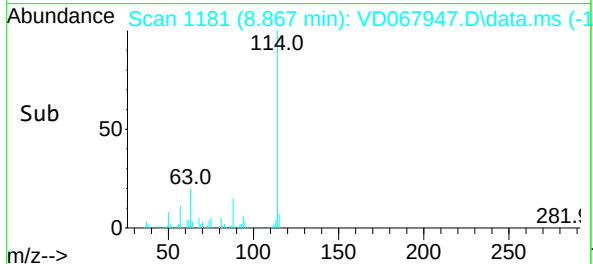
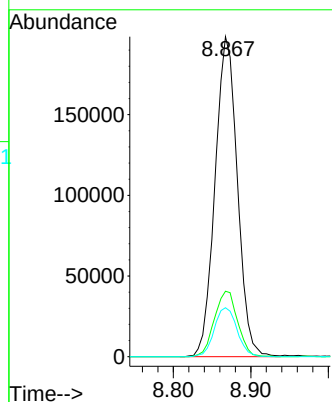
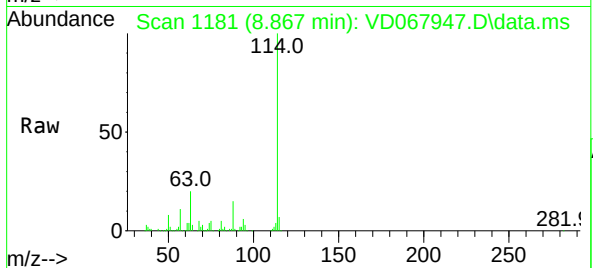


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Instrument :
MSVOA_D
ClientSampleId :

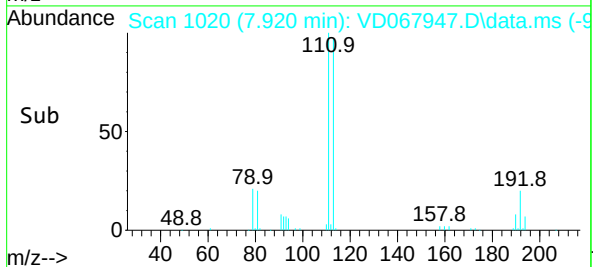
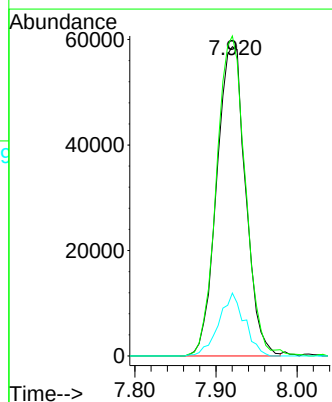
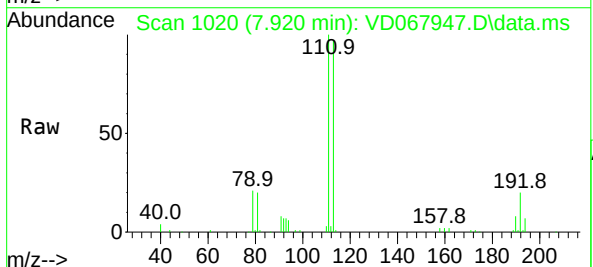
Tgt Ion:114 Resp: 397538
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.4
88 15.3 0.0 33.2

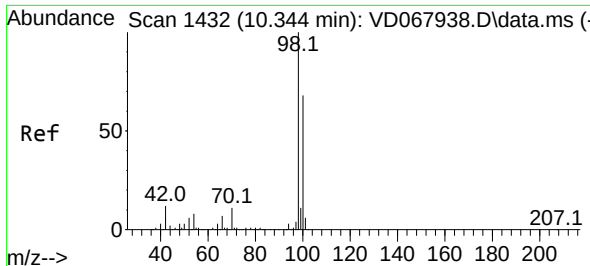


#35

Dibromofluoromethane
Concen: 57.86 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Tgt Ion:113 Resp: 144936
Ion Ratio Lower Upper
113 100
111 103.4 79.3 118.9
192 18.3 14.5 21.7

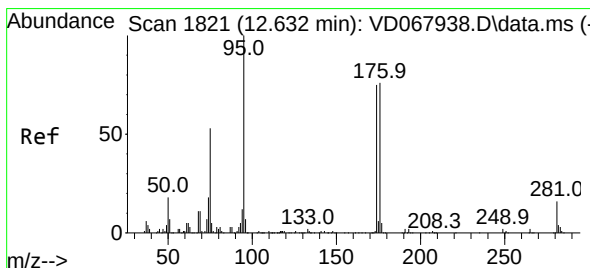
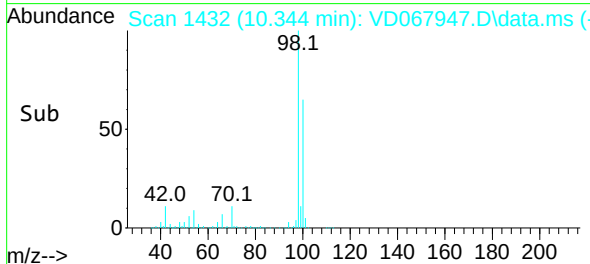
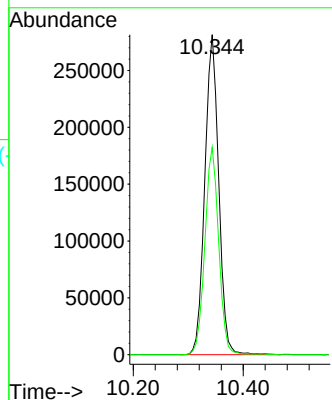
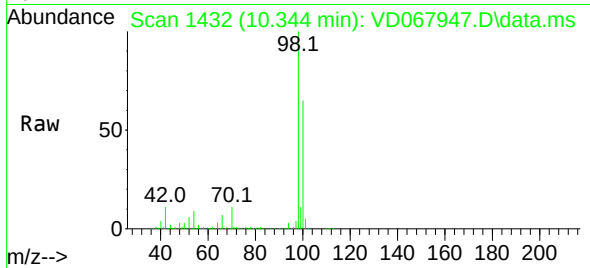




#50
Toluene-d8
Concen: 52.43 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

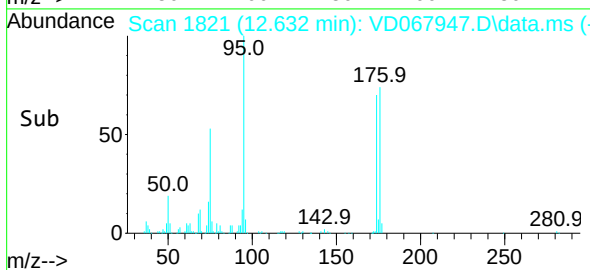
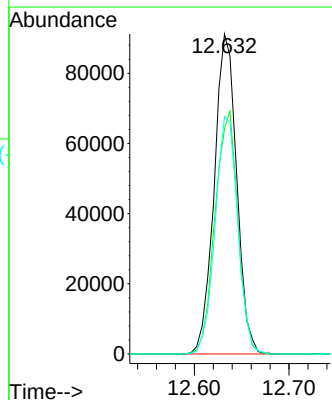
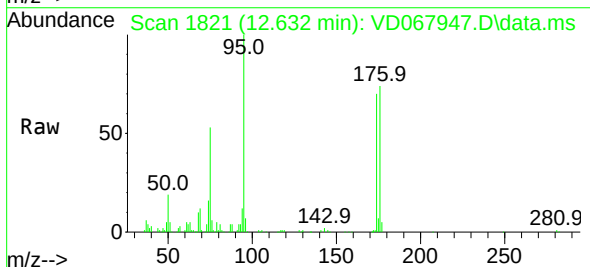
Instrument :
MSVOA_D
ClientSampleId :

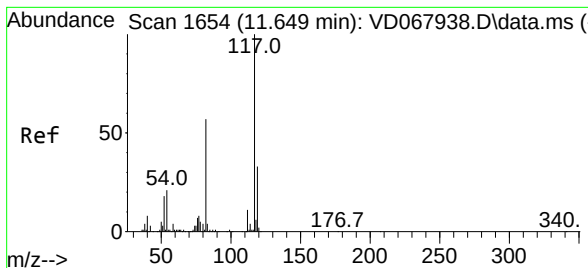
Tgt Ion: 98 Resp: 493672
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 46.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Tgt Ion: 95 Resp: 150210
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.6
176 74.9 0.0 151.2

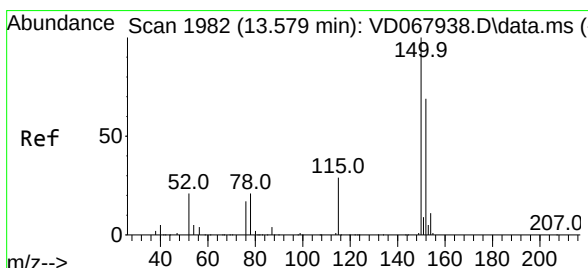
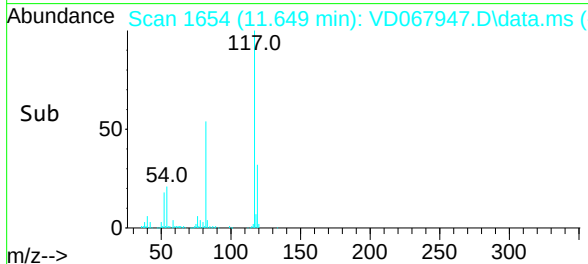
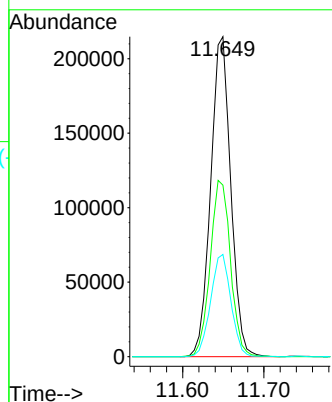
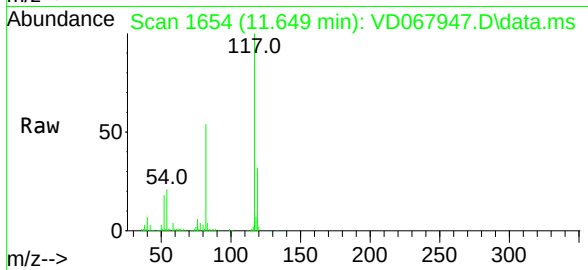




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

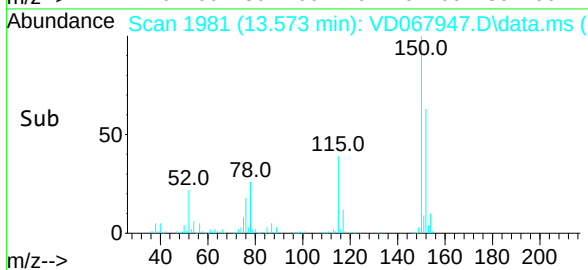
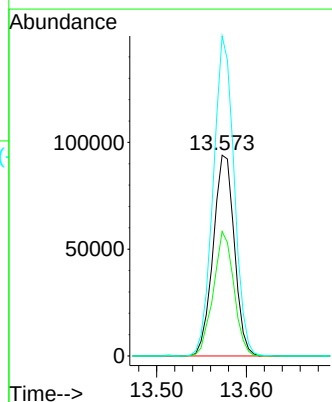
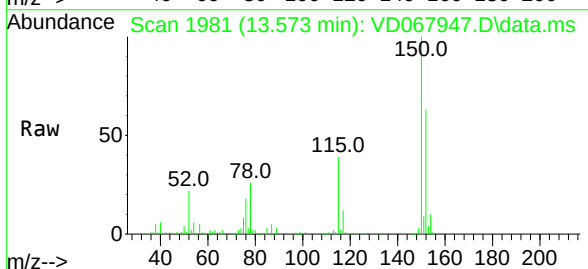
Instrument :
MSVOA_D
ClientSampleId :

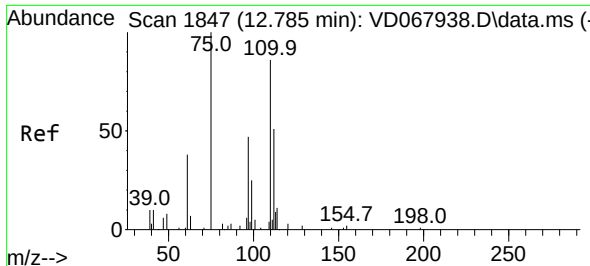
Tgt Ion:117 Resp: 369096
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 31.9 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Tgt Ion:152 Resp: 154344
Ion Ratio Lower Upper
152 100
115 59.9 29.3 88.0
150 156.7 0.0 340.0

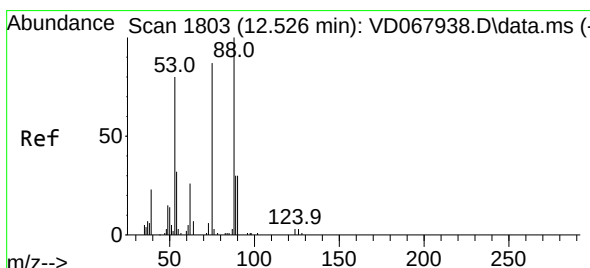
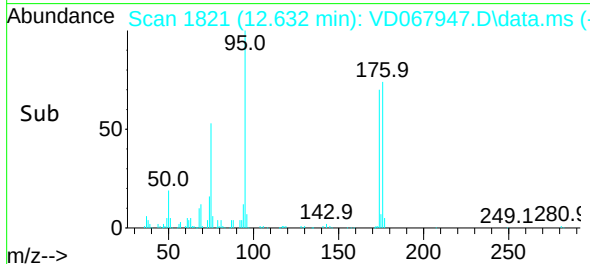
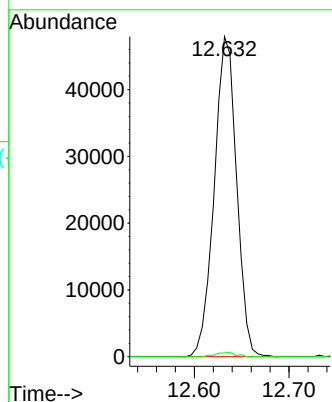
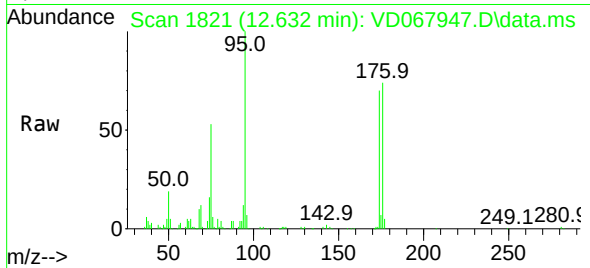




#76
1,2,3-Trichloropropane
Concen: 60.55 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 78678
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD067947.D
Acq: 24 Dec 2020 15:43

Tgt Ion: 75 Resp: 78678
Ion Ratio Lower Upper
75 100
53 0.1 74.9 112.3#
89 0.0 33.8 50.8#

