

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067000.D
 Acq On : 01 Oct 2020 18:42
 Operator : VA/SY
 Sample : L4199-01
 Misc : 6.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11940

Quant Time: Oct 02 01:13:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

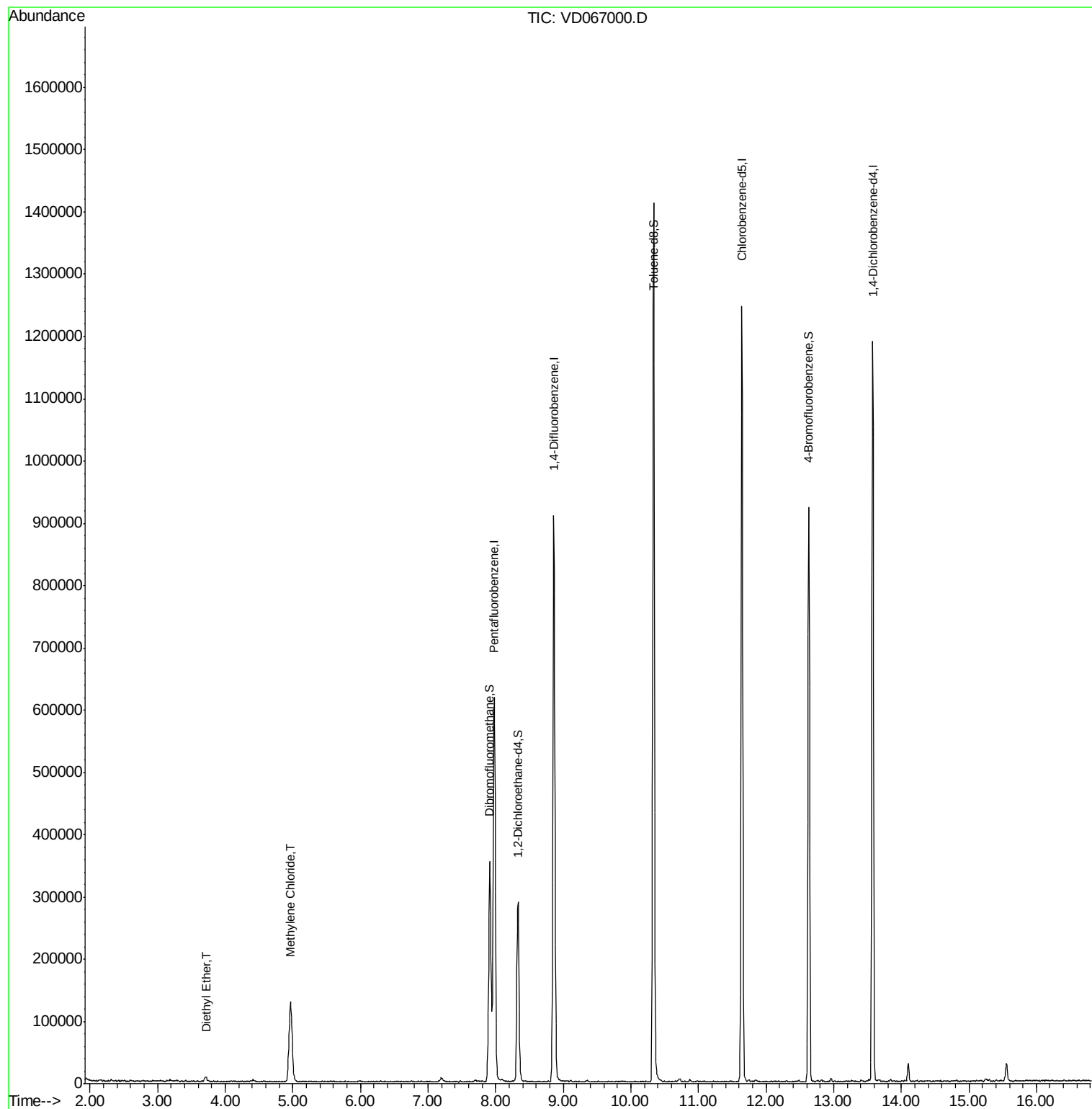
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	468199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	791246	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	733986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	331837	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236224	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
35) Dibromofluoromethane	7.91	113	254507	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	10.34	98	936668	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.63	95	304796	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
8) Diethyl Ether	3.71	74	4166	2.022	ug/l	61
20) Methylene Chloride	4.97	84	106142	16.914	ug/l	96

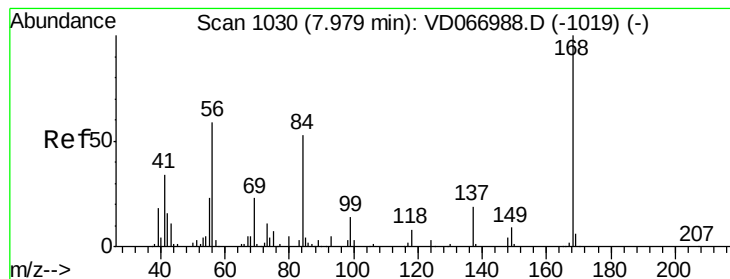
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067000.D

Acq: 01 Oct 2020 18:42

Instrument :

MSVOA_D

ClientSampleId :

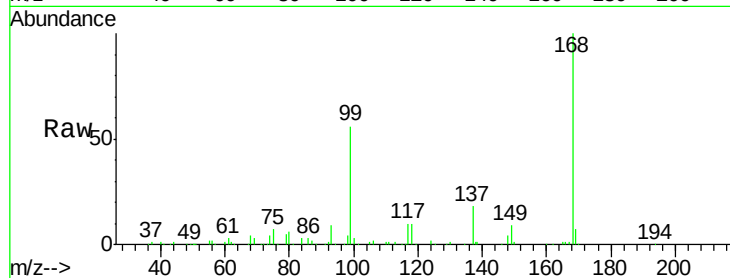
11940

Tot Ion:168 Resp: 468199

Ion Ratio Lower Upper

168 100

99 55.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

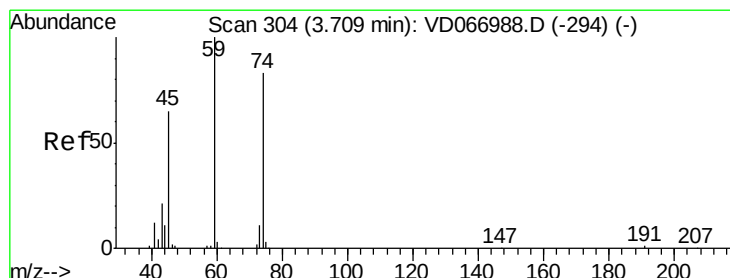
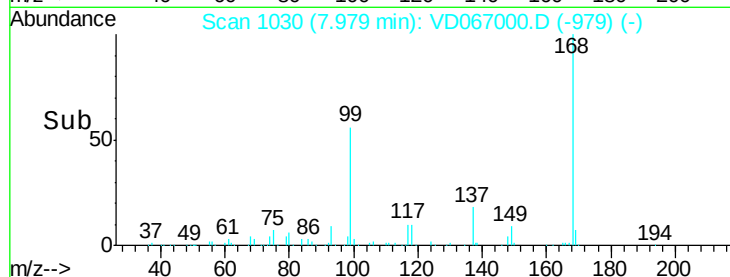
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.022 ug/l

RT: 3.71 min Scan# 305

Delta R.T. 0.01 min

Lab File: VD067000.D

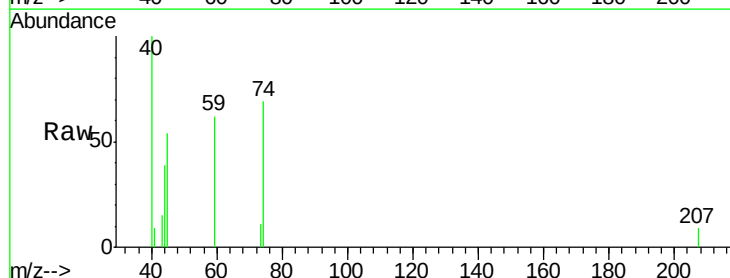
Acq: 01 Oct 2020 18:42

Tgt Ion: 74 Resp: 4166

Ion Ratio Lower Upper

74 100

45 50.4 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

2000

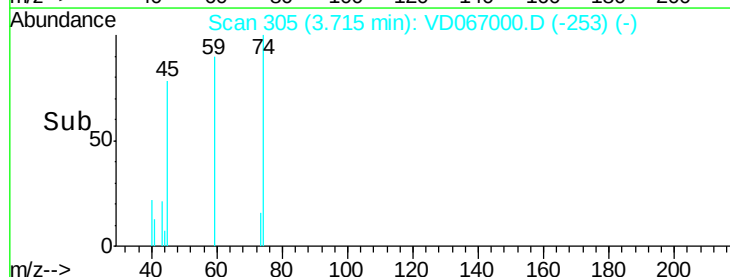
1500

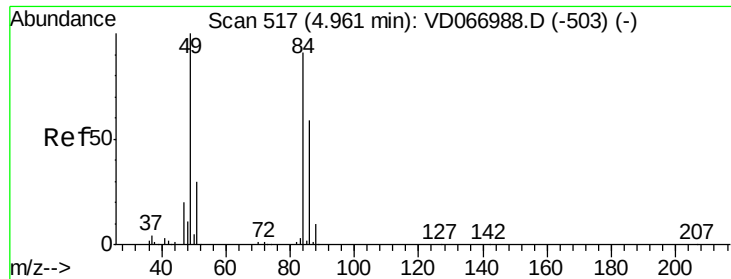
1000

500

0

Time-->

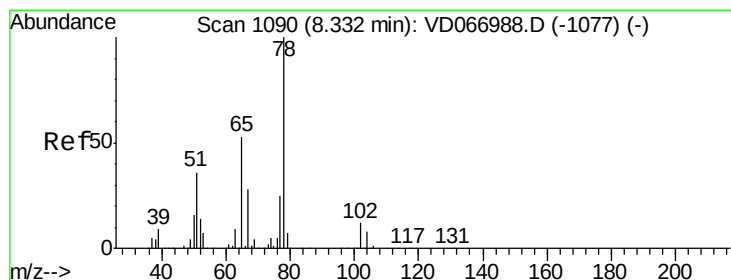
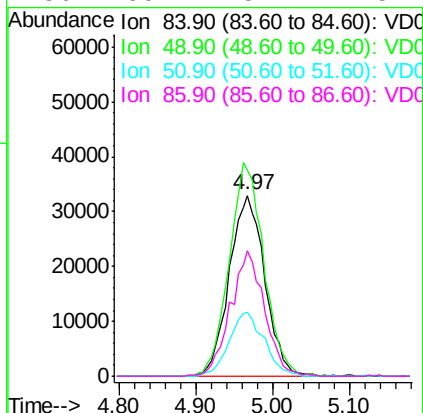
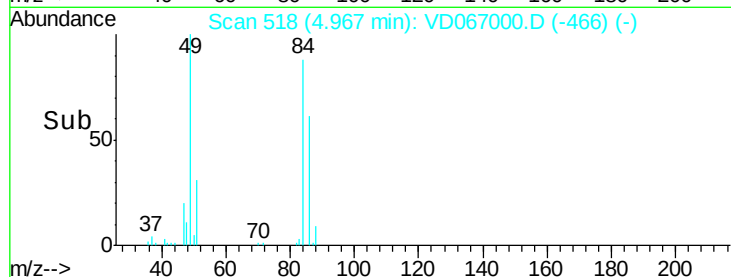
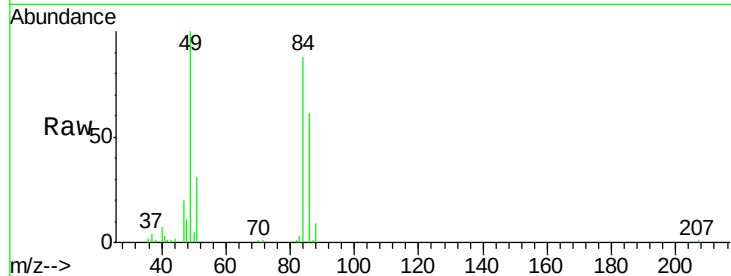




#20
Methylene Chloride
Concen: 16.914 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067000.D
Acq: 01 Oct 2020 18:42

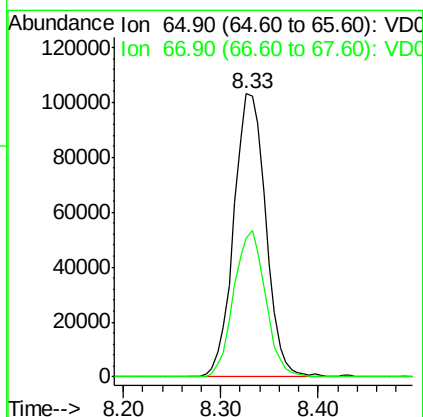
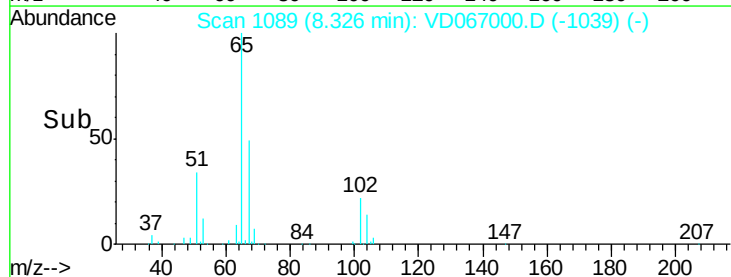
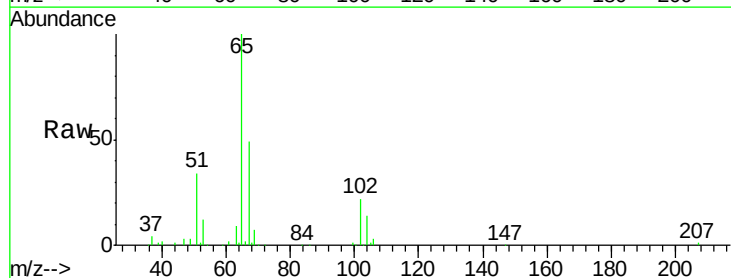
Instrument :
MSVOA_D
ClientSampleId :
11940

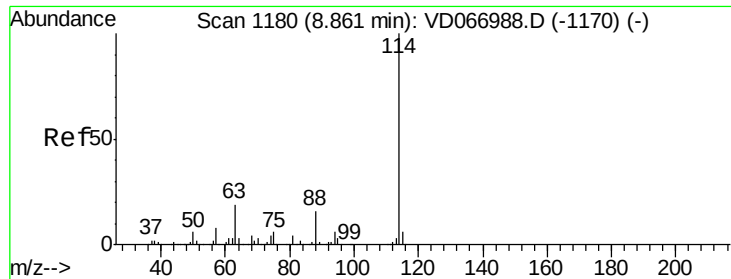
Tot Ion: 84 Resp: 106142
Ion Ratio Lower Upper
84 100
49 113.5 88.2 132.2
51 35.6 26.6 39.8
86 69.2 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 52.382 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD067000.D
Acq: 01 Oct 2020 18:42

Tgt Ion: 65 Resp: 236224
Ion Ratio Lower Upper
65 100
67 51.1 0.0 106.8

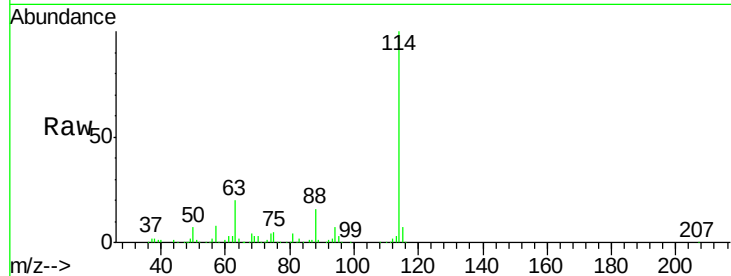




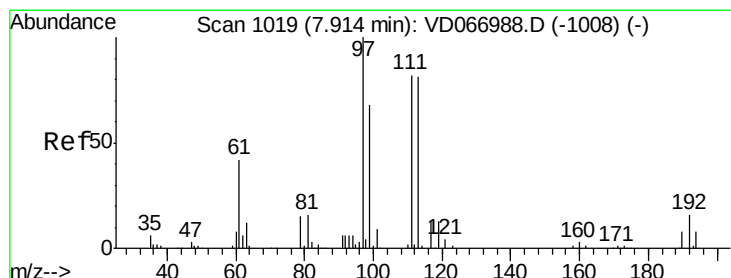
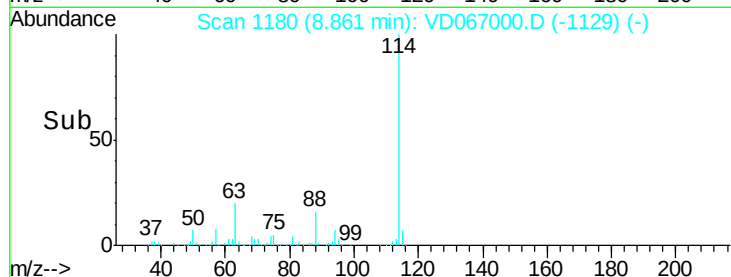
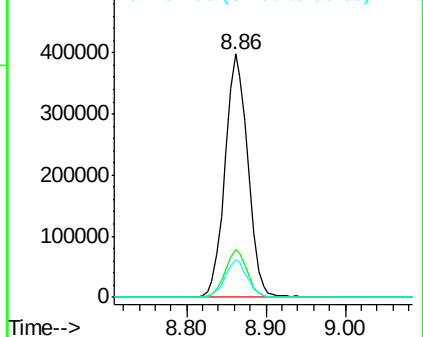
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD067000.D
Acq: 01 Oct 2020 18:42

Instrument :
MSVOA_D
ClientSampled :
11940

Tot Ion:114 Resp: 791246
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.4
88 15.7 0.0 31.2

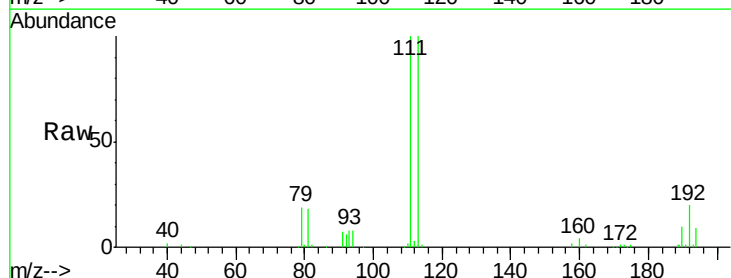


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

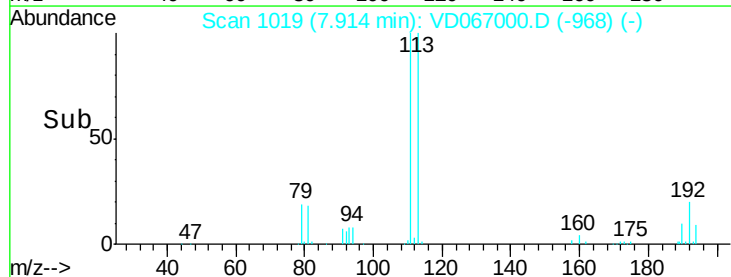
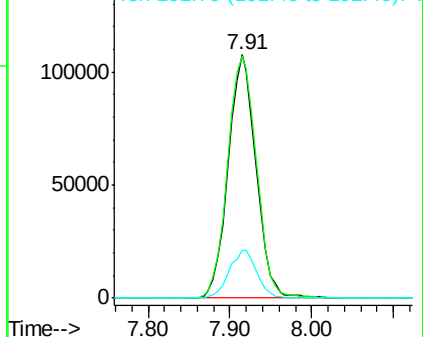


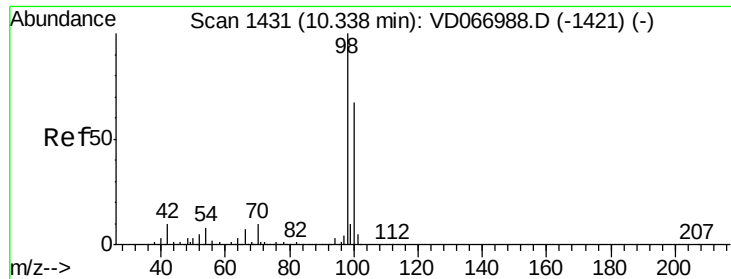
#35
Dibromofluoromethane
Concen: 49.131 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067000.D
Acq: 01 Oct 2020 18:42

Tgt Ion:113 Resp: 254507
Ion Ratio Lower Upper
113 100
111 103.6 83.0 124.4
192 19.7 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

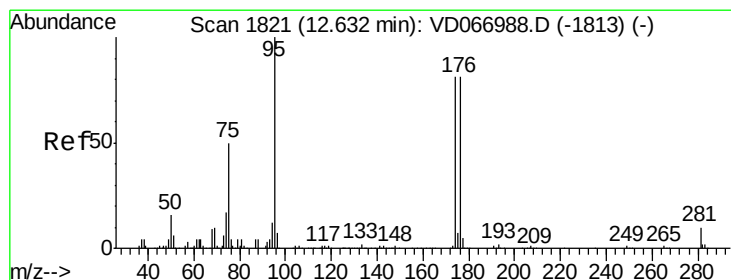
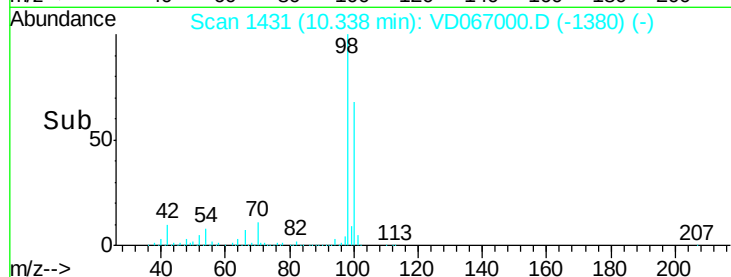
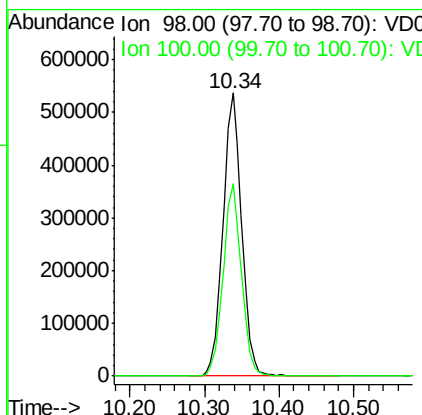
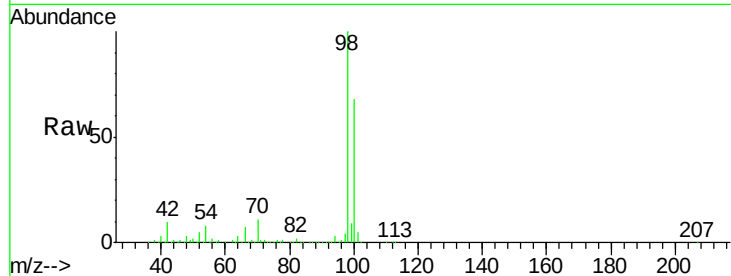




#50
Toluene-d8
Concen: 49.623 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067000.D
Acq: 01 Oct 2020 18:42

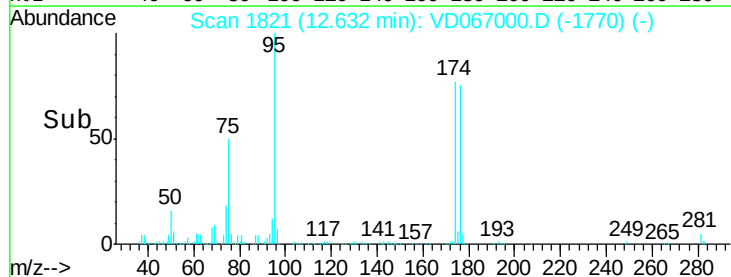
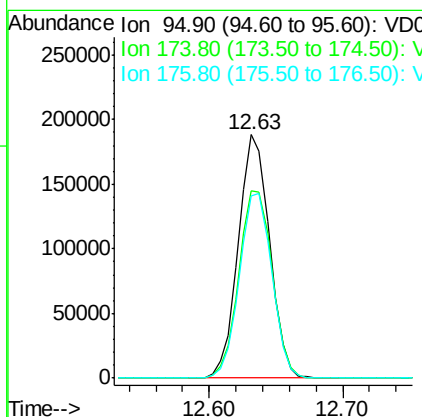
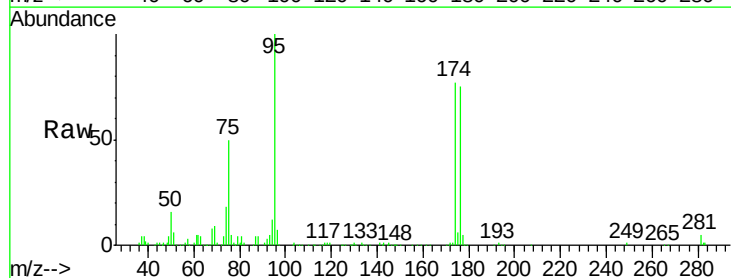
Instrument :
MSVOA_D
ClientSampleId :
11940

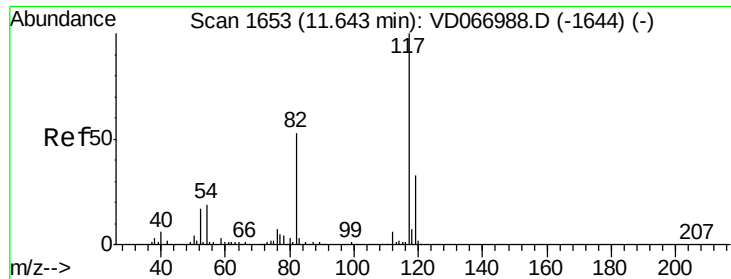
Tot Ion: 98 Resp: 936668
Ion Ratio Lower Upper
98 100
100 66.7 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 47.566 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067000.D
Acq: 01 Oct 2020 18:42

Tgt Ion: 95 Resp: 304796
Ion Ratio Lower Upper
95 100
174 82.0 0.0 167.6
176 78.7 0.0 162.4

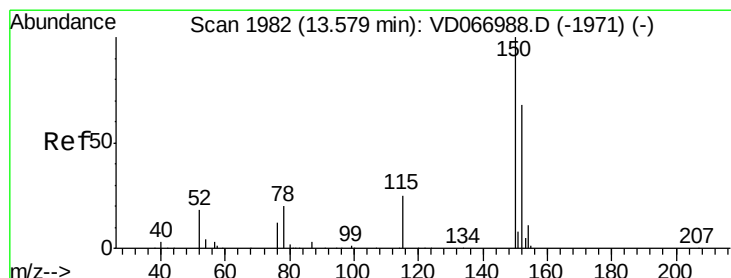
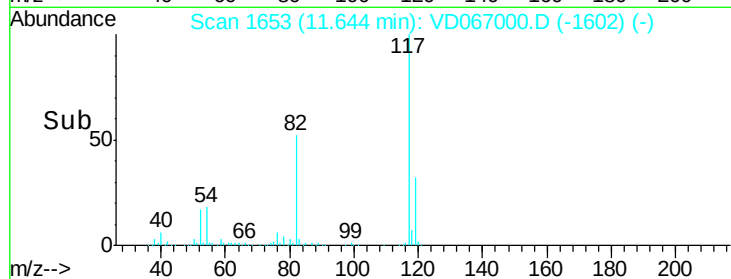
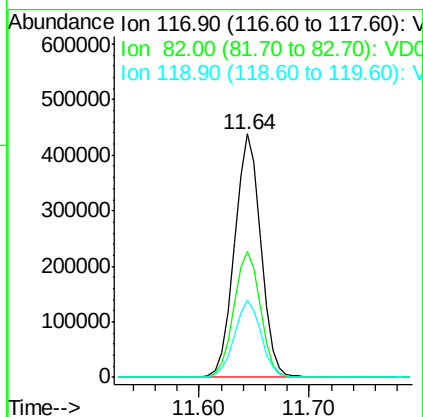
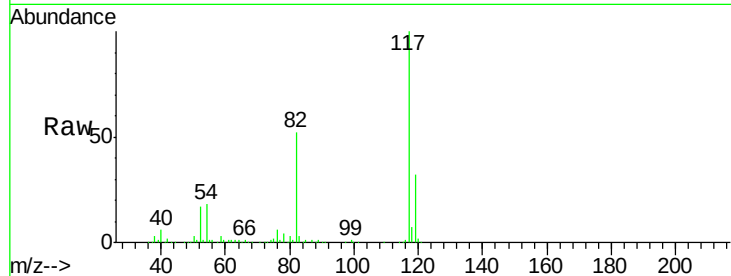




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067000.D
Acq: 01 Oct 2020 18:42

Instrument :
MSVOA_D
ClientSampleId :
11940

Tot Ion:117 Resp: 733986
Ion Ratio Lower Upper
117 100
82 51.6 42.6 63.8
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067000.D
Acq: 01 Oct 2020 18:42

Tgt Ion:152 Resp: 331837
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 155.7 0.0 344.8

