

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111820\
 Data File : VD067695.D
 Acq On : 18 Nov 2020 19:28
 Operator : VA/SY
 Sample : L4778-07
 Misc : 3.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 358

Quant Time: Nov 19 01:24:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	270983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	424005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	455743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	130132	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	
35) Dibromofluoromethane	7.92	113	131680	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.34	98	498684	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
62) 4-Bromofluorobenzene	12.64	95	204156	65.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.74%	

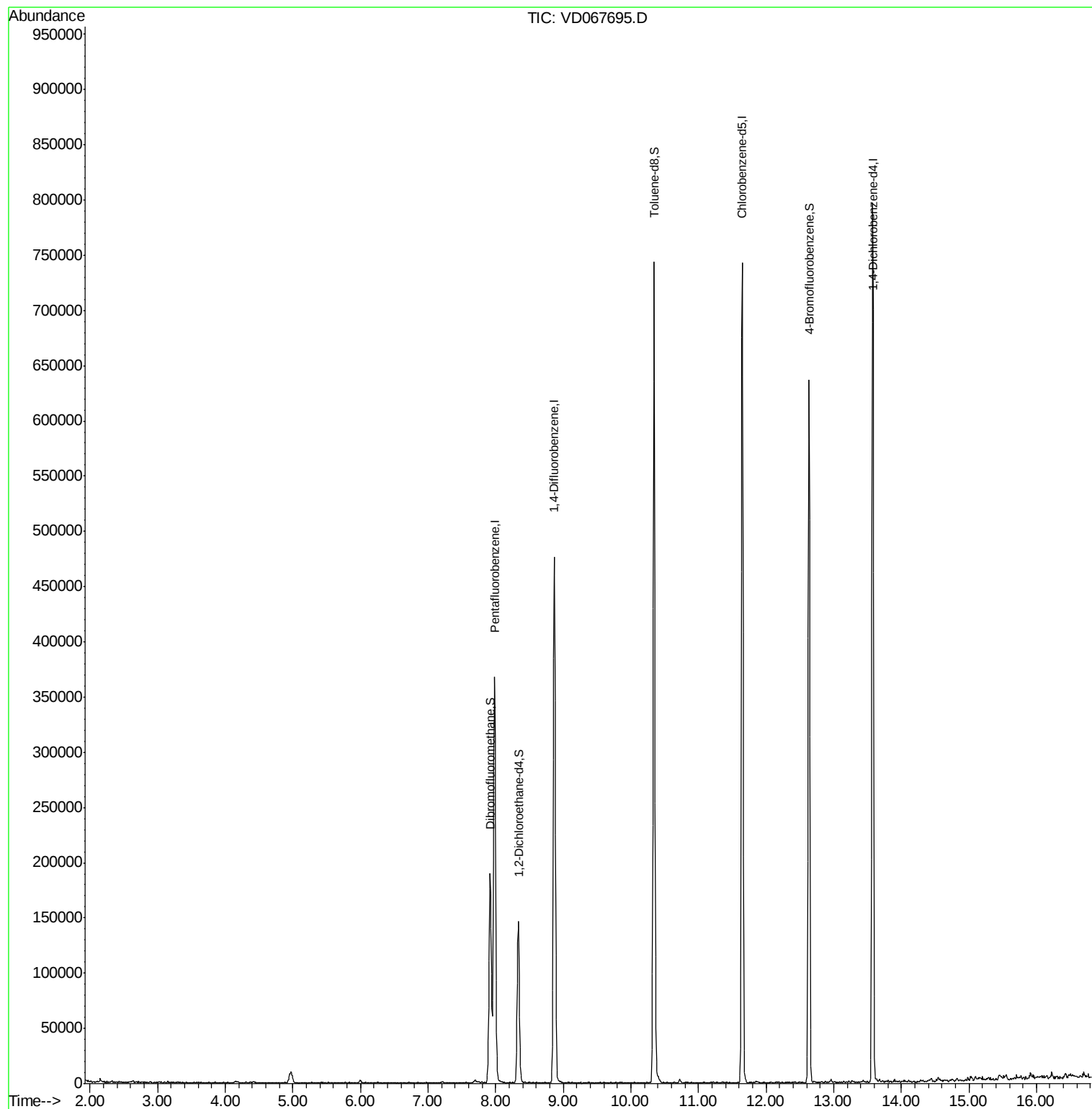
Target Compounds	Qvalue

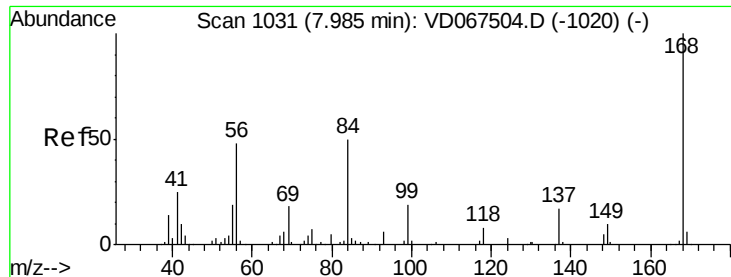
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067695.D

Acq: 18 Nov 2020 19:28

Instrument :

MSVOA_D

ClientSampleId :

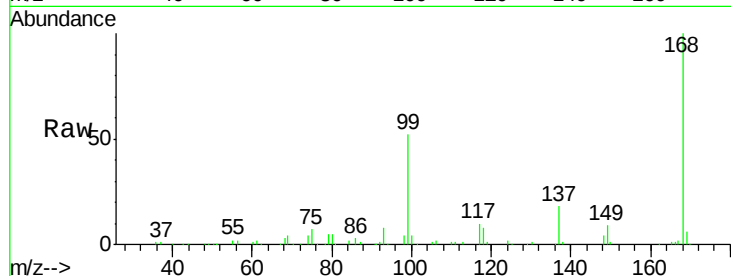
358

Tot Ion:168 Resp: 270983

Ion Ratio Lower Upper

168 100

99 51.6 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

150000

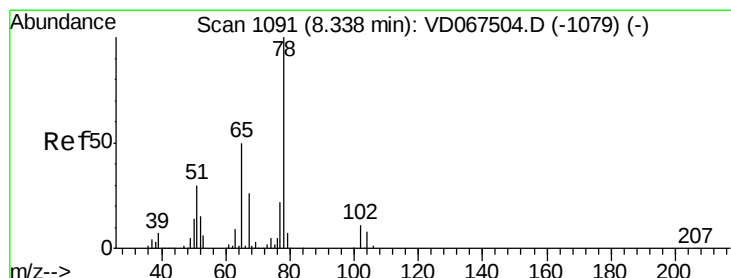
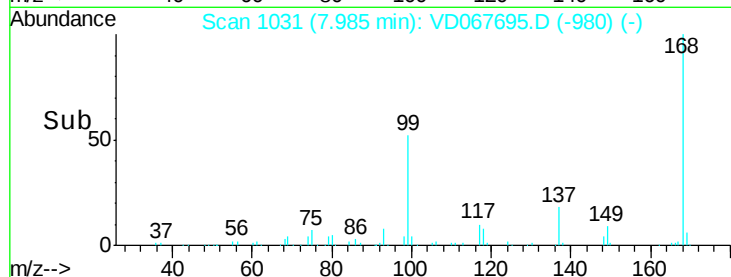
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.921 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067695.D

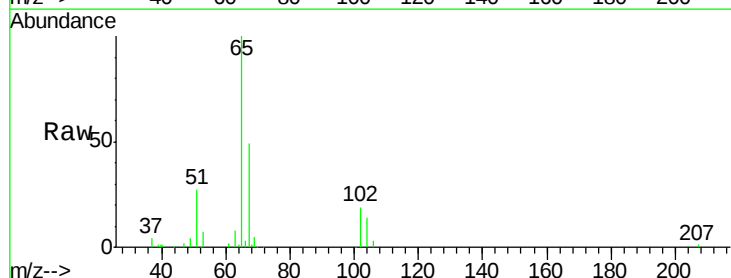
Acq: 18 Nov 2020 19:28

Tgt Ion: 65 Resp: 130132

Ion Ratio Lower Upper

65 100

67 47.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

60000

50000

40000

30000

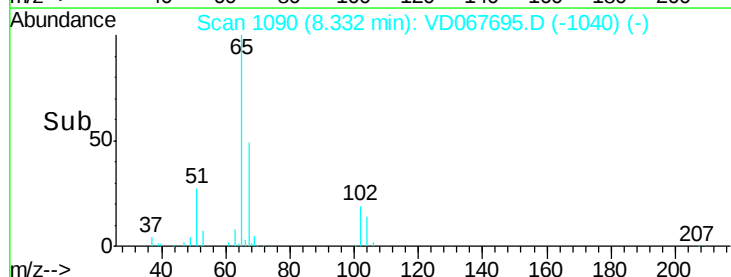
20000

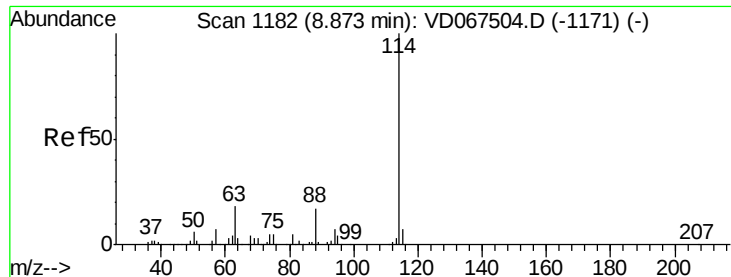
10000

0

8.30 8.40

Time-->

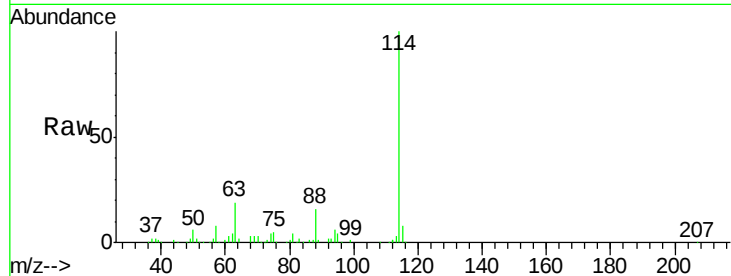




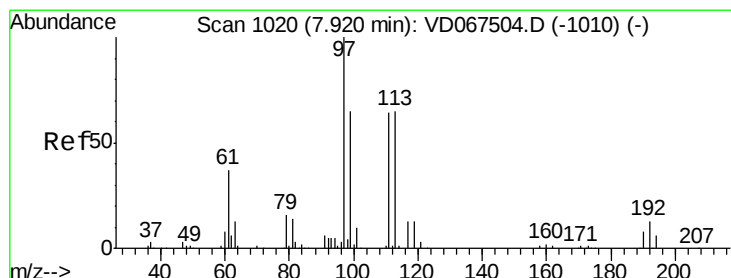
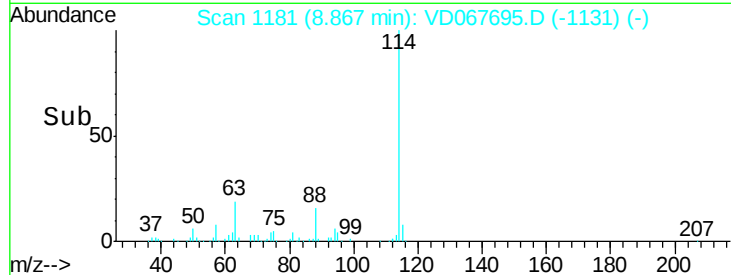
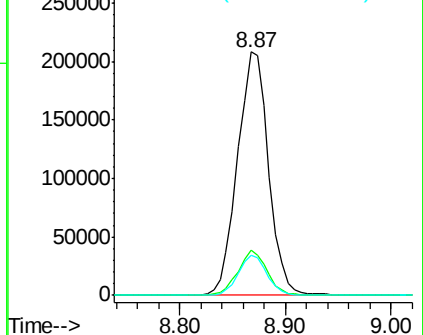
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VD067695.D
 Acq: 18 Nov 2020 19:28

Instrument :
 MSVOA_D
 ClientSampled :
 358

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.0
88	16.4	0.0	33.0

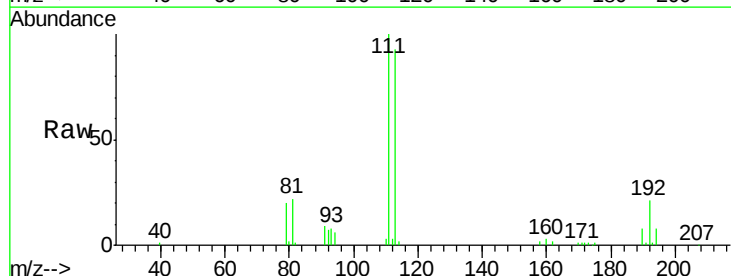


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

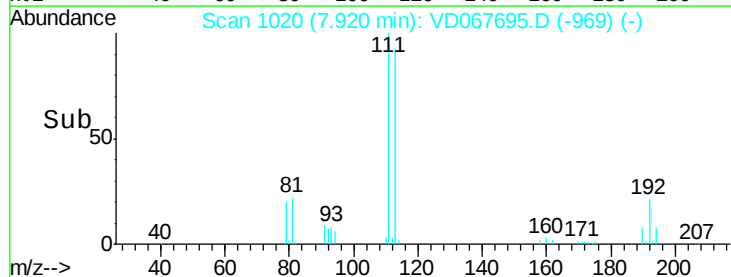
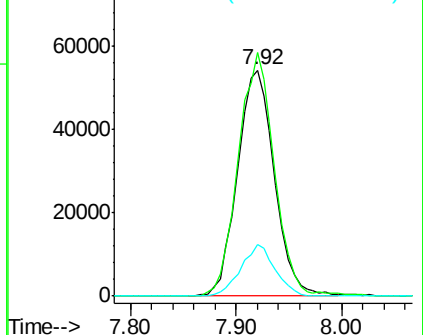


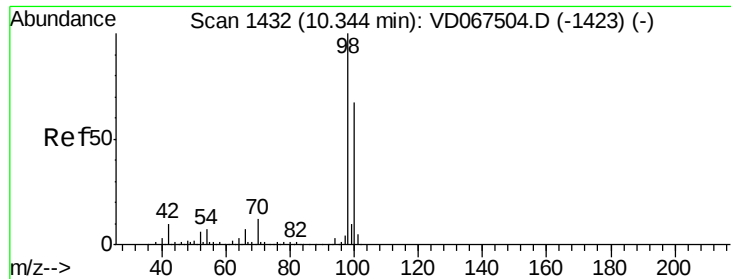
#35
 Dibromofluoromethane
 Concen: 51.546 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067695.D
 Acq: 18 Nov 2020 19:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.3	80.0	120.0
192	20.9	16.3	24.5



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

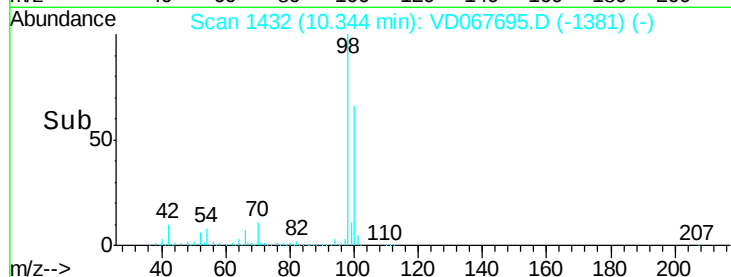
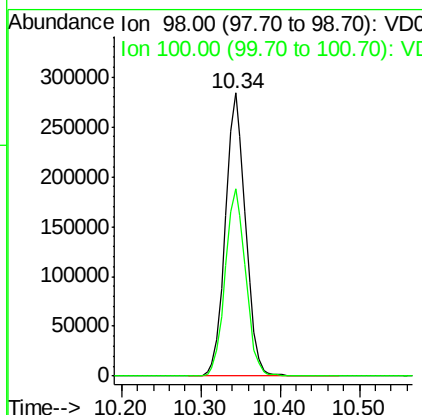
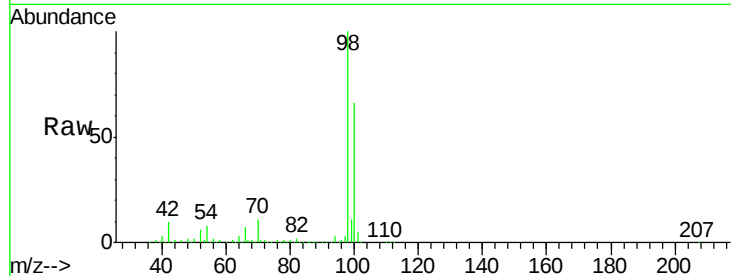




#50
Toluene-d8
Concen: 55.548 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD067695.D
Acq: 18 Nov 2020 19:28

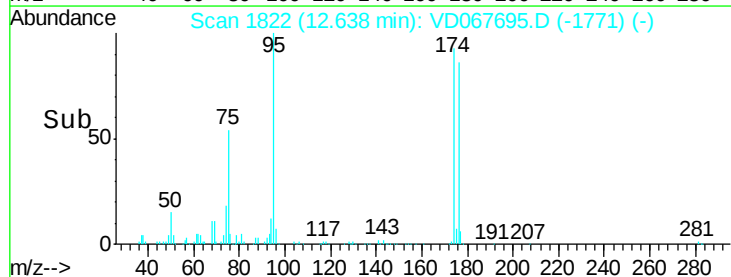
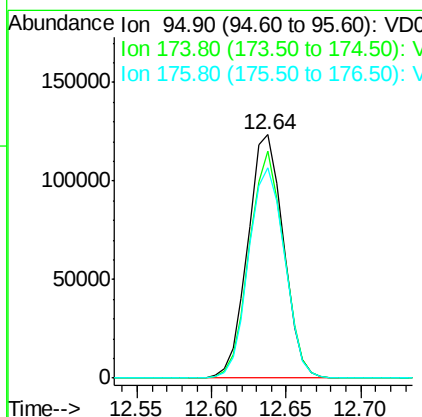
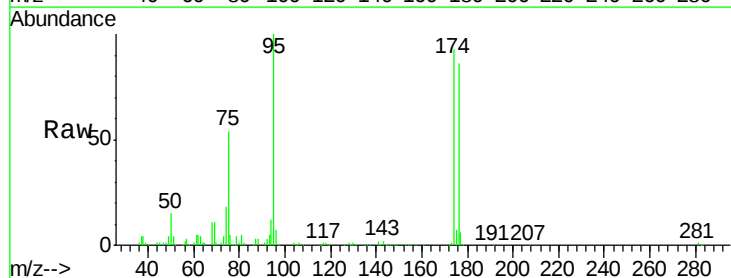
Instrument :
MSVOA_D
ClientSampleId :
358

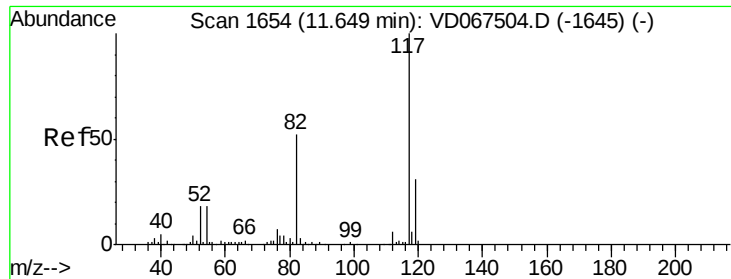
Tot Ion: 98 Resp: 498684
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 65.868 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD067695.D
Acq: 18 Nov 2020 19:28

Tgt Ion: 95 Resp: 204156
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.8
176 86.8 0.0 172.0

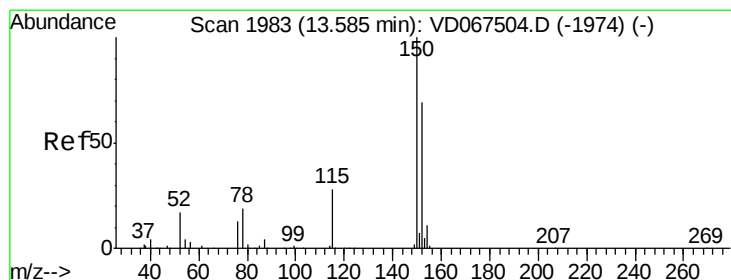
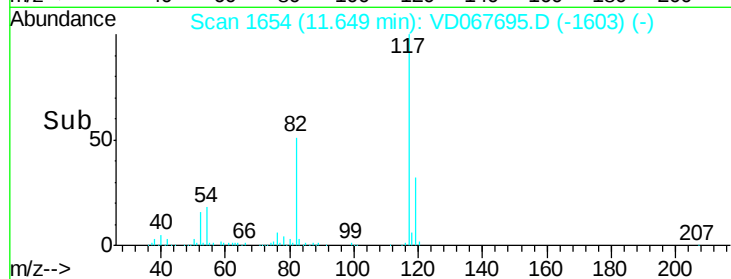
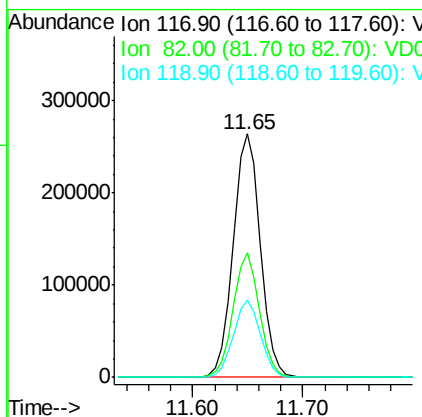
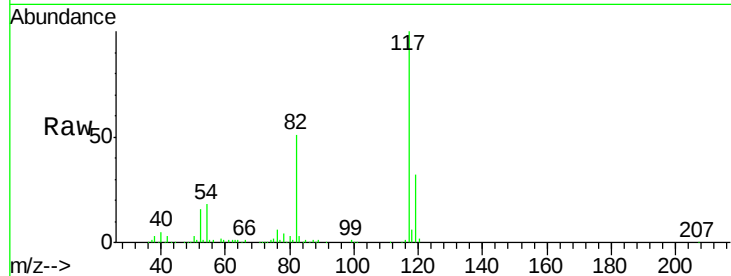




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067695.D
Acq: 18 Nov 2020 19:28

Instrument :
MSVOA_D
ClientSampleId :
358

Tot Ion:117 Resp: 455743
Ion Ratio Lower Upper
117 100
82 51.2 41.6 62.4
119 31.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067695.D
Acq: 18 Nov 2020 19:28

Tgt Ion:152 Resp: 222029
Ion Ratio Lower Upper
152 100
115 59.5 29.3 88.0
150 159.5 0.0 338.2

