

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092920\
 Data File : VD066937.D
 Acq On : 29 Sep 2020 14:29
 Operator : VA/SY
 Sample : L4172-01
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(3-4)

Quant Time: Sep 30 03:34:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	418206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	704117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	740571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	354554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	203300	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.91	113	225452	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.34	98	862929	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	
62) 4-Bromofluorobenzene	12.63	95	318711	61.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.00%	

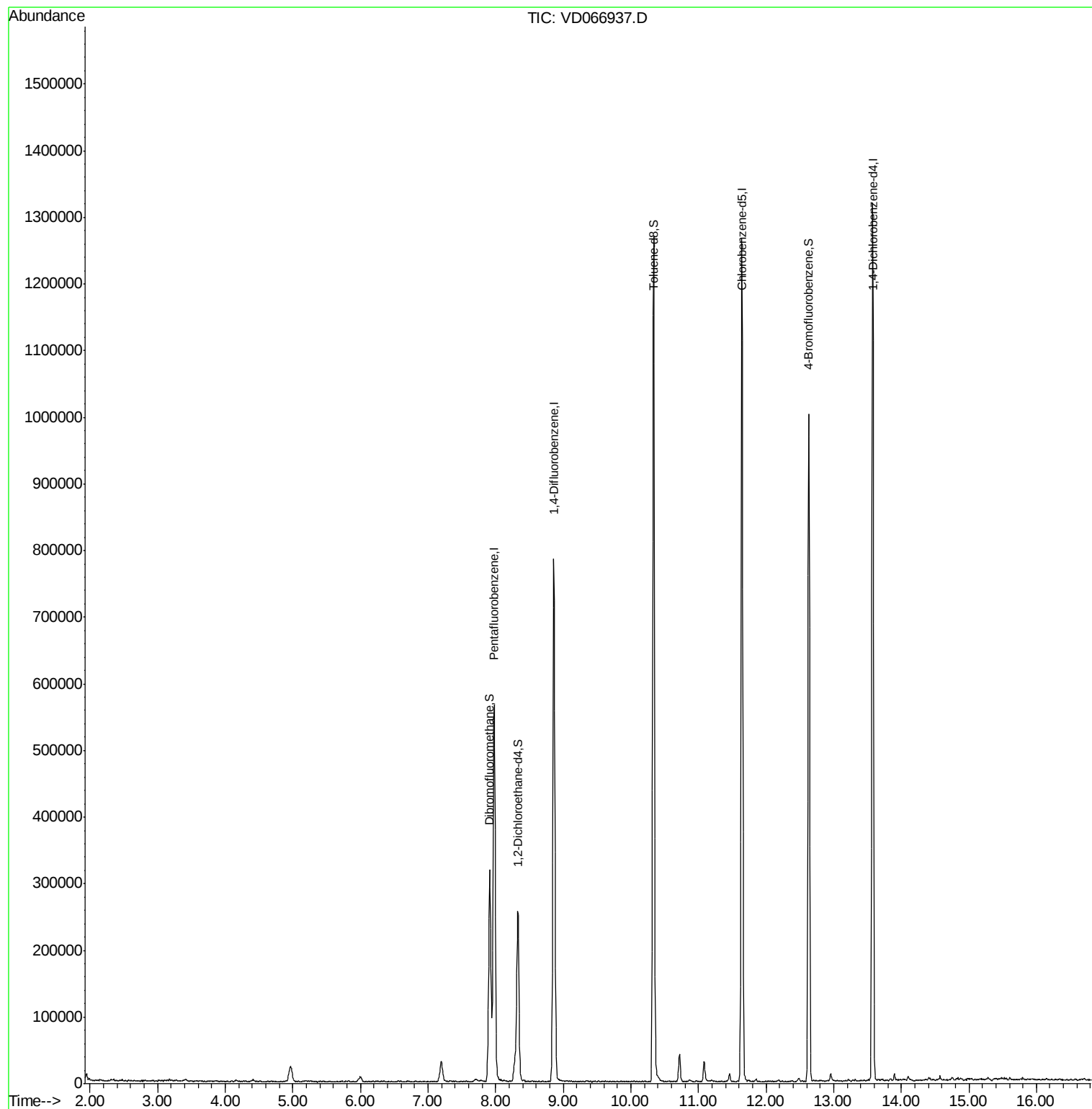
Target Compounds	Qvalue

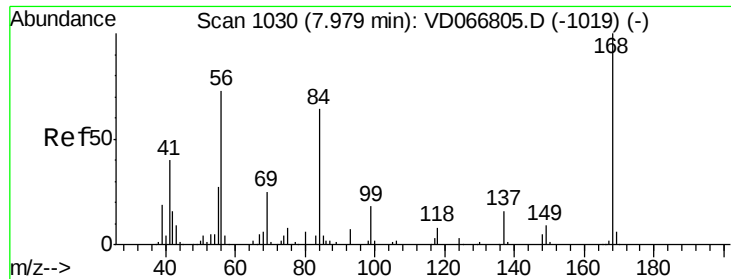
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066937.D

Acq: 29 Sep 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

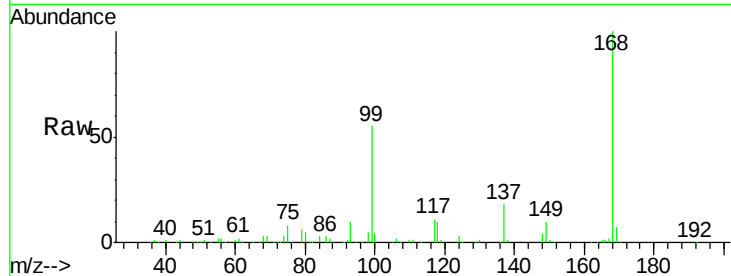
B-6(3-4)

Tot Ion:168 Resp: 418206

Ion Ratio Lower Upper

168 100

99 55.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

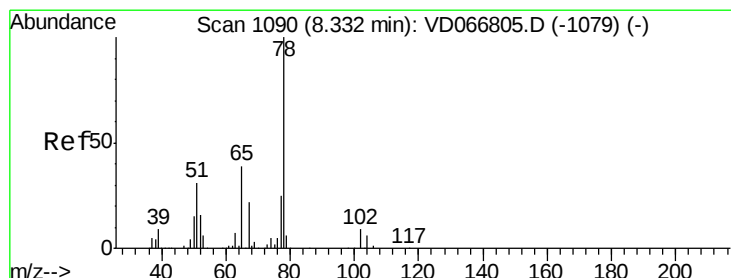
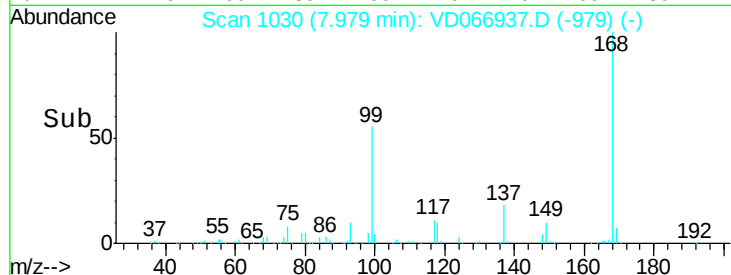
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10 8.20



#33

1,2-Dichloroethane-d4

Concen: 49.667 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066937.D

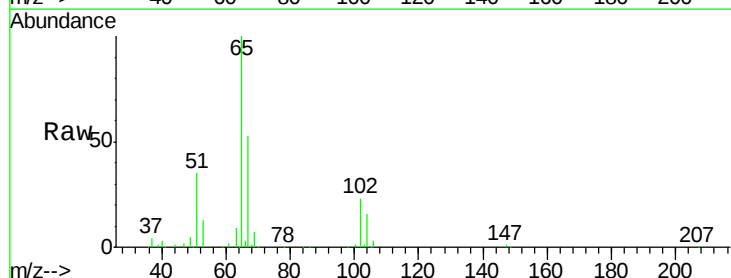
Acq: 29 Sep 2020 14:29

Tgt Ion: 65 Resp: 203300

Ion Ratio Lower Upper

65 100

67 50.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

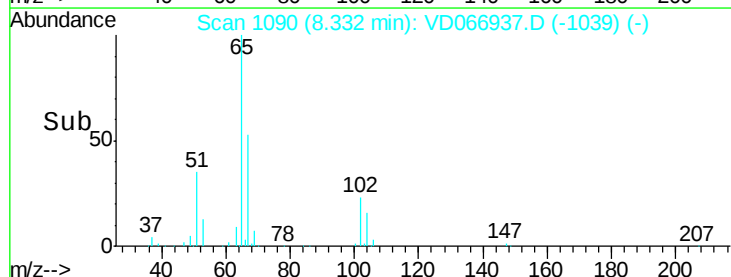
60000

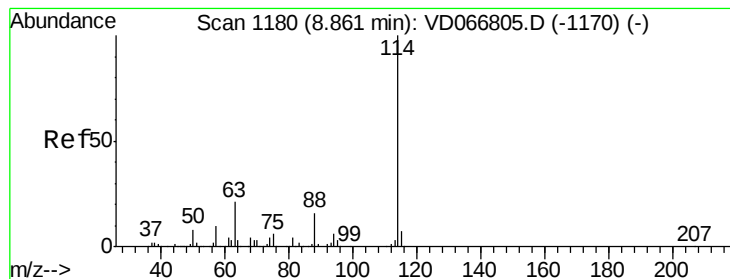
40000

20000

0

Time--> 8.25 8.30 8.35 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066937.D

Acq: 29 Sep 2020 14:29

Instrument :

MSVOA_D

ClientSampleId :

B-6(3-4)

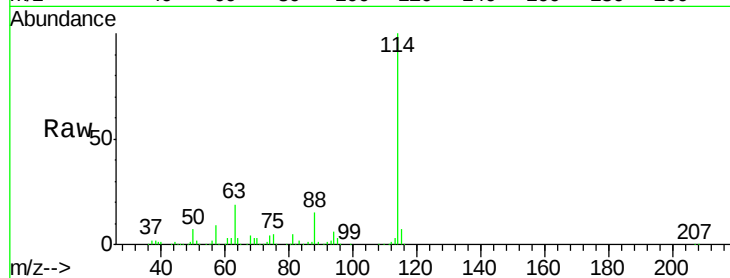
Tot Ion:114 Resp: 704117

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

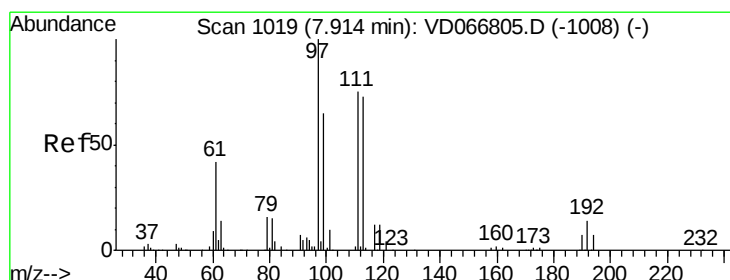
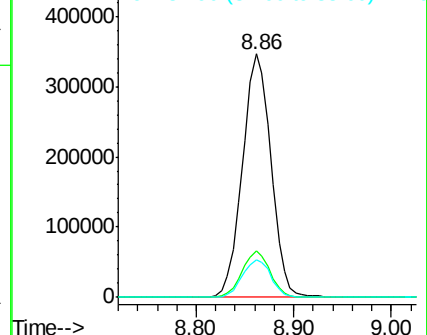
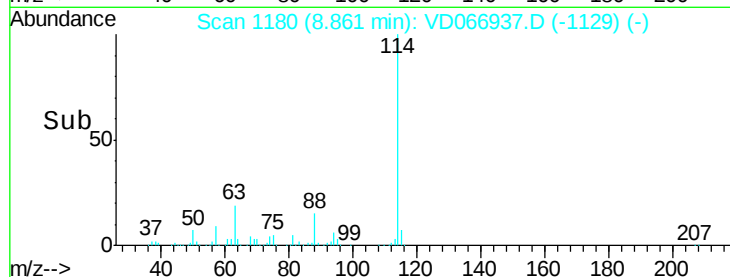
88 15.2 0.0 32.6



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: 50.329 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066937.D

Acq: 29 Sep 2020 14:29

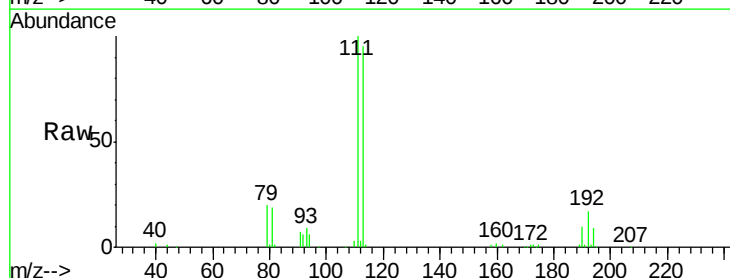
Tgt Ion:113 Resp: 225452

Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

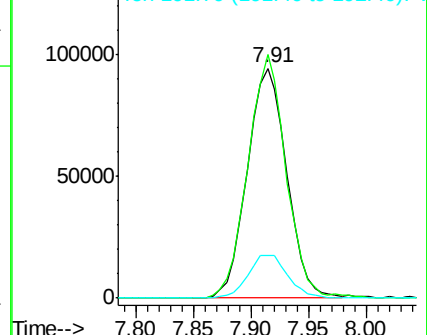
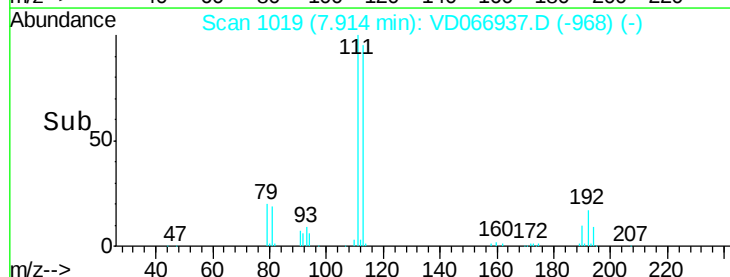
192 18.9 14.4 21.6

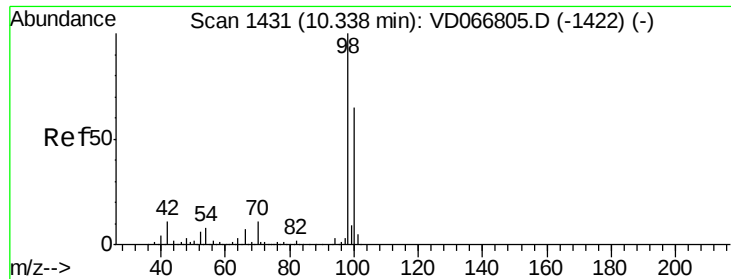


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

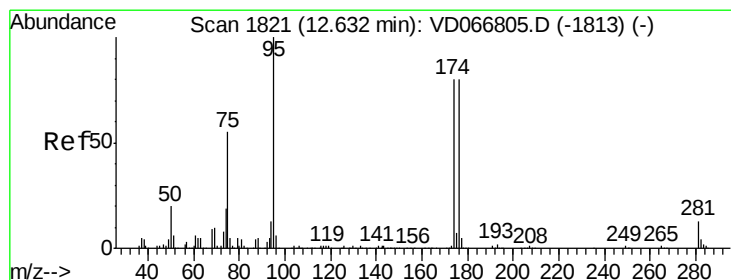
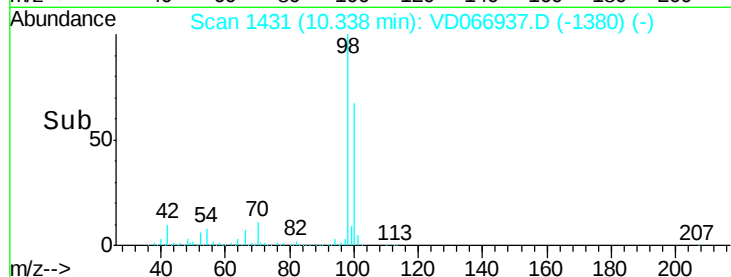
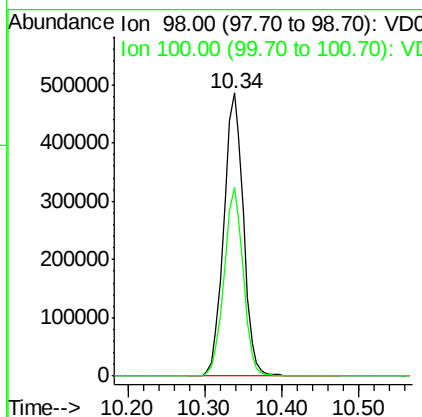
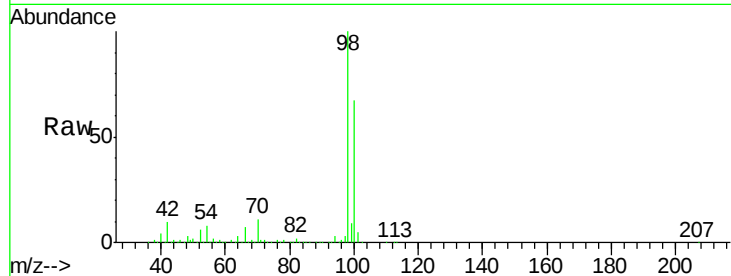




#50
Toluene-d8
Concen: 56.538 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066937.D
Acq: 29 Sep 2020 14:29

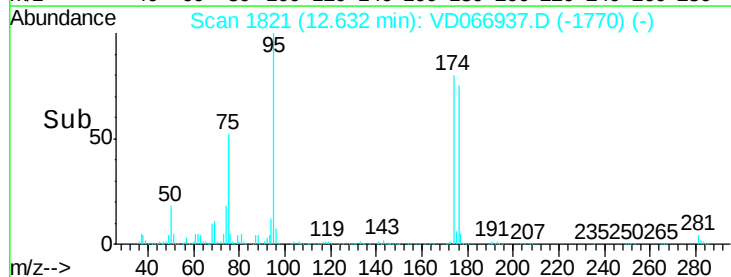
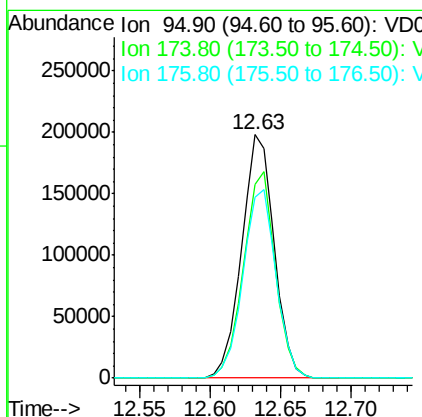
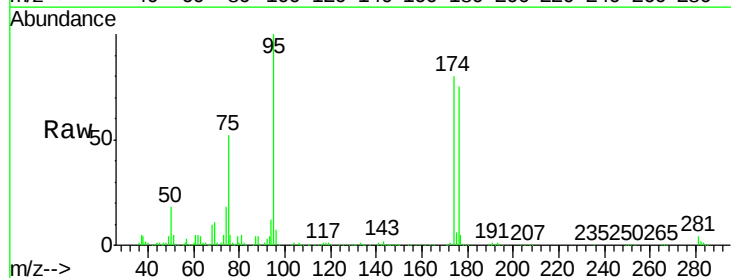
Instrument :
MSVOA_D
ClientSampled :
B-6(3-4)

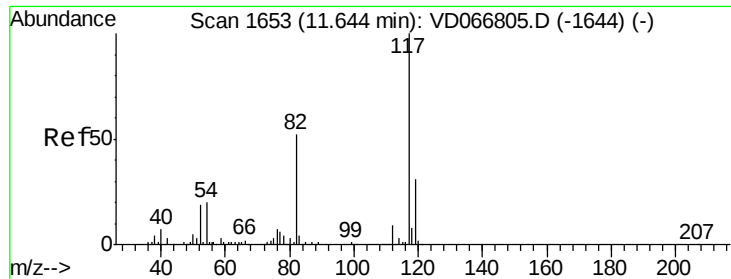
Tot Ion: 98 Resp: 862929
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 60.998 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066937.D
Acq: 29 Sep 2020 14:29

Tgt Ion: 95 Resp: 318711
Ion Ratio Lower Upper
95 100
174 83.3 0.0 159.8
176 79.1 0.0 154.4

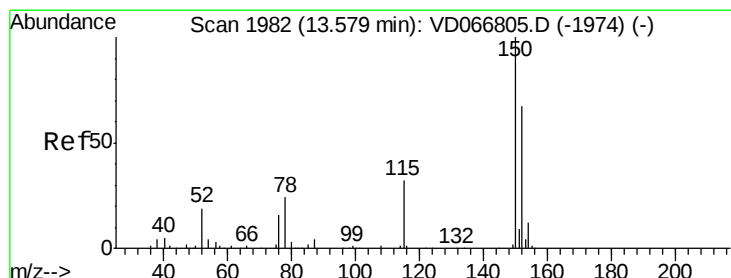
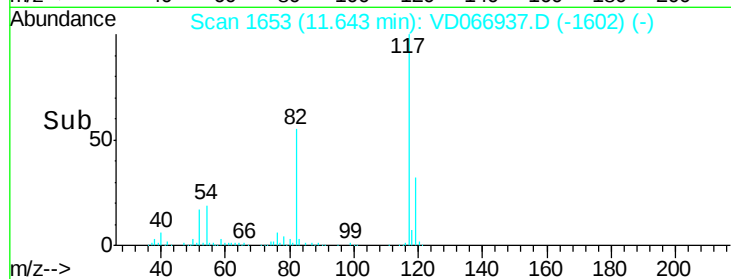
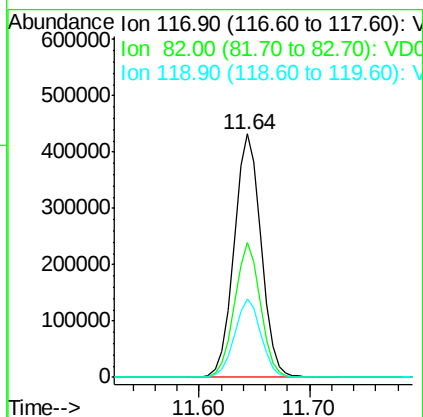
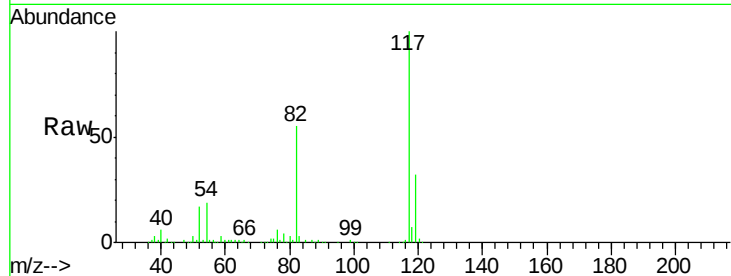




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066937.D
Acq: 29 Sep 2020 14:29

Instrument :
MSVOA_D
ClientSampleId :
B-6(3-4)

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.8	62.6
119	32.2	24.6	37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066937.D
Acq: 29 Sep 2020 14:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.3	91.0
150	155.0	0.0	346.2

