

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066922.D
 Acq On : 28 Sep 2020 19:18
 Operator : VA/SY
 Sample : L4172-02
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(7-9)

Quant Time: Sep 29 02:13:57 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	382258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	674199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	703087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	328808	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	198875	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	7.91	113	216829	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	10.34	98	831230	56.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.76%	
62) 4-Bromofluorobenzene	12.63	95	303575	60.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.36%	

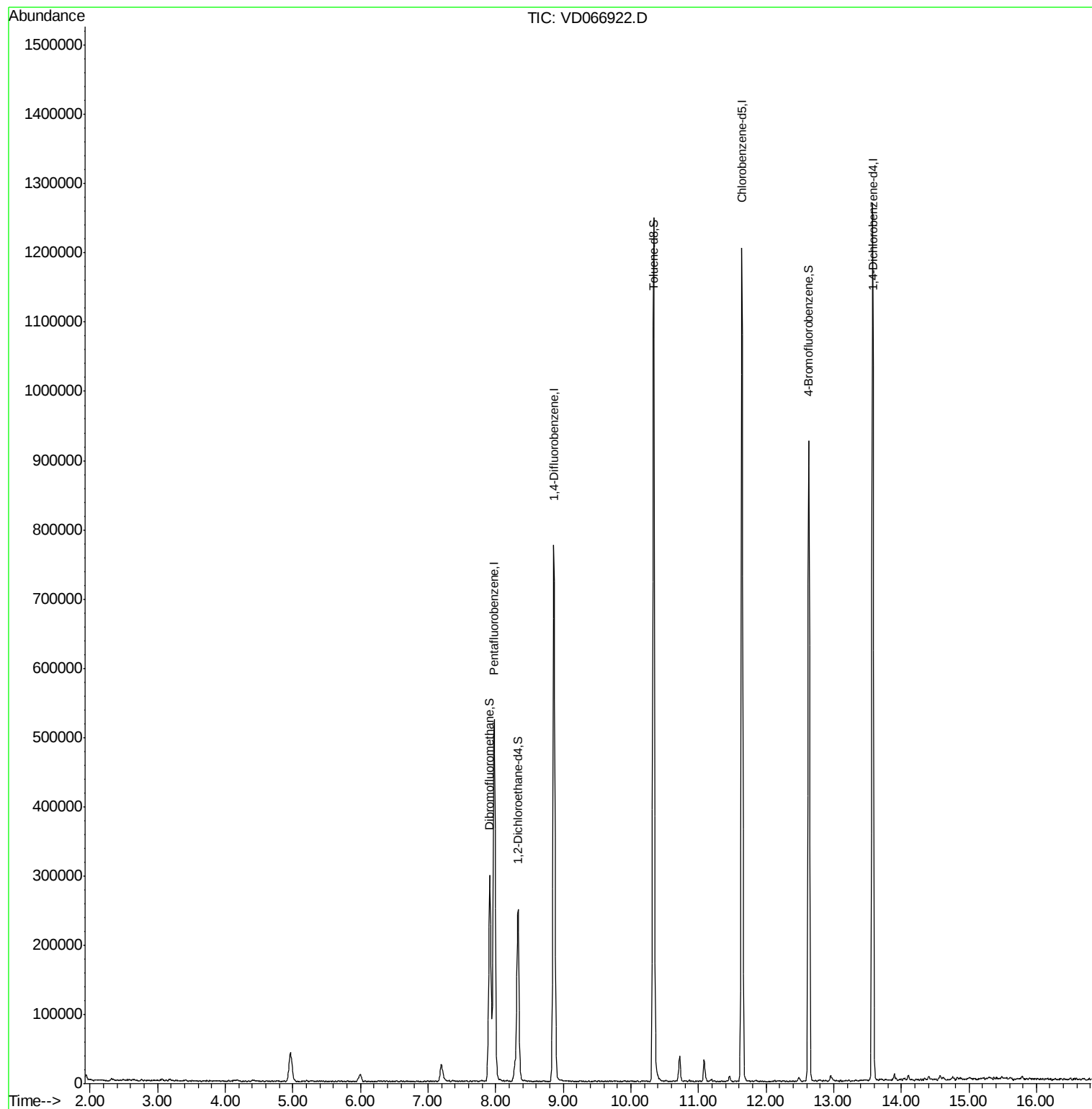
Target Compounds	Qvalue
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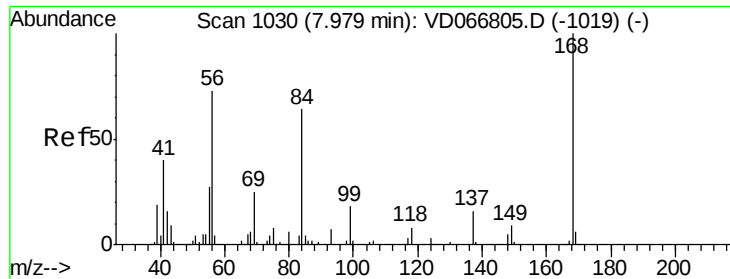
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066922.D

Acq: 28 Sep 2020 19:18

Instrument :

MSVOA_D

ClientSampleId :

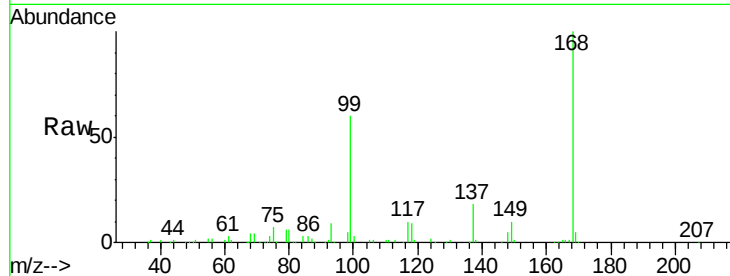
B-6(7-9)

Tot Ion:168 Resp: 382258

Ion Ratio Lower Upper

168 100

99 59.9 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

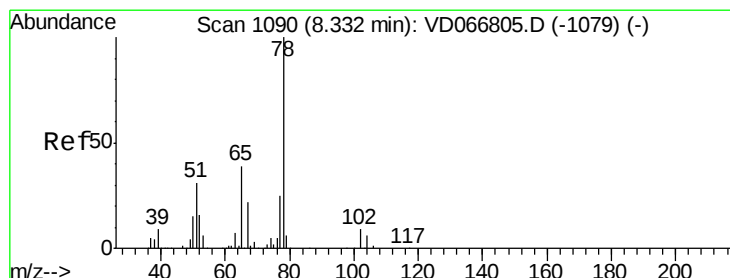
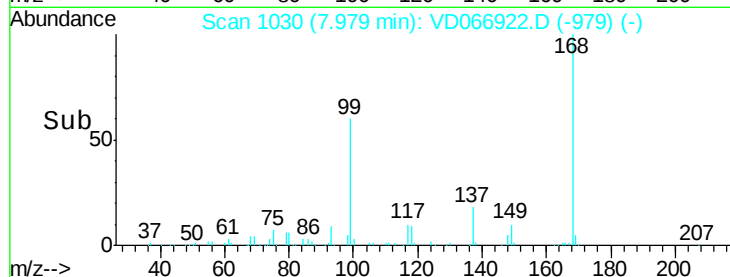
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 53.155 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066922.D

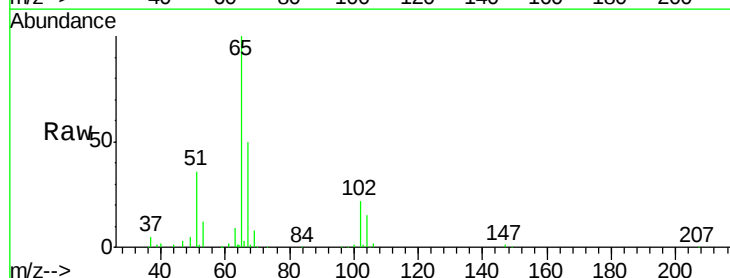
Acq: 28 Sep 2020 19:18

Tgt Ion: 65 Resp: 198875

Ion Ratio Lower Upper

65 100

67 51.6 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

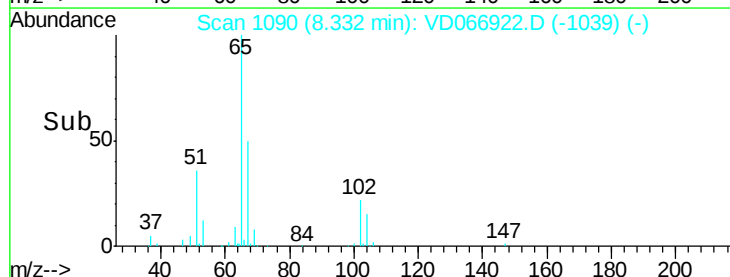
60000

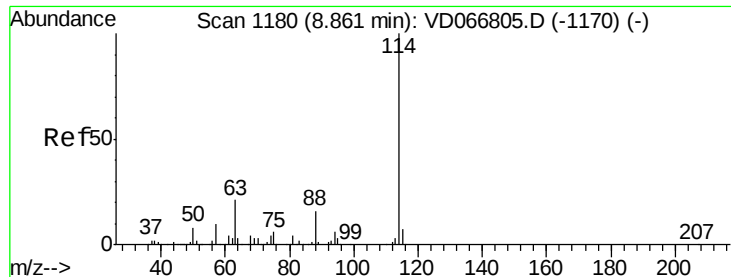
40000

20000

0

Time--> 8.20 8.30 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: VD066922.D

Acq: 28 Sep 2020 19:18

Instrument :

MSVOA_D

ClientSampleId :

B-6(7-9)

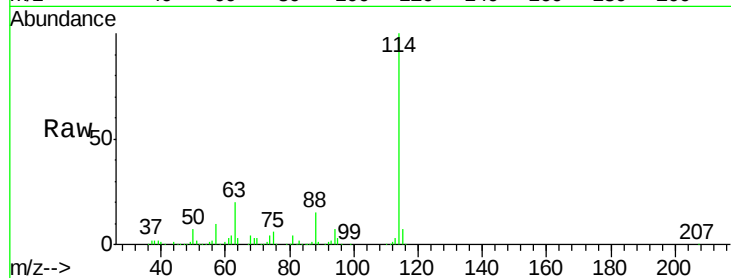
Tot Ion:114 Resp: 674199

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

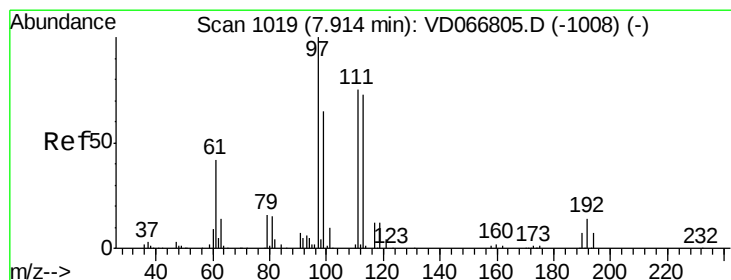
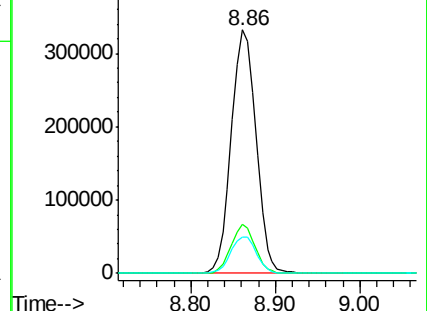
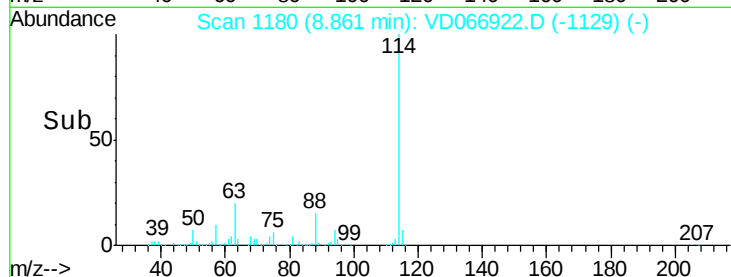
88 14.9 0.0 32.6



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: 50.552 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066922.D

Acq: 28 Sep 2020 19:18

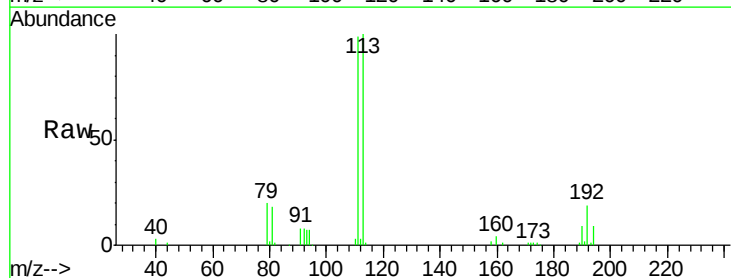
Tgt Ion:113 Resp: 216829

Ion Ratio Lower Upper

113 100

111 100.7 81.8 122.8

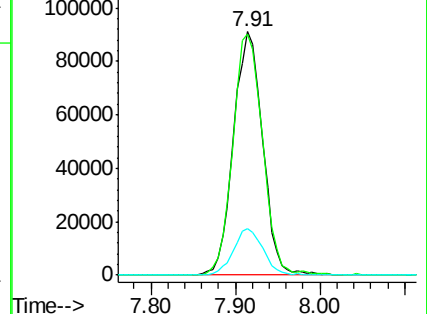
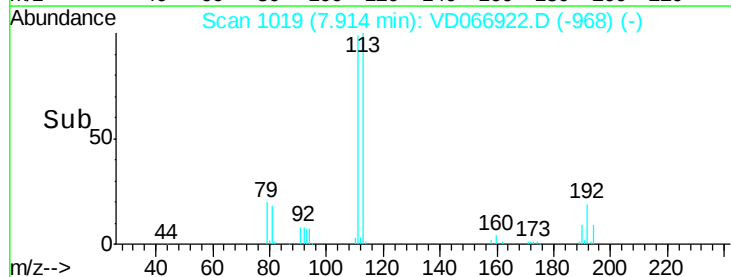
192 19.3 14.4 21.6

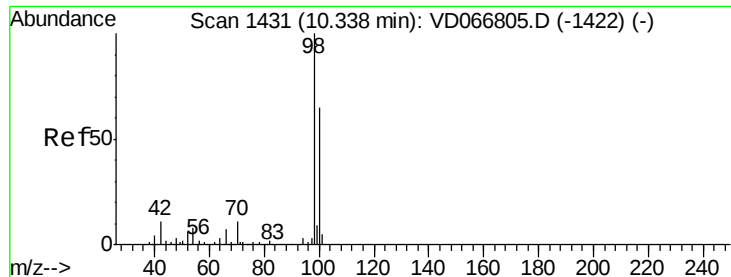


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

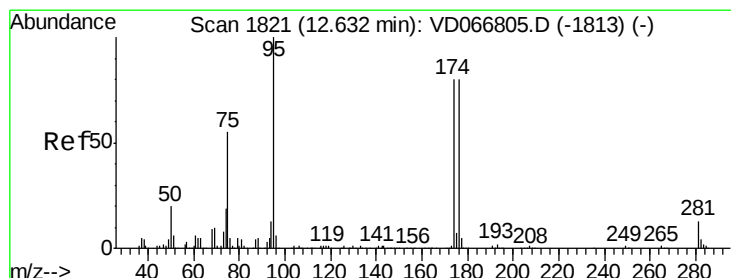
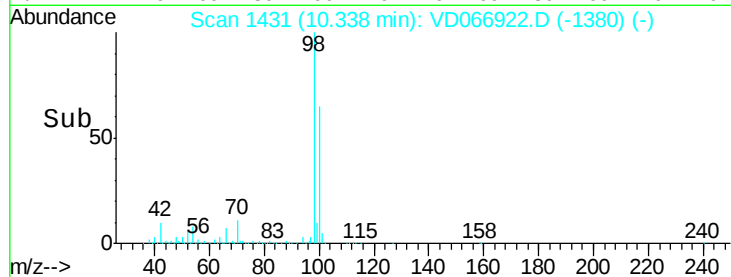
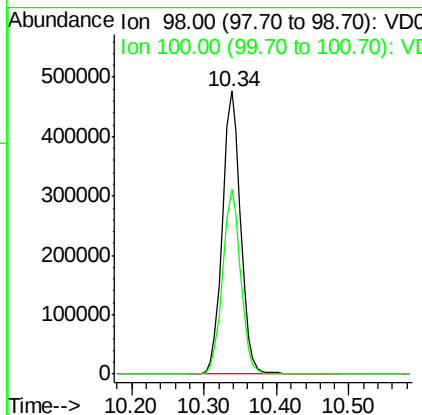
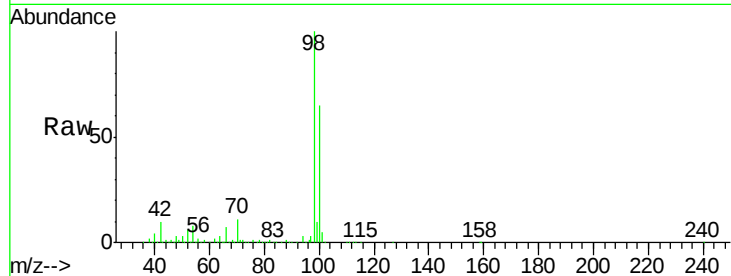




#50
Toluene-d8
Concen: 56.878 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066922.D
Acq: 28 Sep 2020 19:18

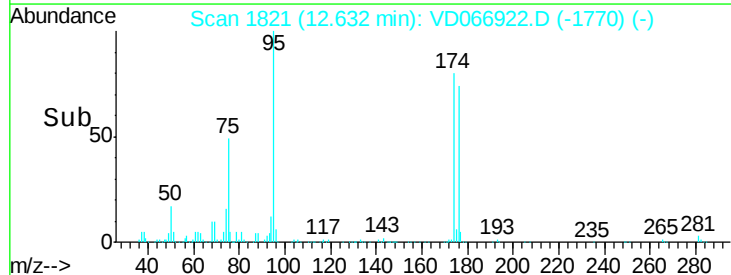
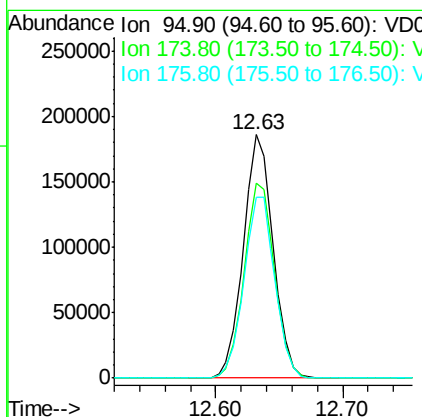
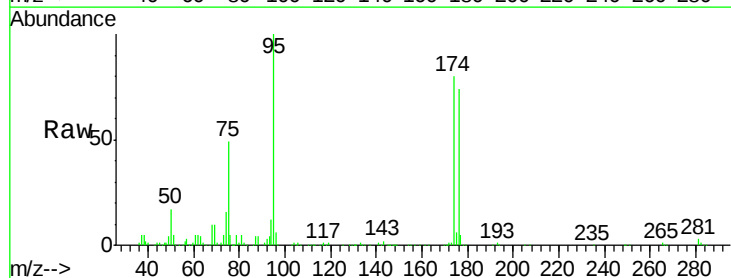
Instrument :
MSVOA_D
ClientSampled :
B-6(7-9)

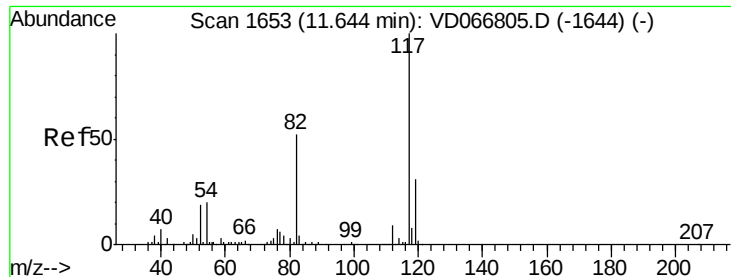
Tot Ion: 98 Resp: 831230
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 60.679 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066922.D
Acq: 28 Sep 2020 19:18

Tgt Ion: 95 Resp: 303575
Ion Ratio Lower Upper
95 100
174 81.7 0.0 159.8
176 77.0 0.0 154.4

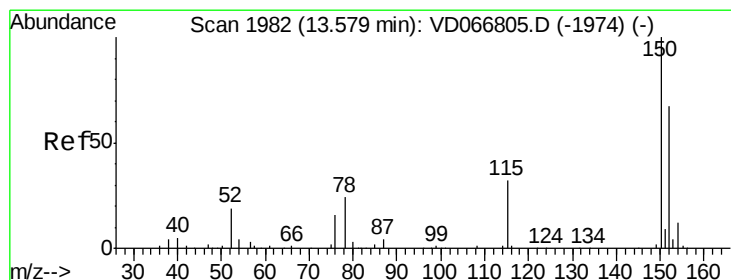
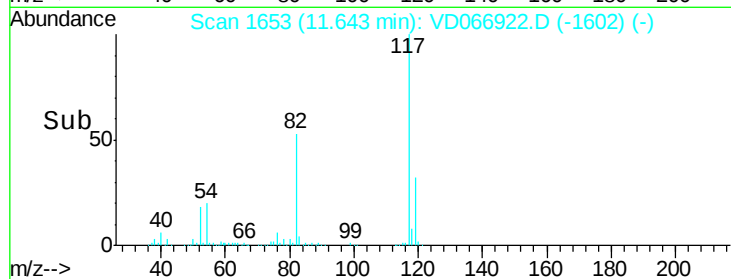
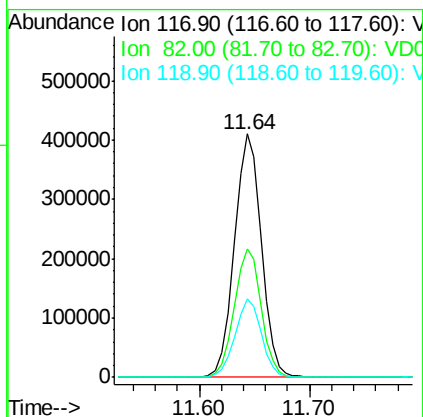
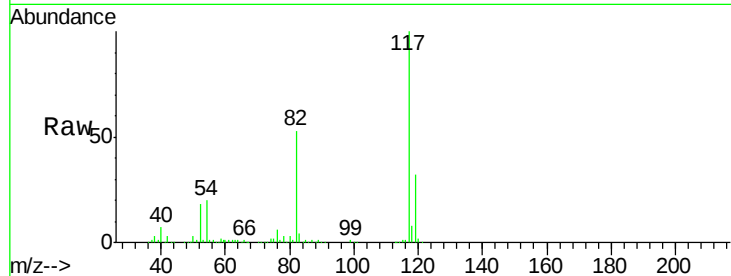




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066922.D
Acq: 28 Sep 2020 19:18

Instrument :
MSVOA_D
ClientSampled :
B-6(7-9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.6	41.8	62.6
119	32.1	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: VD066922.D
Acq: 28 Sep 2020 19:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.3	91.0
150	157.3	0.0	346.2

