

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082120\
 Data File : VD066368.D
 Acq On : 21 Aug 2020 19:14
 Operator : VA/SY
 Sample : L3747-01
 Misc : 6.36G/5.00ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 340

Quant Time: Aug 22 02:41:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	198064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	298044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	271499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	88818	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	105896	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
35) Dibromofluoromethane	7.91	113	90209	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	10.34	98	342238	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.63	95	109976	45.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.90%	

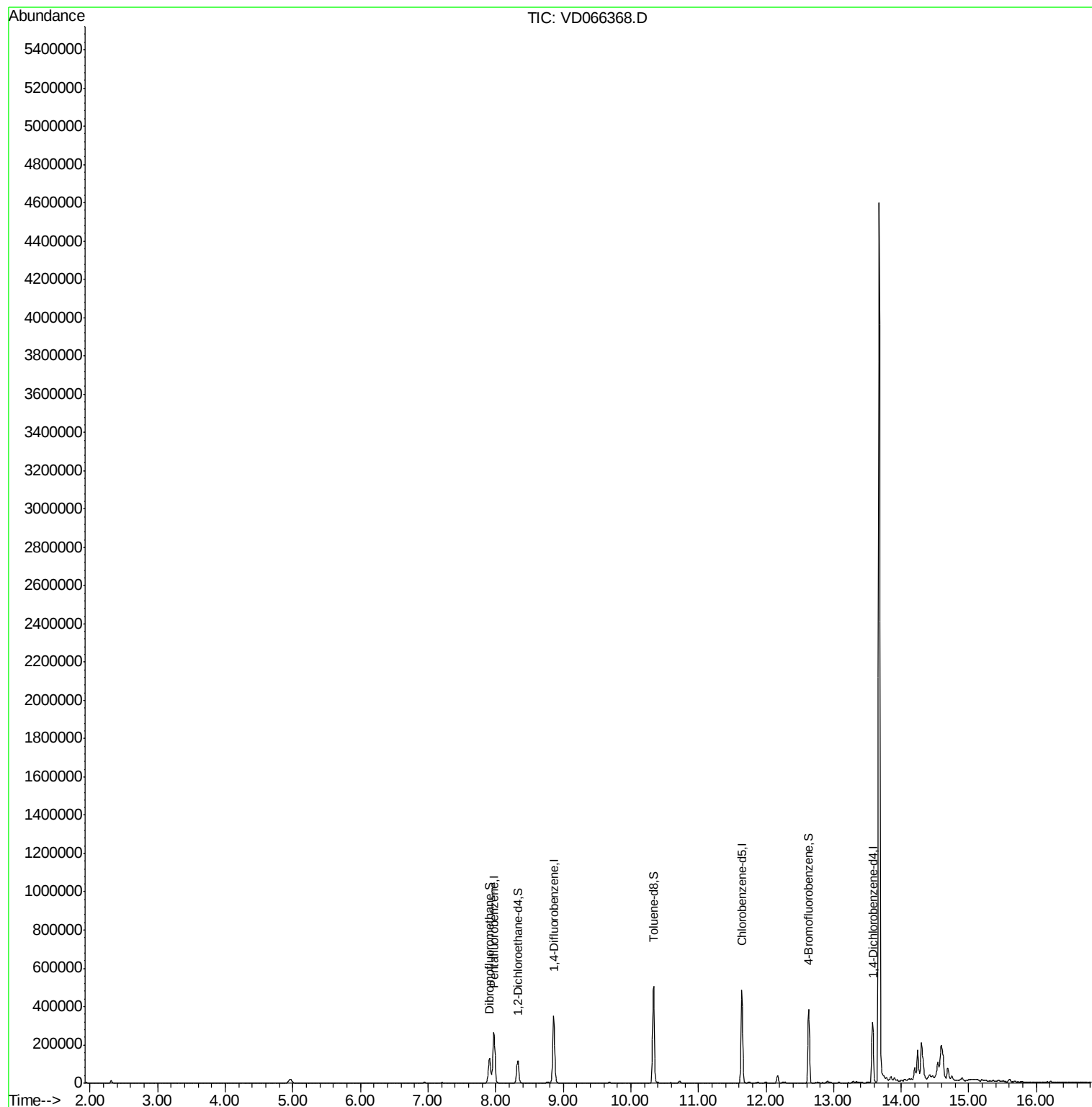
Target Compounds	Qvalue

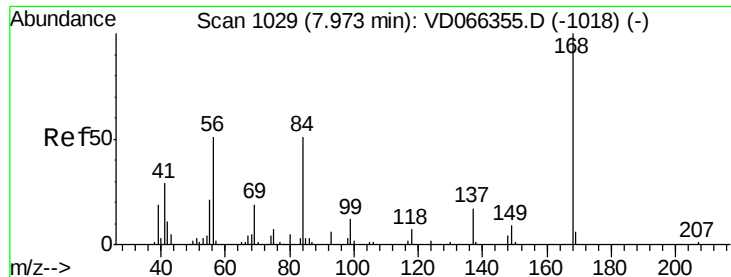
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066368.D

Acq: 21 Aug 2020 19:14

Instrument :

MSVOA_D

ClientSampleId :

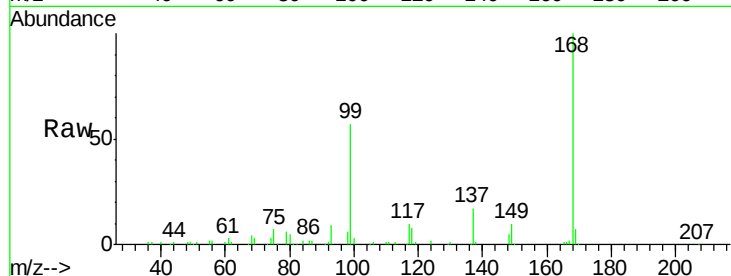
340

Tot Ion:168 Resp: 198064

Ion Ratio Lower Upper

168 100

99 57.5 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

60000

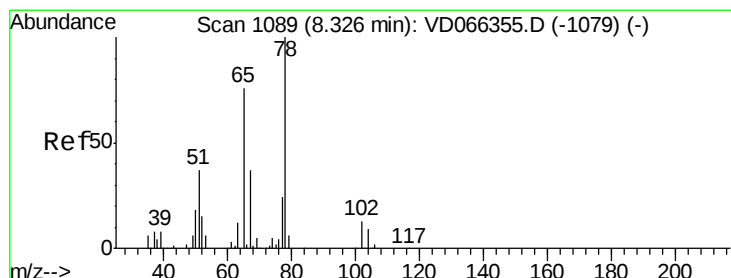
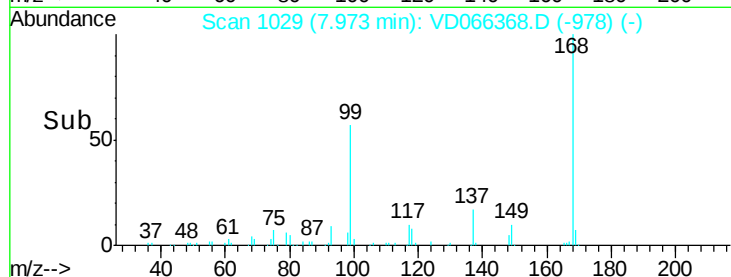
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.535 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066368.D

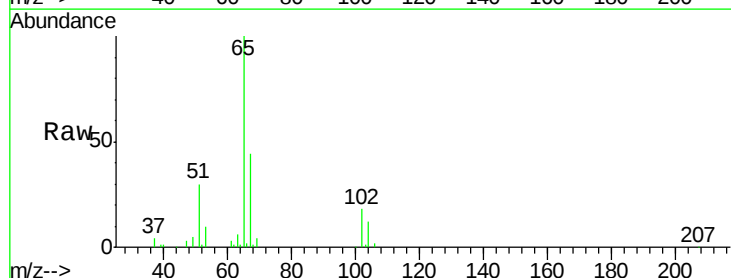
Acq: 21 Aug 2020 19:14

Tgt Ion: 65 Resp: 105896

Ion Ratio Lower Upper

65 100

67 45.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

30000

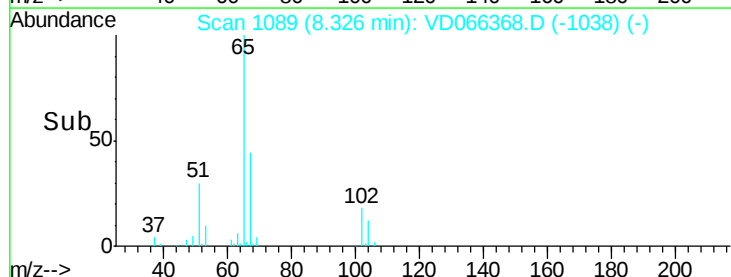
20000

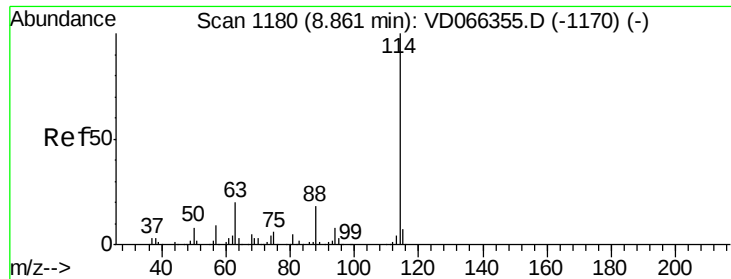
10000

0

8.20 8.30 8.40

Time-->

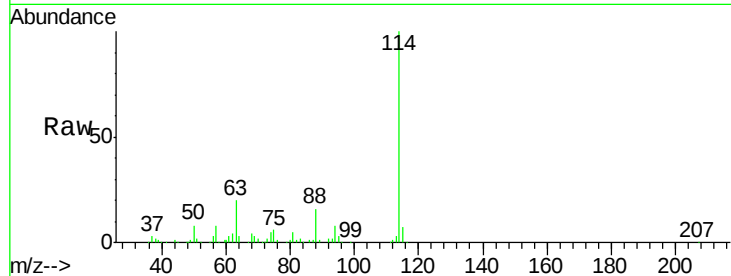




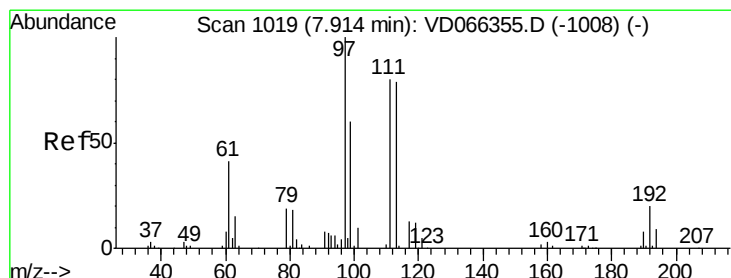
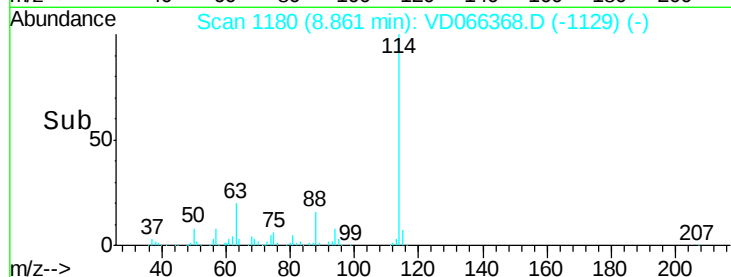
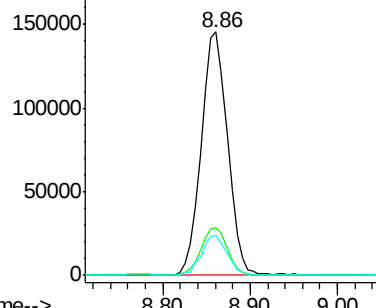
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066368.D
 Acq: 21 Aug 2020 19:14

Instrument :
 MSVOA_D
 ClientSampleId :
 340

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	40.8
88	16.5	0.0	35.4

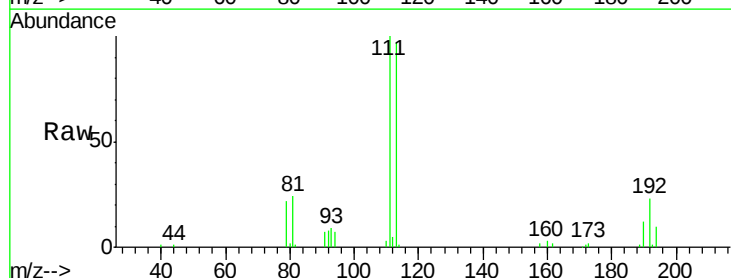


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

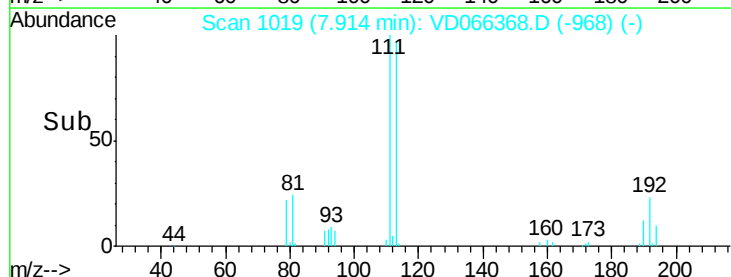
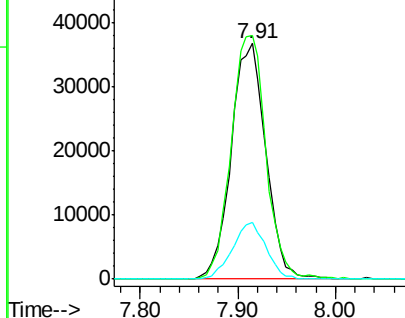


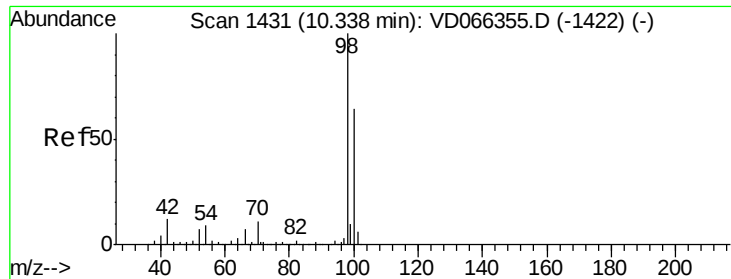
#35
 Dibromofluoromethane
 Concen: 48.403 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066368.D
 Acq: 21 Aug 2020 19:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.3	120.5
192	23.2	19.0	28.6



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

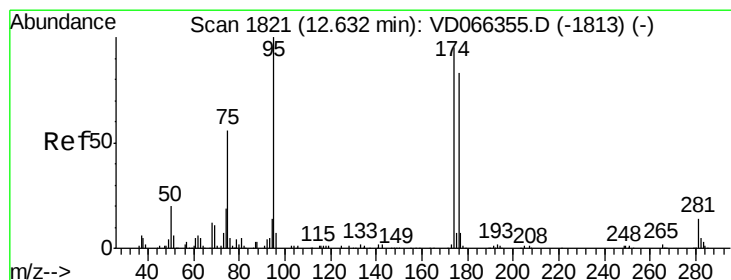
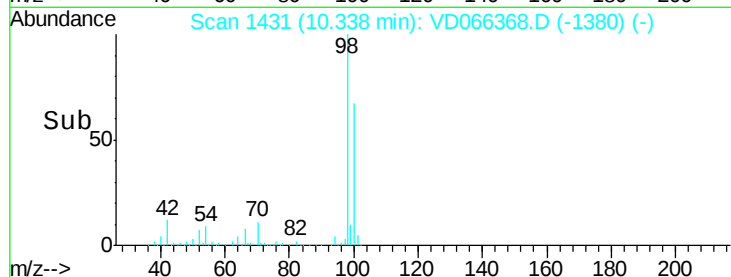
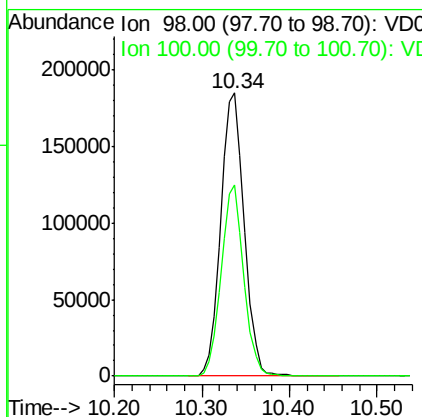
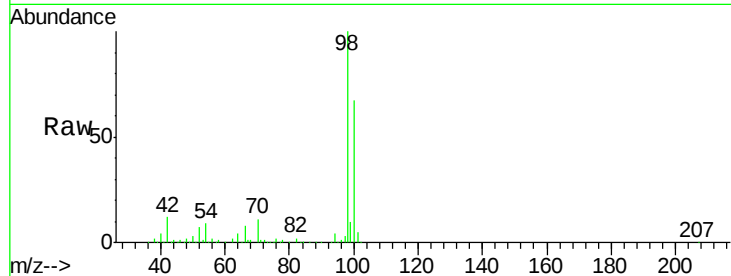




#50
Toluene-d8
Concen: 50.189 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066368.D
Acq: 21 Aug 2020 19:14

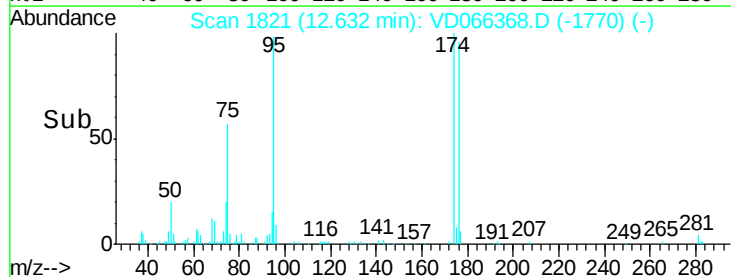
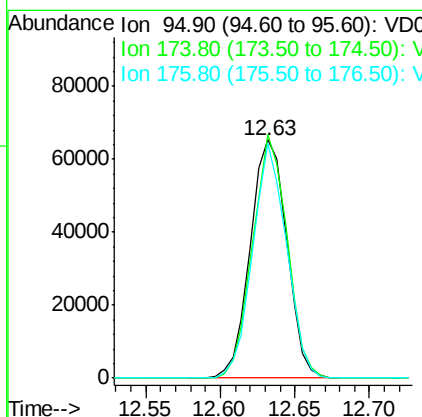
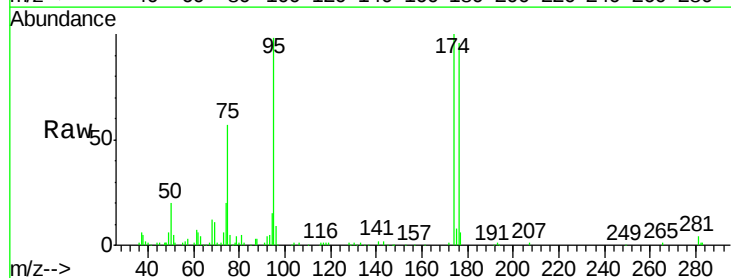
Instrument :
MSVOA_D
ClientSampleId :
340

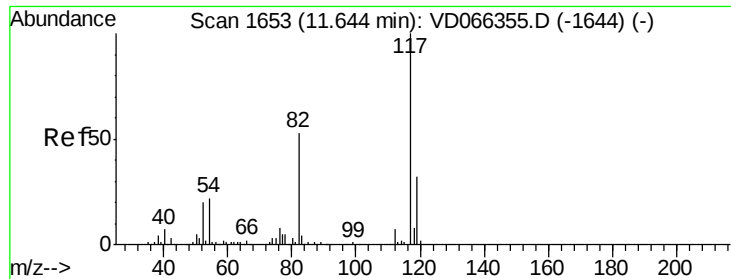
Tot Ion: 98 Resp: 342238
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 45.451 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066368.D
Acq: 21 Aug 2020 19:14

Tgt Ion: 95 Resp: 109976
Ion Ratio Lower Upper
95 100
174 97.1 0.0 183.4
176 91.4 0.0 173.8

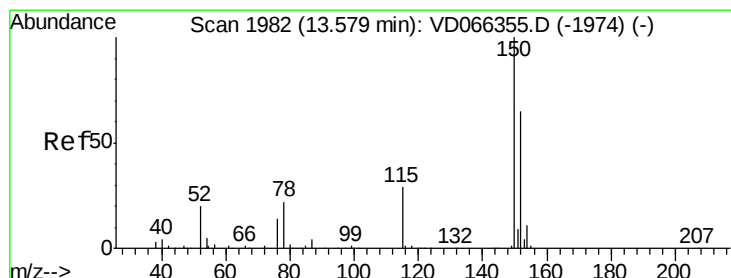
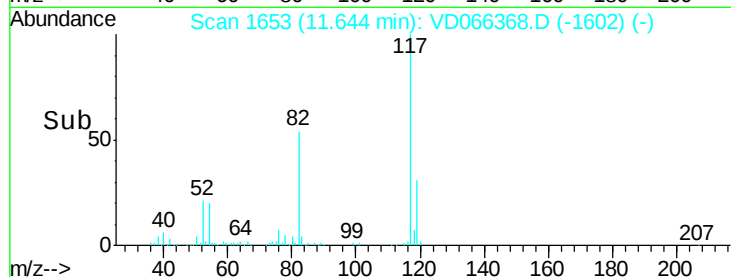
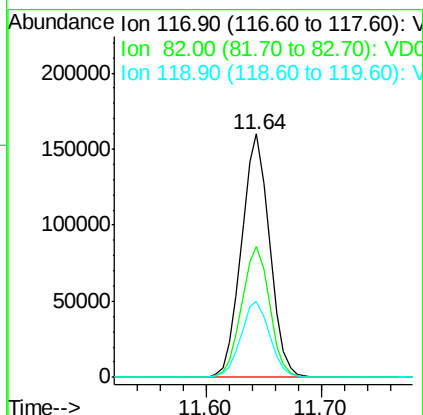
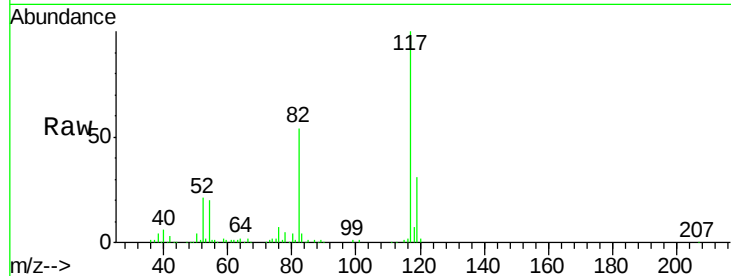




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066368.D
Acq: 21 Aug 2020 19:14

Instrument :
MSVOA_D
ClientSampleId :
340

Tot Ion:117 Resp: 271499
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 31.3 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.01 min
Lab File: VD066368.D
Acq: 21 Aug 2020 19:14

Tgt Ion:152 Resp: 88818
Ion Ratio Lower Upper
152 100
115 57.2 28.3 85.0
150 155.1 0.0 343.2

