

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067219.D
 Acq On : 09 Oct 2020 18:40
 Operator : VA/SY
 Sample : L4319-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11995

Quant Time: Oct 10 01:02:02 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	7.99	168	479883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	787114	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	737608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	356489	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219507	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
35) Dibromofluoromethane	7.91	113	247480	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	10.34	98	914501	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
62) 4-Bromofluorobenzene	12.64	95	319582	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	

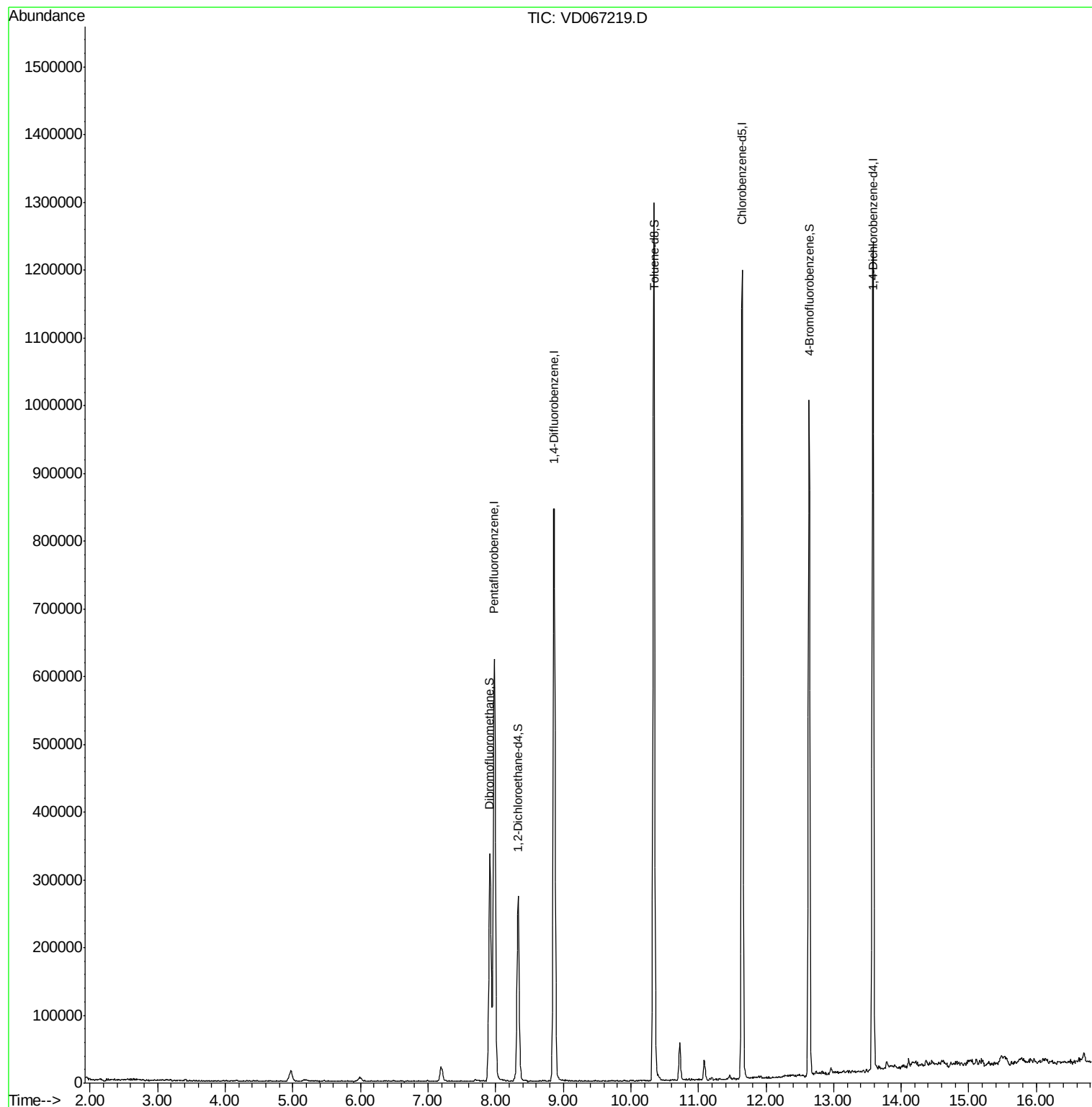
Target Compounds	Qvalue

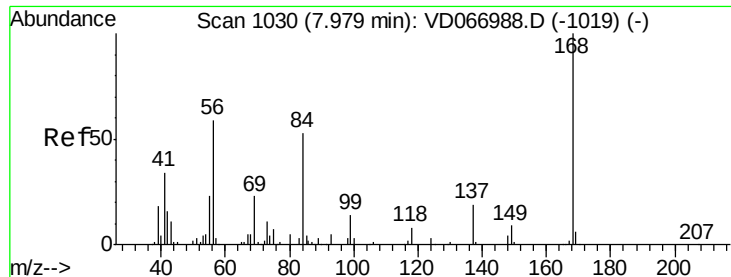
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067219.D

Acq: 09 Oct 2020 18:40

Instrument :

MSVOA_D

ClientSampleId :

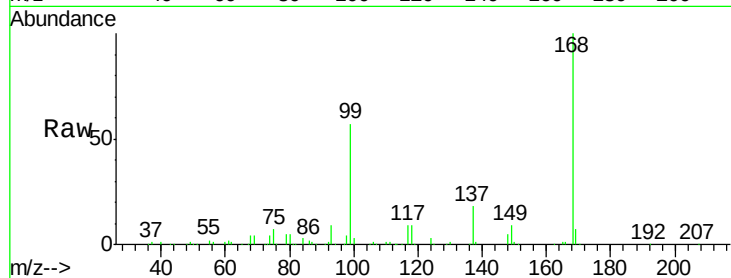
11995

Tot Ion:168 Resp: 479883

Ion Ratio Lower Upper

168 100

99 57.2 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

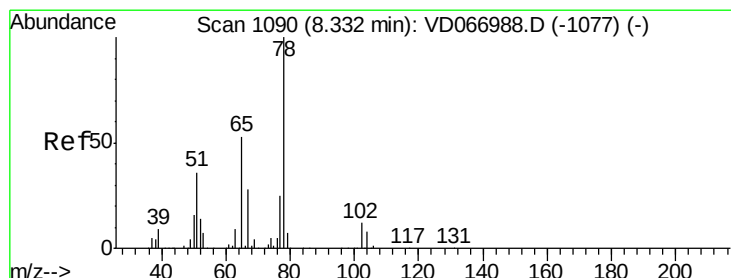
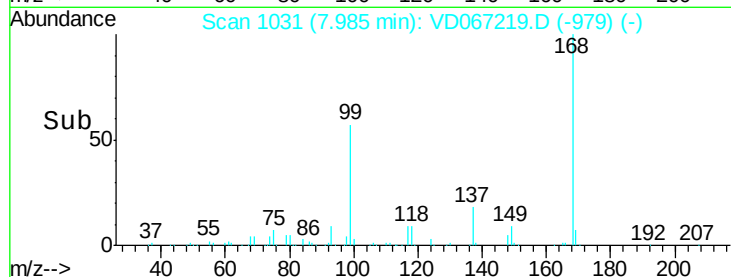
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.490 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067219.D

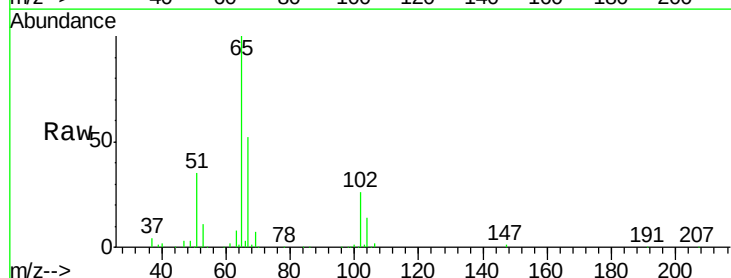
Acq: 09 Oct 2020 18:40

Tgt Ion: 65 Resp: 219507

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

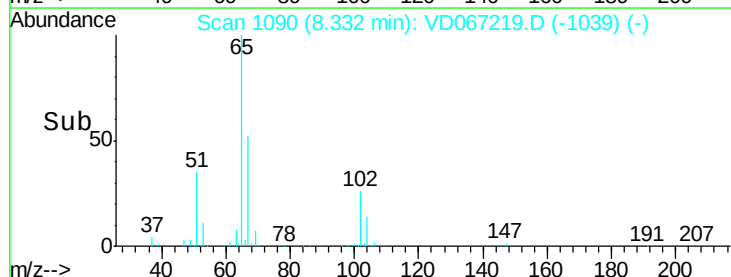
60000

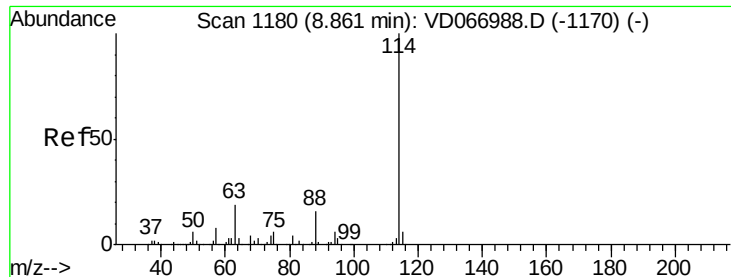
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067219.D

Acq: 09 Oct 2020 18:40

Instrument :

MSVOA_D

ClientSampleId :

11995

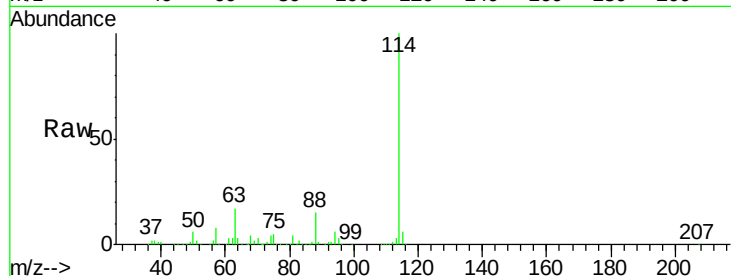
Tot Ion:114 Resp: 787114

Ion Ratio Lower Upper

114 100

63 17.0 0.0 38.4

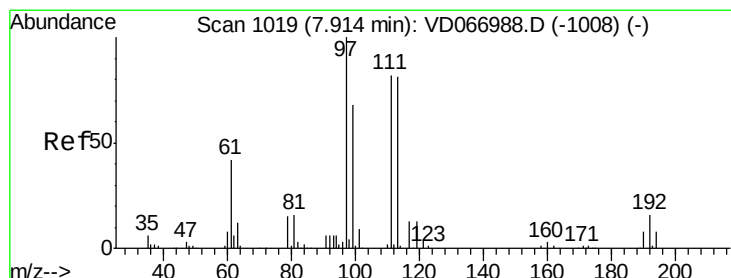
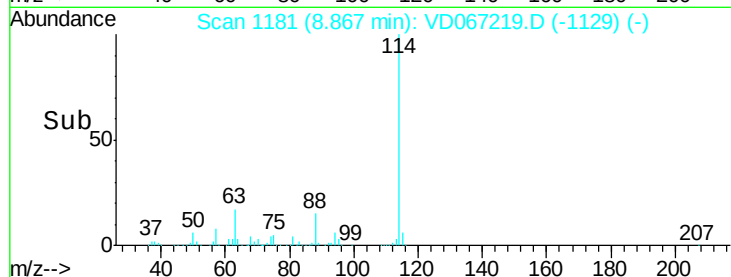
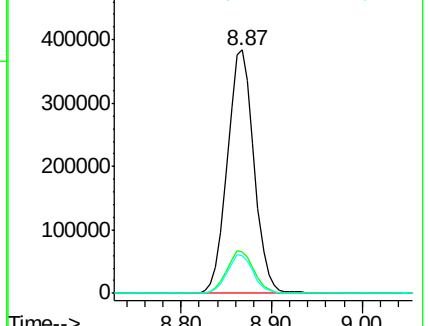
88 15.3 0.0 31.2



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: 48.026 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067219.D

Acq: 09 Oct 2020 18:40

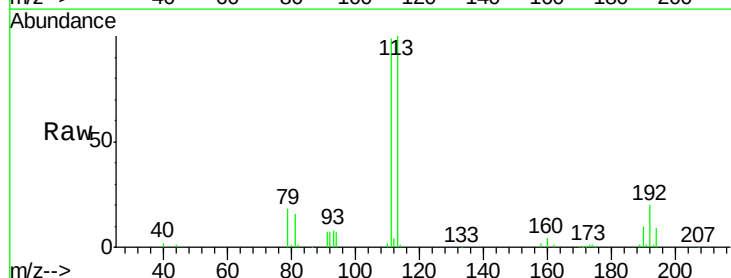
Tgt Ion:113 Resp: 247480

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

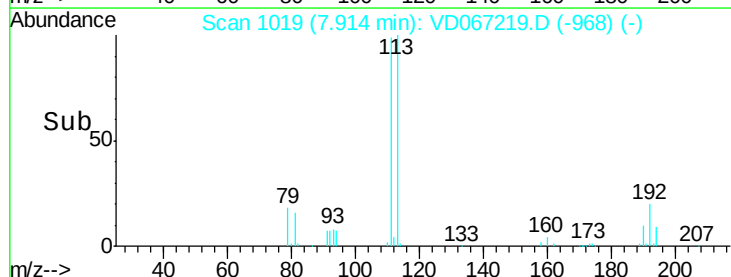
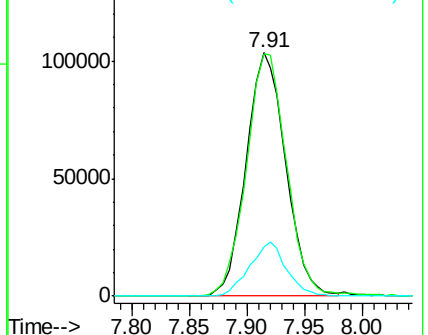
192 20.6 15.5 23.3

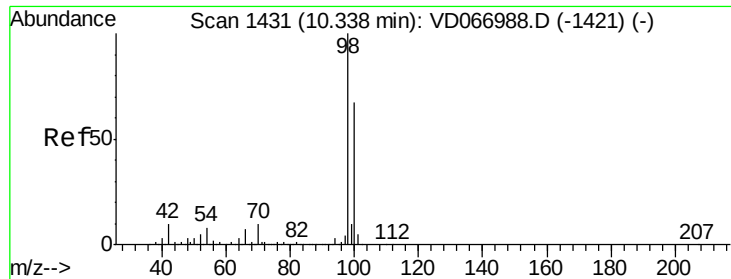


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

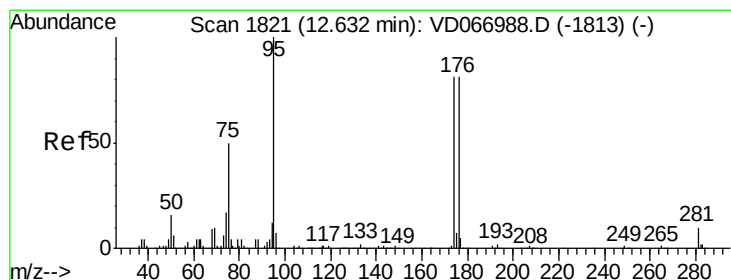
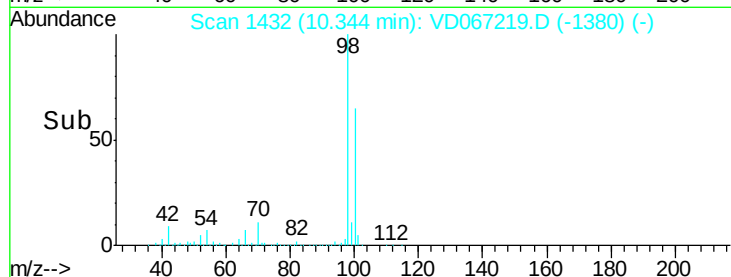
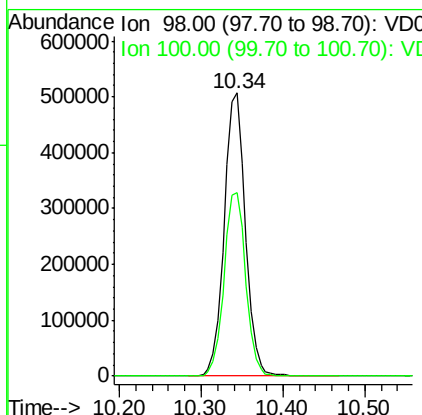
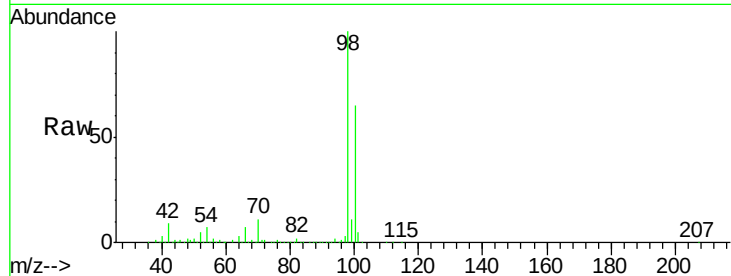




#50
Toluene-d8
Concen: 48.703 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD067219.D
Acq: 09 Oct 2020 18:40

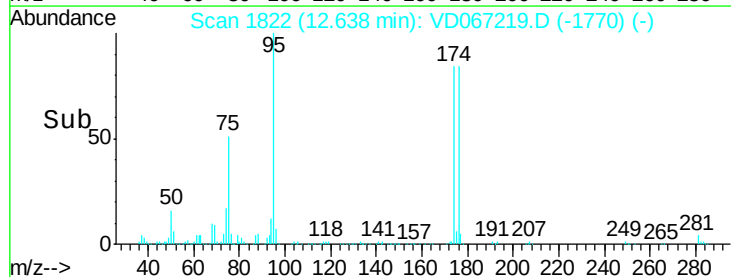
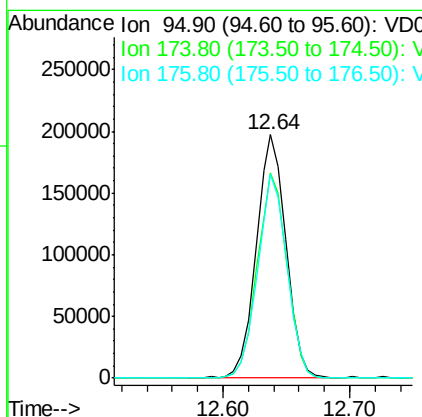
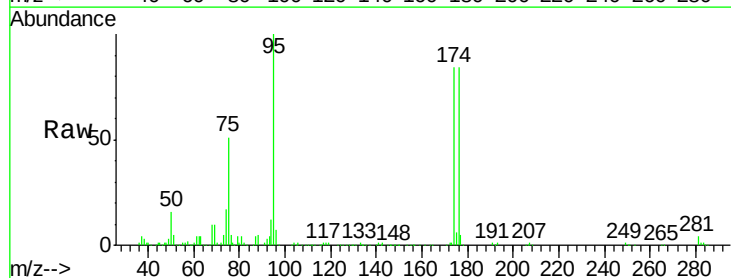
Instrument :
MSVOA_D
ClientSampleId :
11995

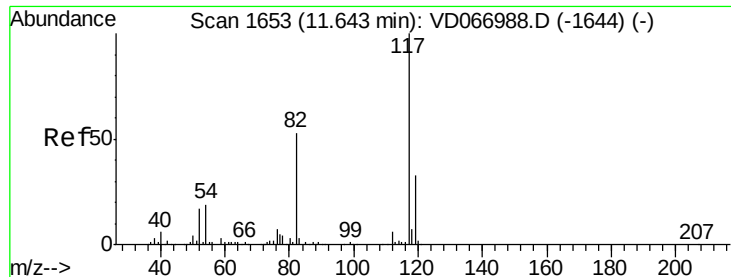
Tot Ion: 98 Resp: 914501
Ion Ratio Lower Upper
98 100
100 66.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.135 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067219.D
Acq: 09 Oct 2020 18:40

Tgt Ion: 95 Resp: 319582
Ion Ratio Lower Upper
95 100
174 84.7 0.0 167.6
176 83.2 0.0 162.4

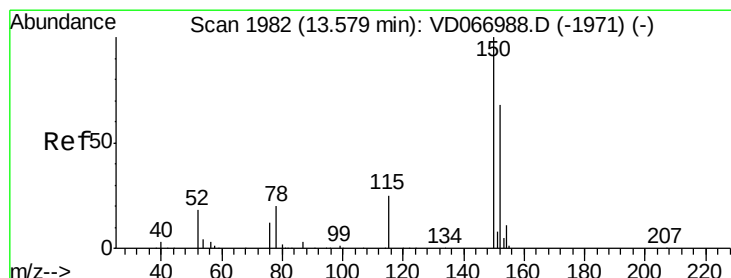
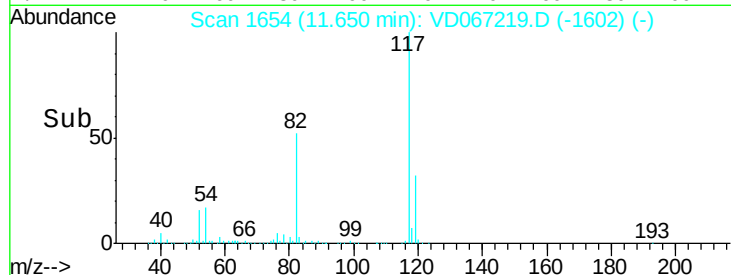
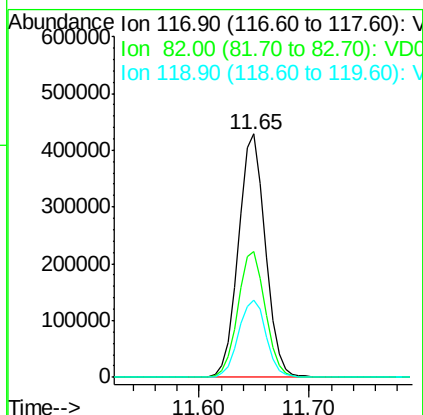
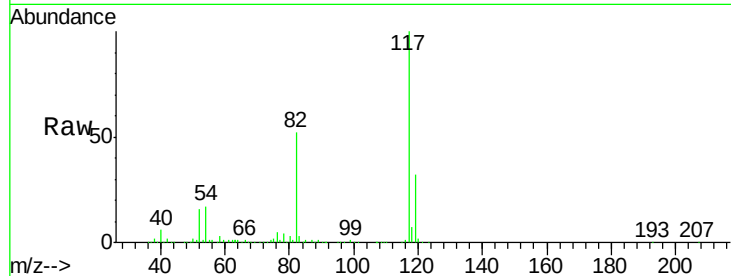




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067219.D
Acq: 09 Oct 2020 18:40

Instrument :
MSVOA_D
ClientSampled :
11995

Tot Ion:117 Resp: 737608
Ion Ratio Lower Upper
117 100
82 51.8 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# 1983
Delta R.T. 0.01 min
Lab File: VD067219.D
Acq: 09 Oct 2020 18:40

Tgt Ion:152 Resp: 356489
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 154.2 0.0 344.8

