

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067065.D
 Acq On : 03 Oct 2020 06:06
 Operator : VA/SY
 Sample : L4221-01
 Misc : 7.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-100120

Quant Time: Oct 03 07:21:24 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	7.98	168	553104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	922058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	826048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	366869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	261205	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.91	113	291762	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
50) Toluene-d8	10.34	98	1080670	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.64	95	344811	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	

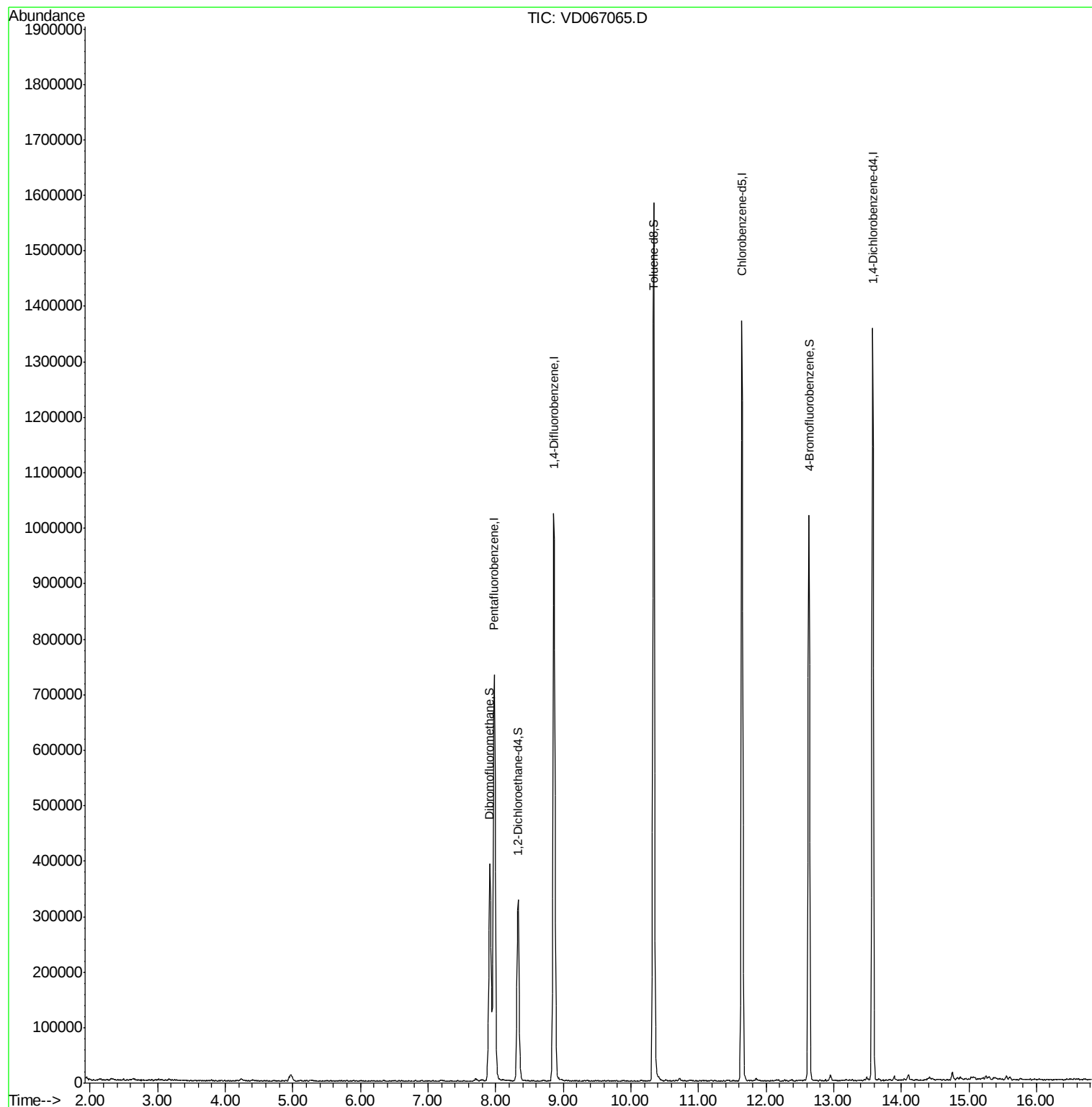
Target Compounds	Qvalue

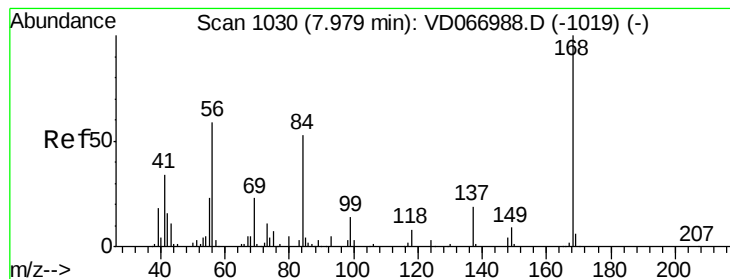
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067065.D

Acq: 03 Oct 2020 06:06

Instrument :

MSVOA_D

ClientSampleId :

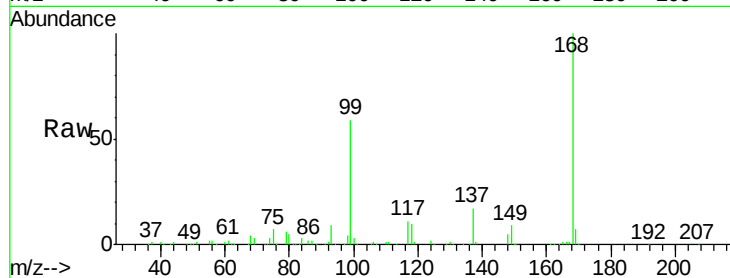
OK-02-100120

Tot Ion:168 Resp: 553104

Ion Ratio Lower Upper

168 100

99 58.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

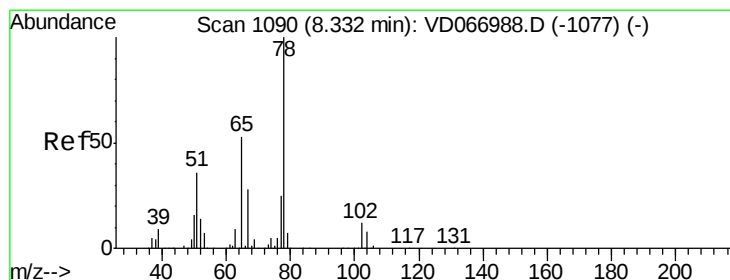
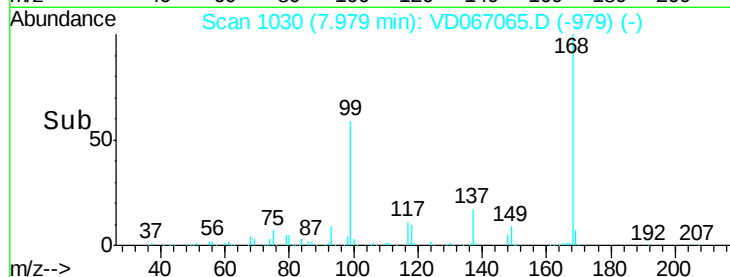
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.030 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067065.D

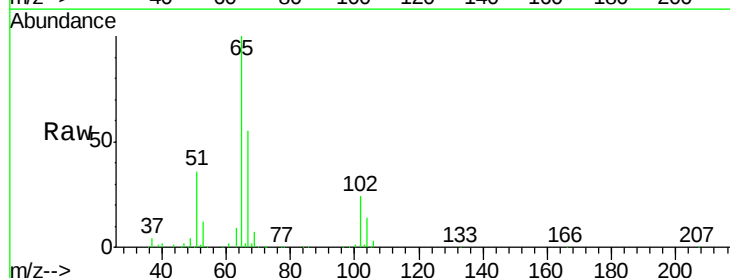
Acq: 03 Oct 2020 06:06

Tgt Ion: 65 Resp: 261205

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

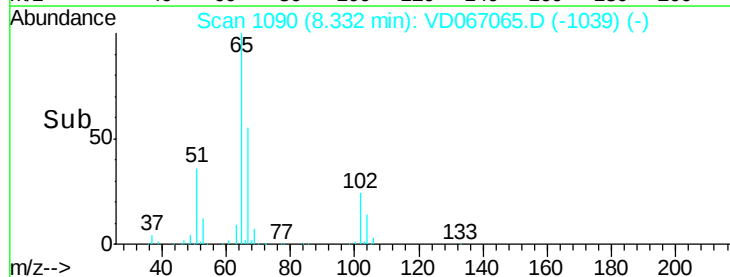
8.33

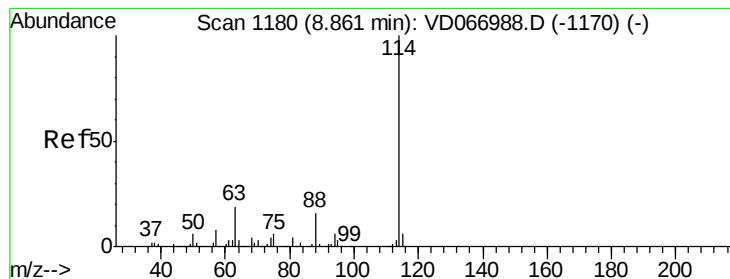
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067065.D

Acq: 03 Oct 2020 06:06

Instrument :

MSVOA_D

ClientSampleId :

OK-02-100120

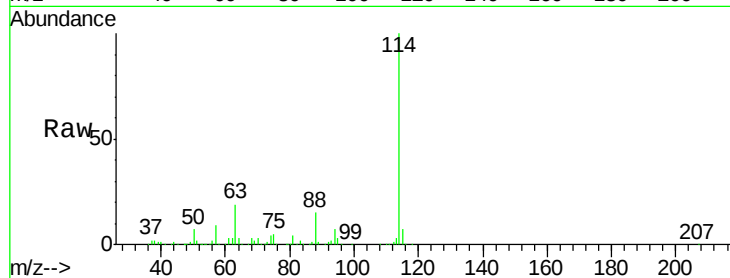
Tot Ion:114 Resp: 922058

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

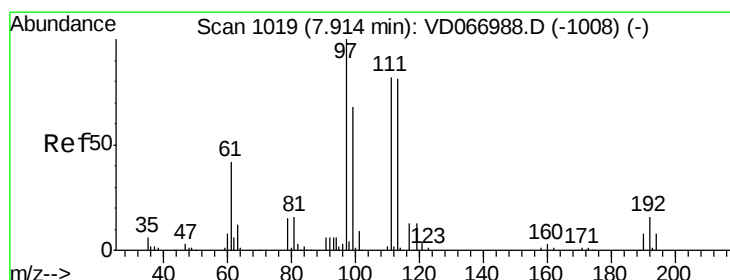
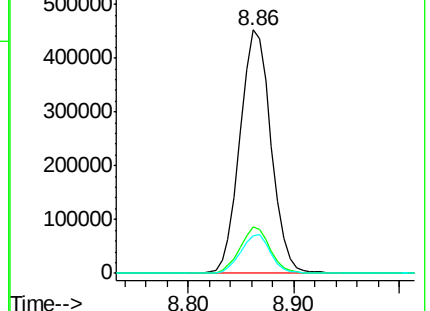
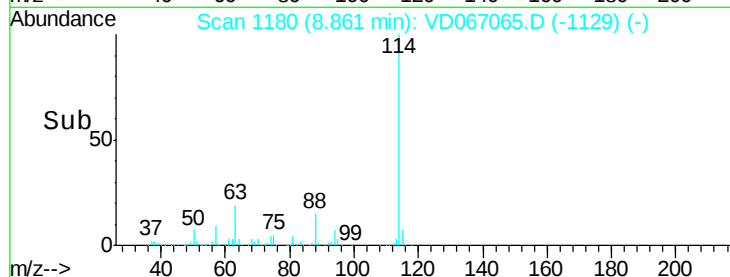
88 15.5 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 48.333 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067065.D

Acq: 03 Oct 2020 06:06

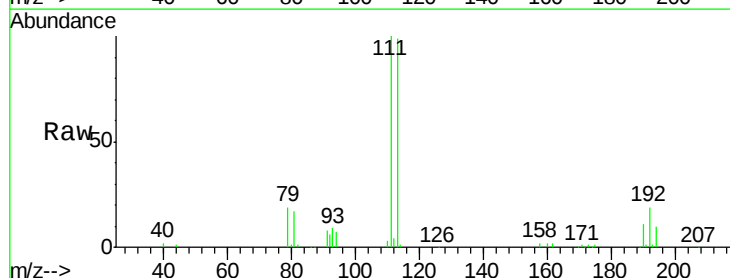
Tgt Ion:113 Resp: 291762

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.4

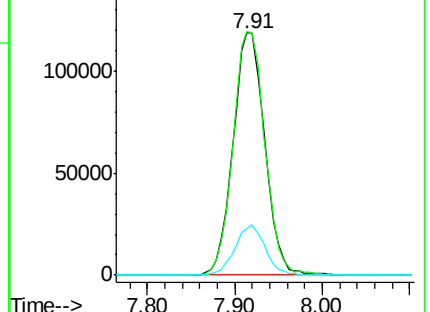
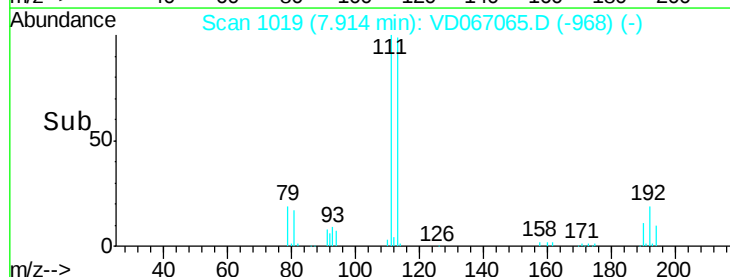
192 19.8 15.5 23.3

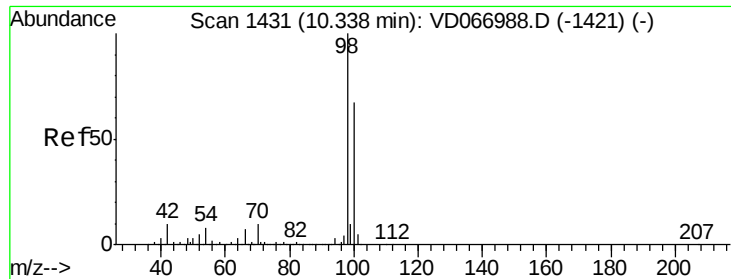


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

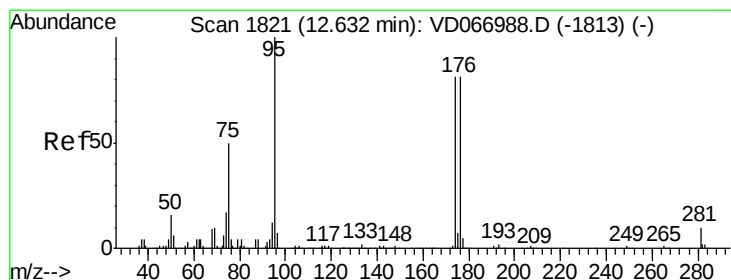
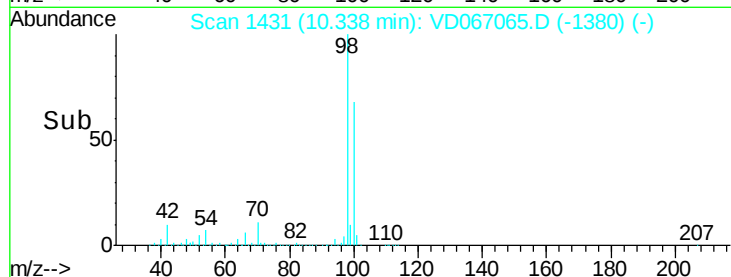
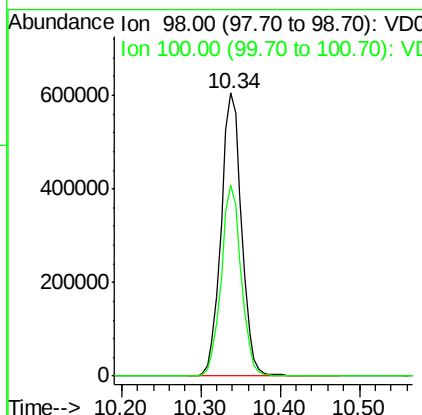
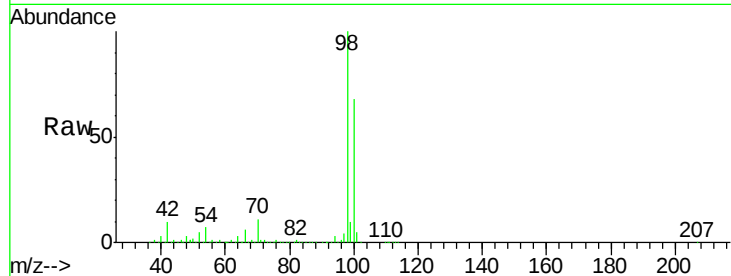




#50
Toluene-d8
Concen: 49.129 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067065.D
Acq: 03 Oct 2020 06:06

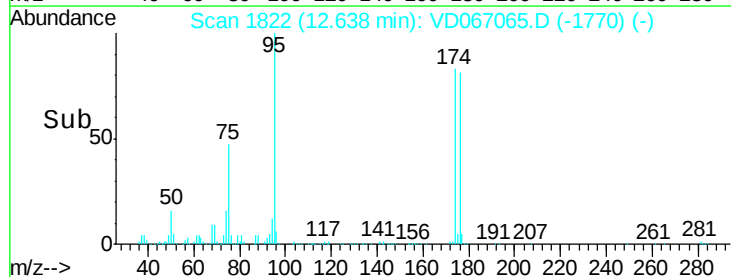
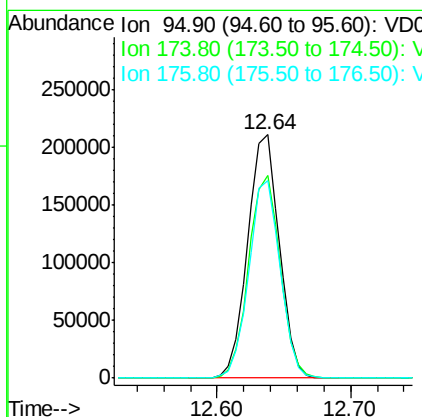
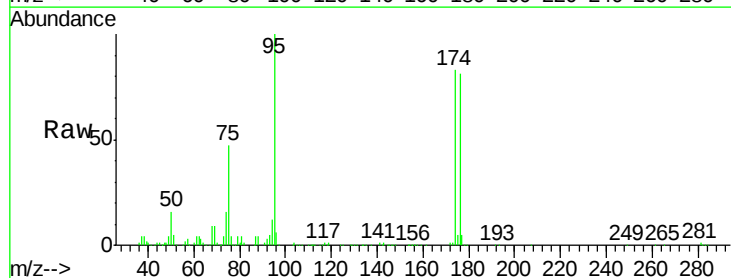
Instrument :
MSVOA_D
ClientSampleId :
OK-02-100120

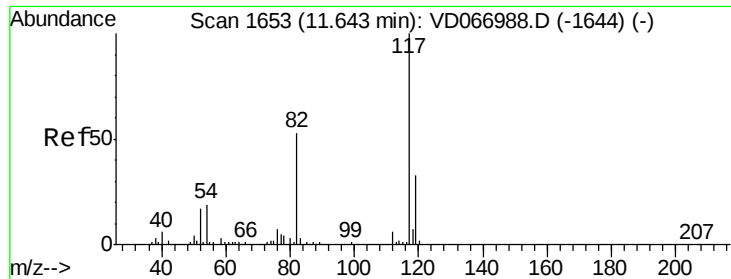
Tot Ion: 98 Resp: 1080670
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.176 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067065.D
Acq: 03 Oct 2020 06:06

Tgt Ion: 95 Resp: 344811
Ion Ratio Lower Upper
95 100
174 83.2 0.0 167.6
176 80.1 0.0 162.4

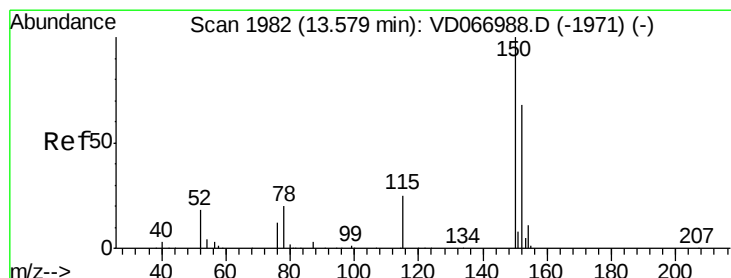
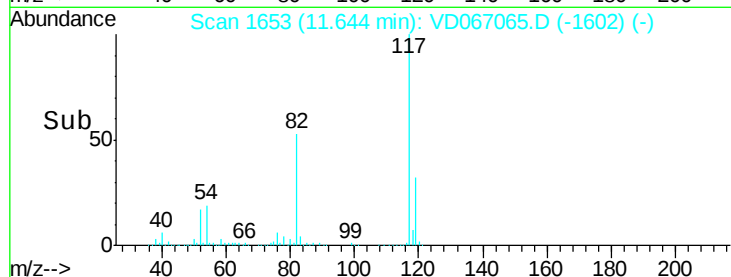
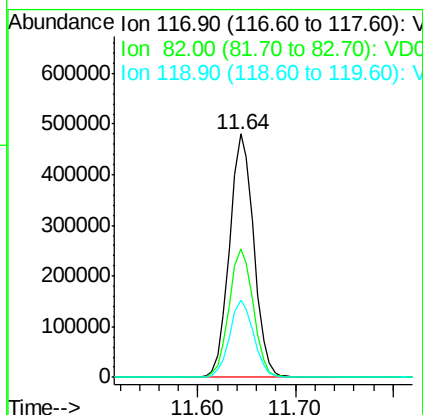
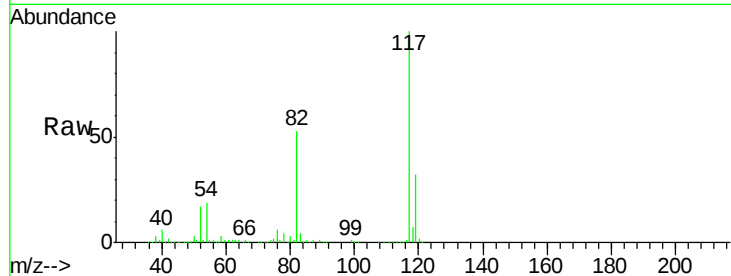




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067065.D
Acq: 03 Oct 2020 06:06

Instrument :
MSVOA_D
ClientSampleId :
OK-02-100120

Tot Ion:117 Resp: 826048
Ion Ratio Lower Upper
117 100
82 52.6 42.6 63.8
119 31.9 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067065.D
Acq: 03 Oct 2020 06:06

Tgt Ion:152 Resp: 366869
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 158.9 0.0 344.8

