

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067142.D
 Acq On : 07 Oct 2020 10:31
 Operator : VA/SY
 Sample : VD1007SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBL01

Quant Time: Oct 08 07:41:58 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	437702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	702780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	657086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	311704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219452	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	
35) Dibromofluoromethane	7.91	113	231066	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.34	98	821550	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	12.64	95	277853	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

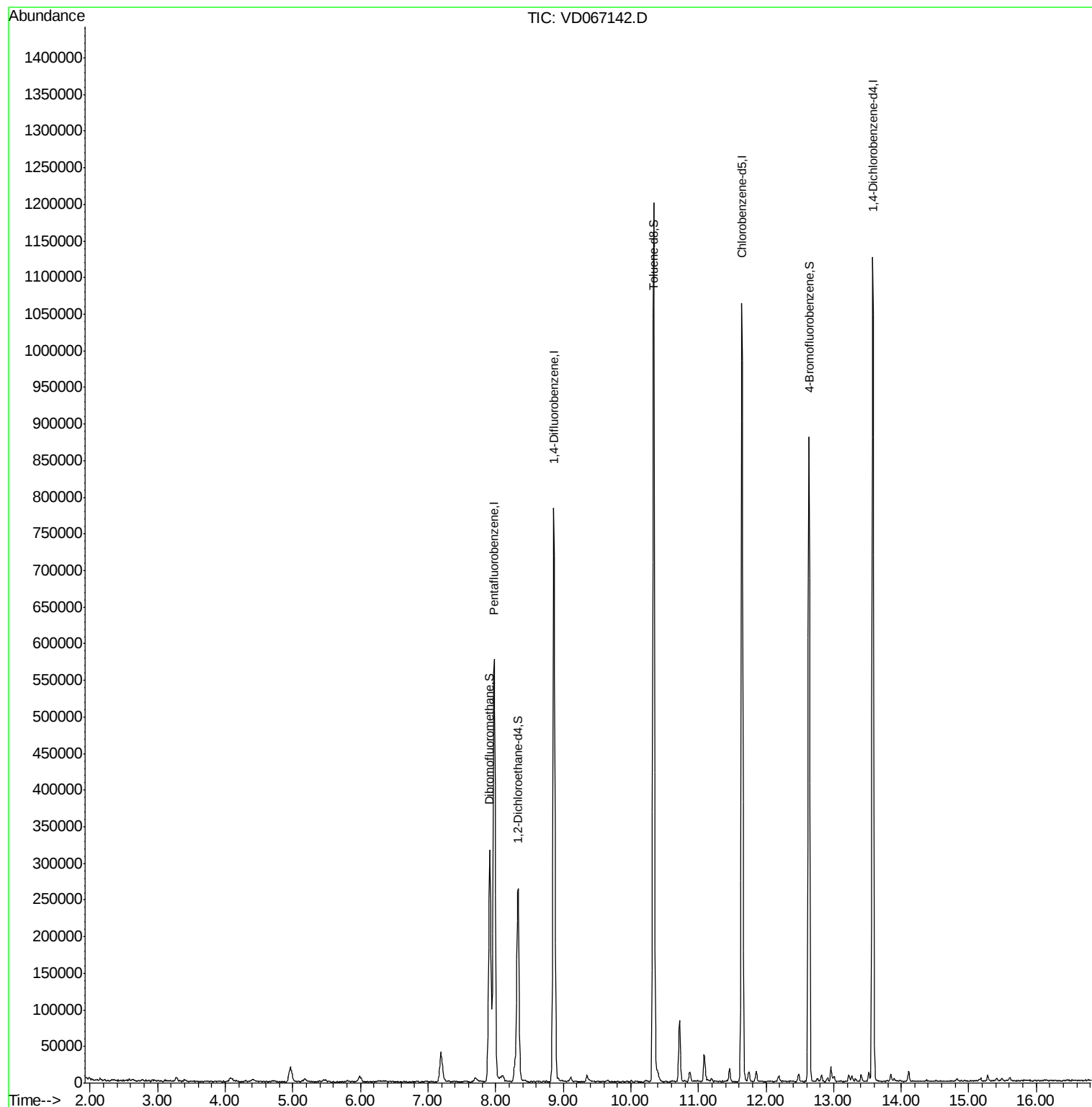
Target Compounds	Qvalue

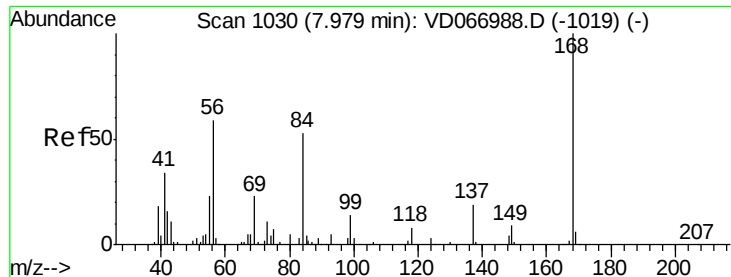
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 15:19:17 2020
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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: VD067142.D

Acq: 07 Oct 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

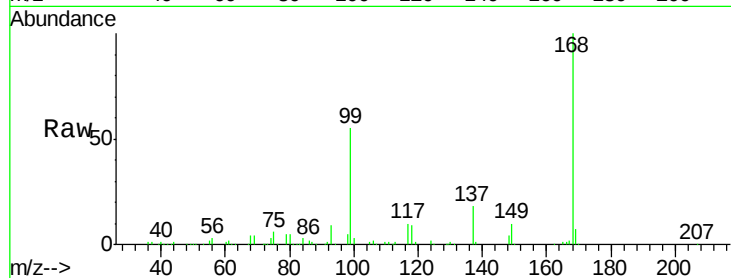
VD1007SBL01

Tot Ion:168 Resp: 437702

Ion Ratio Lower Upper

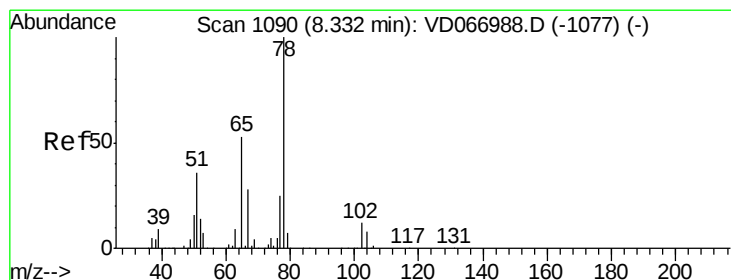
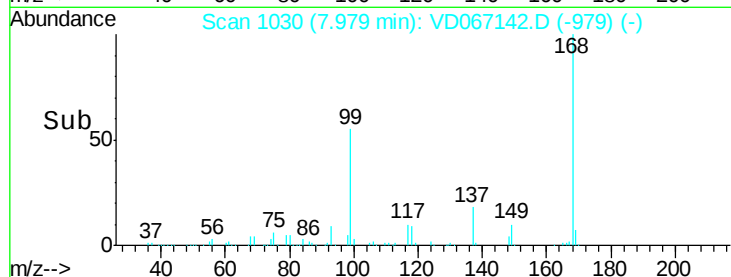
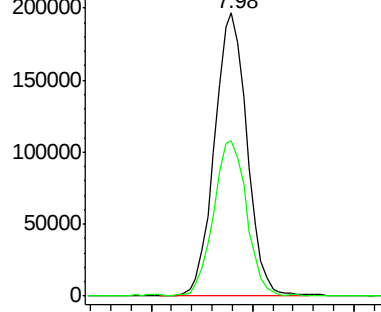
168 100

99 54.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.053 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067142.D

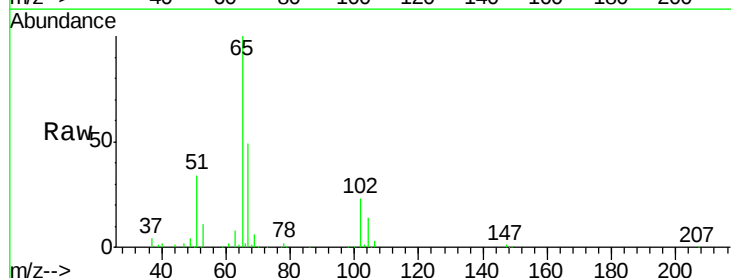
Acq: 07 Oct 2020 10:31

Tgt Ion: 65 Resp: 219452

Ion Ratio Lower Upper

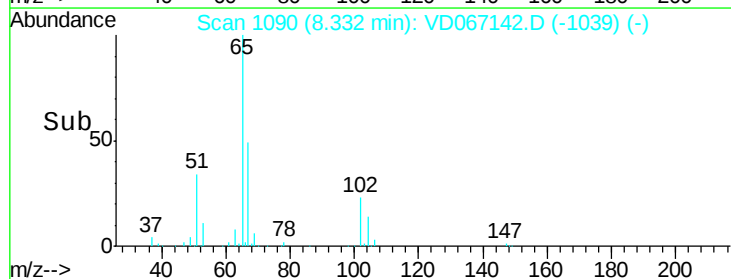
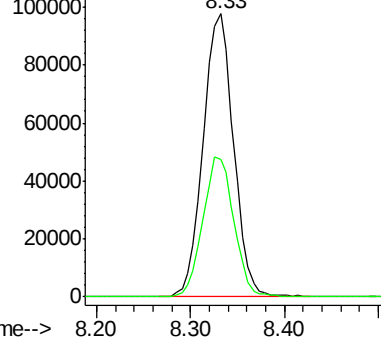
65 100

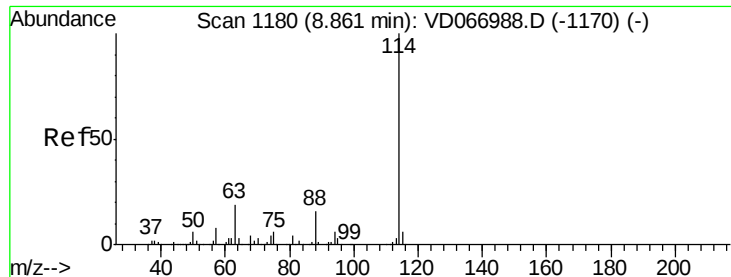
67 50.3 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

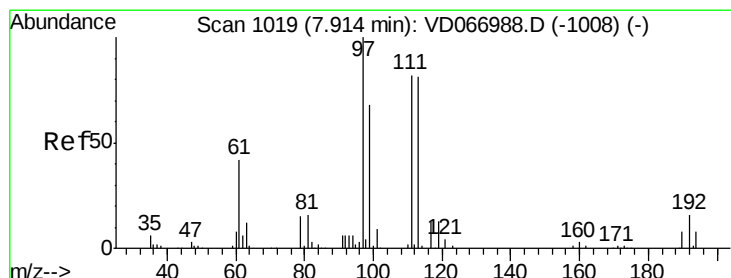
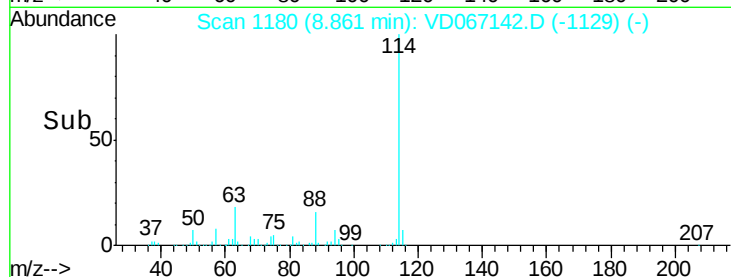
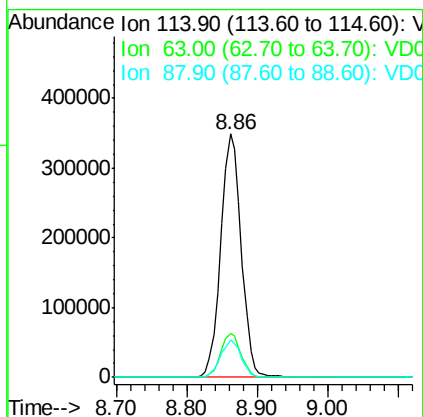
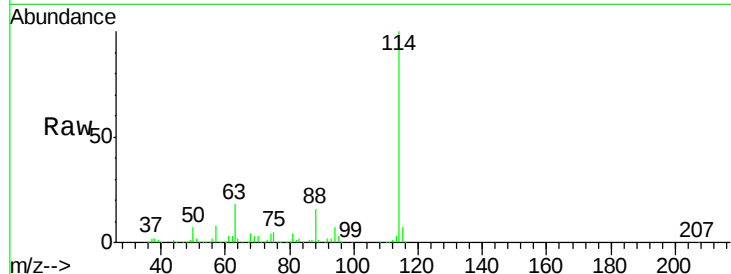




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067142.D
 Acq: 07 Oct 2020 10:31

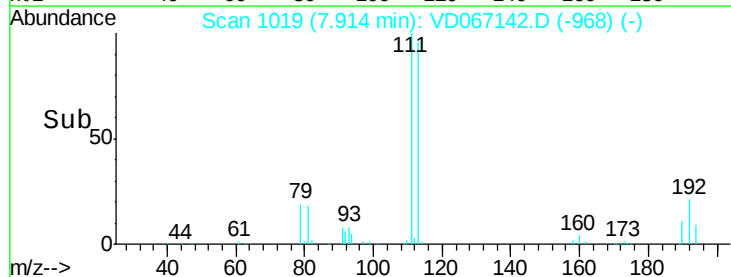
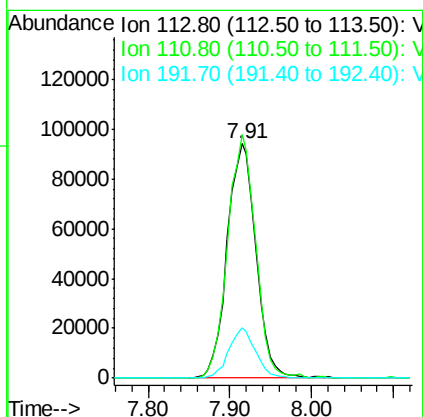
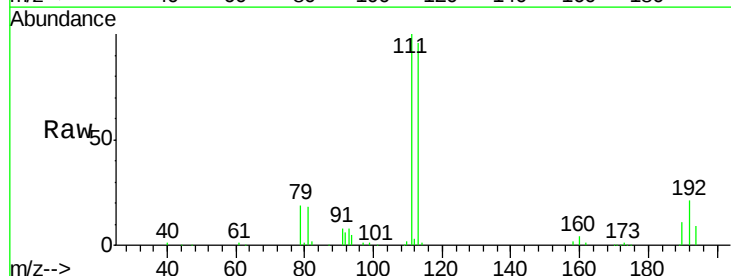
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBL01

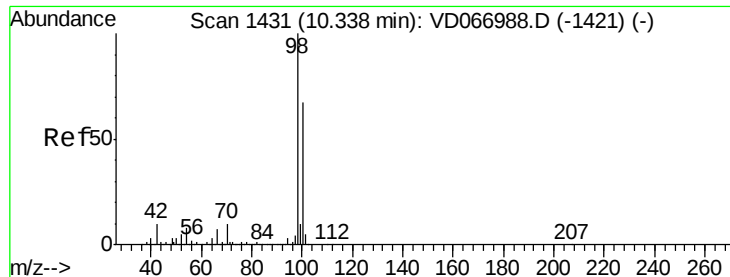
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.4
88	15.5	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 50.221 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067142.D
 Acq: 07 Oct 2020 10:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.4
192	19.7	15.5	23.3





#50

Toluene-d8

Concen: 49.003 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067142.D

Acq: 07 Oct 2020 10:31

Instrument :

MSVOA_D

ClientSampleId :

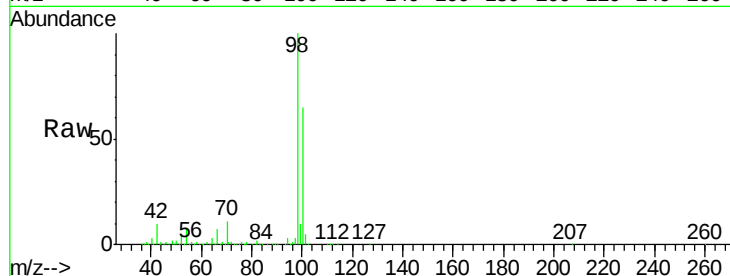
VD1007SBL01

Tot Ion: 98 Resp: 821550

Ion Ratio Lower Upper

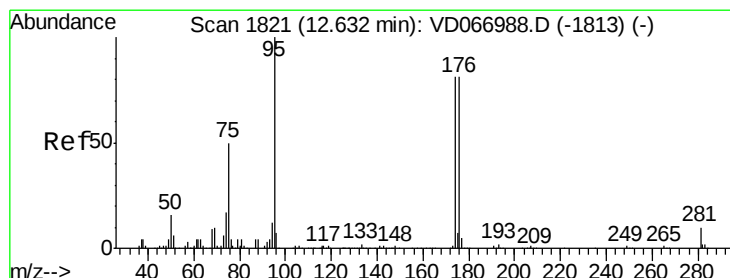
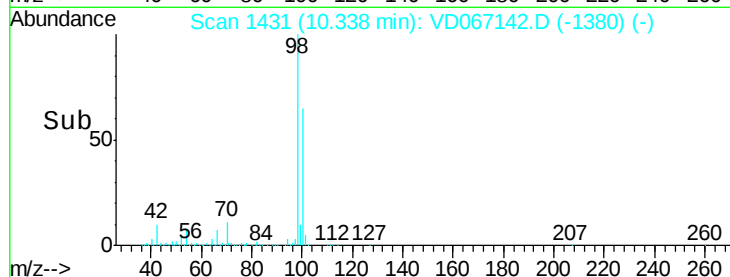
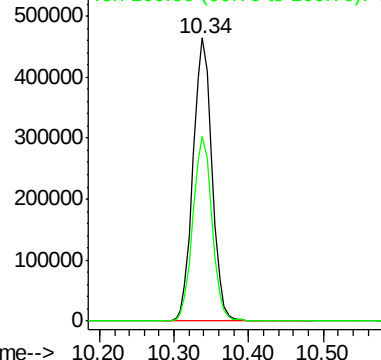
98 100

100 65.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 48.819 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067142.D

Acq: 07 Oct 2020 10:31

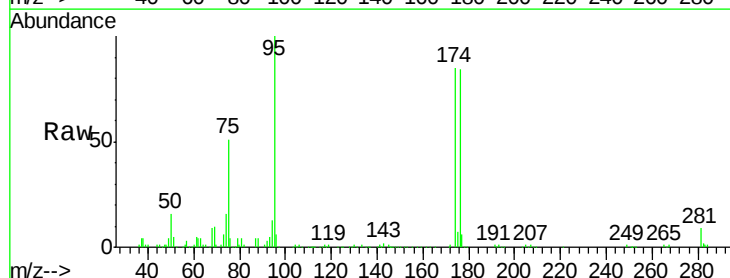
Tgt Ion: 95 Resp: 277853

Ion Ratio Lower Upper

95 100

174 85.9 0.0 167.6

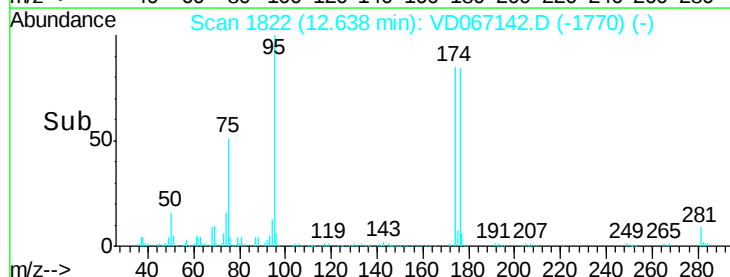
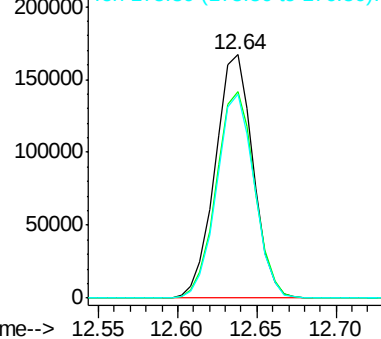
176 82.8 0.0 162.4

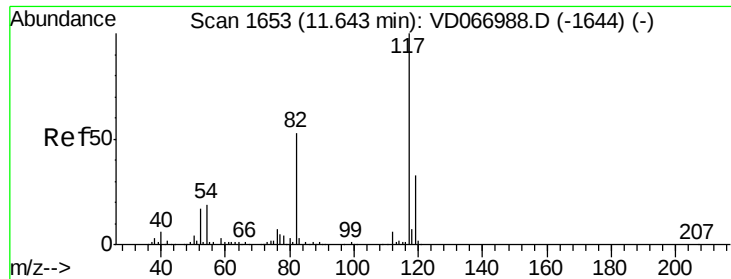


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

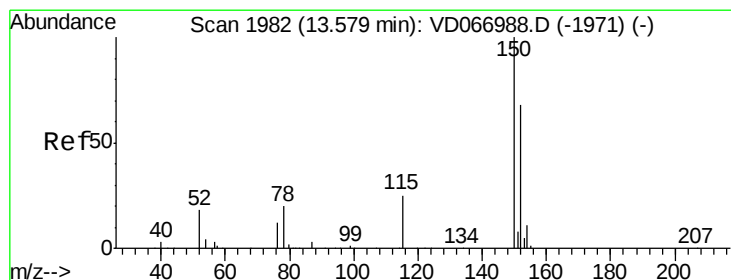
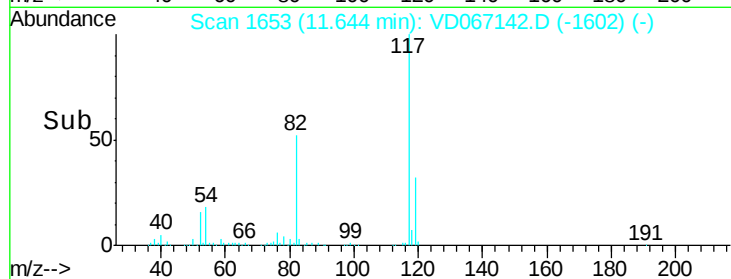
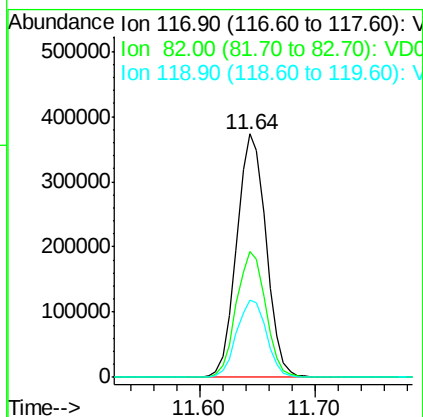
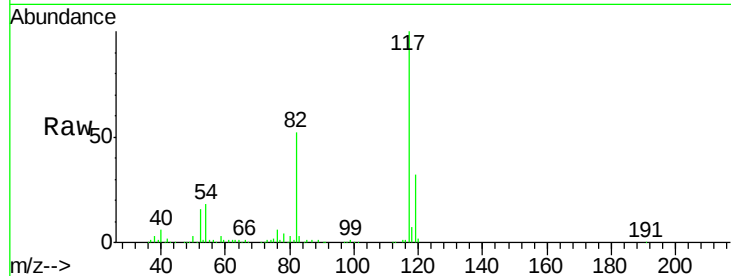




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067142.D
Acq: 07 Oct 2020 10:31

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBL01

Tot Ion:117 Resp: 657086
Ion Ratio Lower Upper
117 100
82 51.8 42.6 63.8
119 31.7 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: VD067142.D
Acq: 07 Oct 2020 10:31

Tgt Ion:152 Resp: 311704
Ion Ratio Lower Upper
152 100
115 57.4 29.6 88.8
150 156.9 0.0 344.8

