

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067045.D
 Acq On : 02 Oct 2020 19:37
 Operator : VA/SY
 Sample : L4196-01
 Misc : 5.36G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251609

Quant Time: Oct 03 05:32:21 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	484105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	808403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	748705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343530	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	262709	56.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.68%	
35) Dibromofluoromethane	7.91	113	262941	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
50) Toluene-d8	10.34	98	948454	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.64	95	318176	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

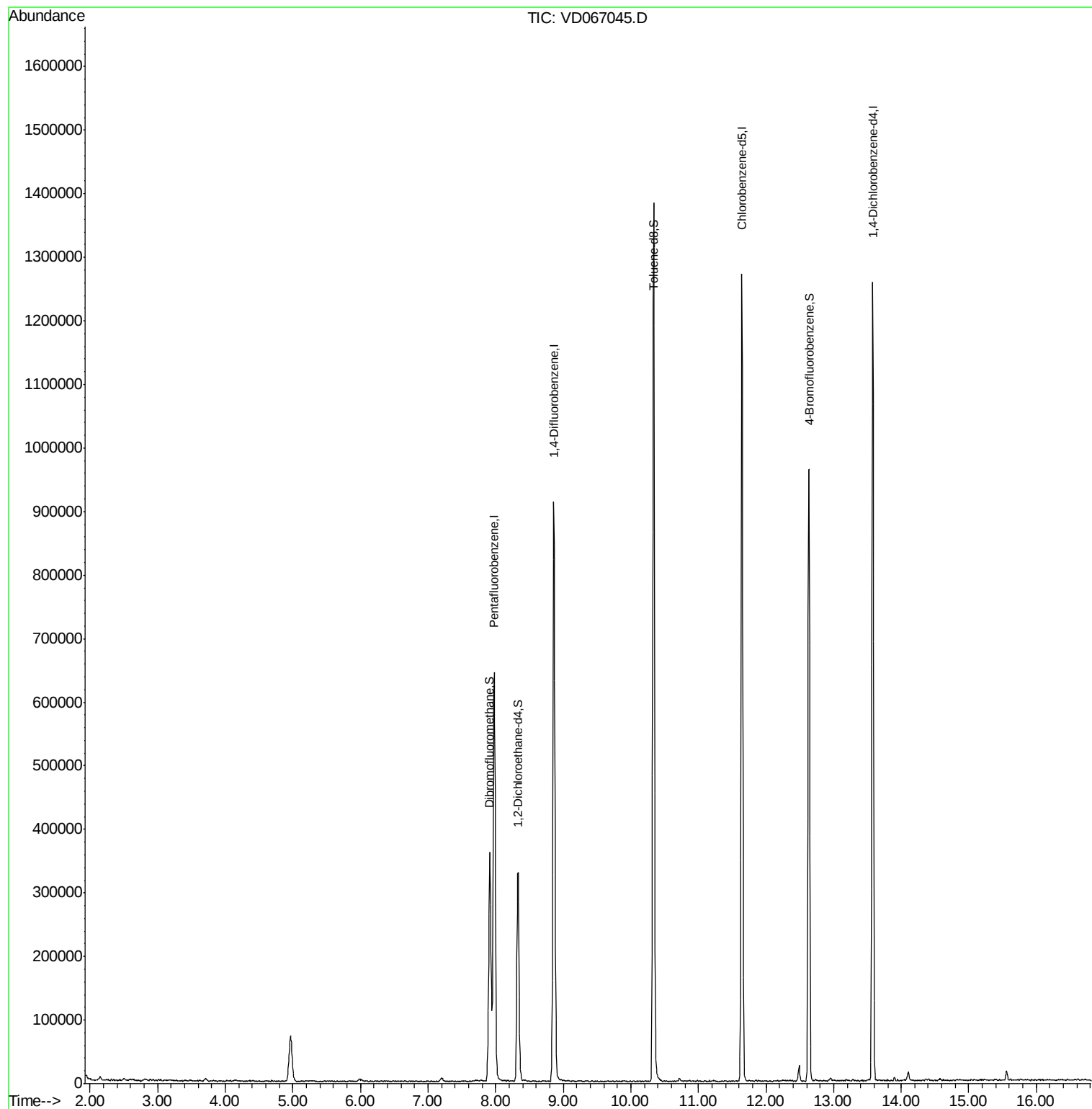
Target Compounds	Qvalue

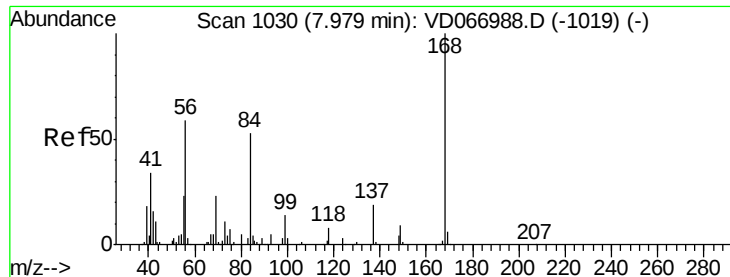
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067045.D

Acq: 02 Oct 2020 19:37

Instrument :

MSVOA_D

ClientSampleId :

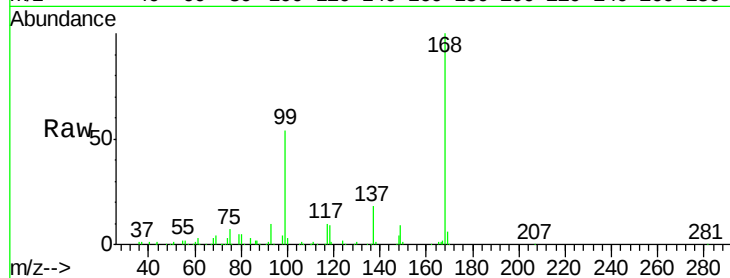
RBR-251609

Tot Ion:168 Resp: 484105

Ion Ratio Lower Upper

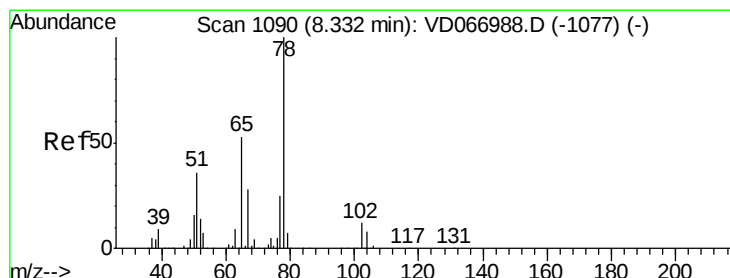
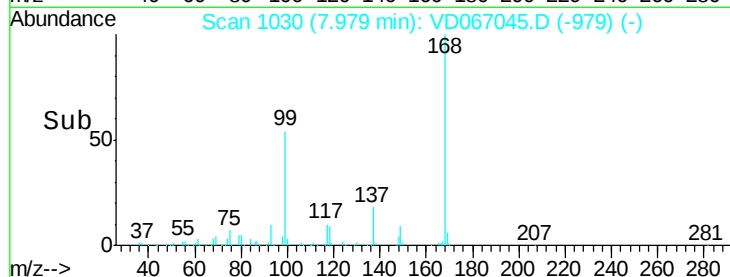
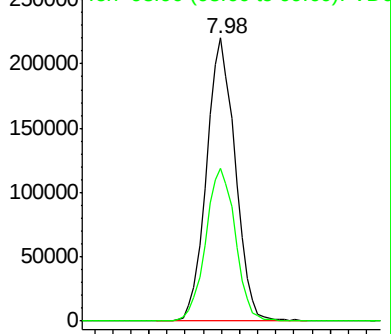
168 100

99 54.0 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: 56.341 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067045.D

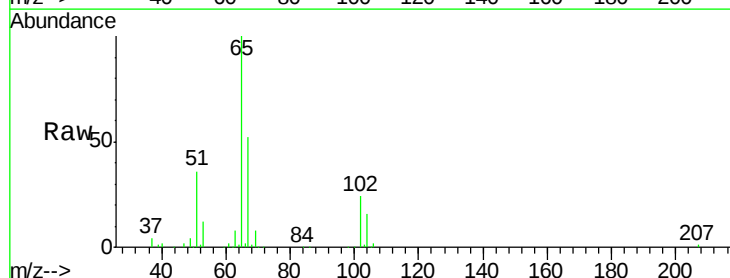
Acq: 02 Oct 2020 19:37

Tgt Ion: 65 Resp: 262709

Ion Ratio Lower Upper

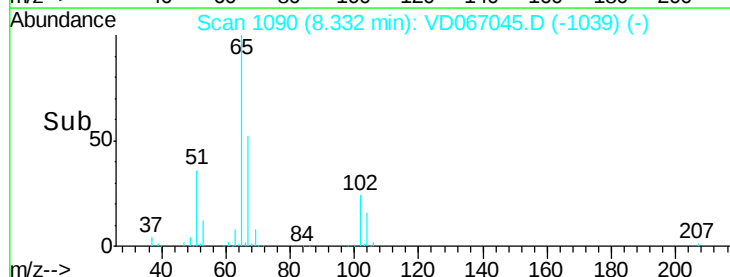
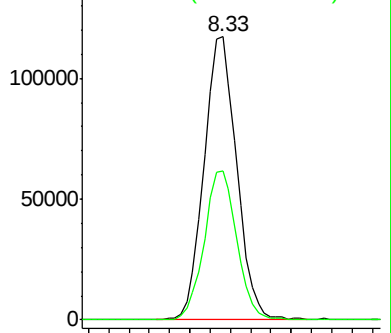
65 100

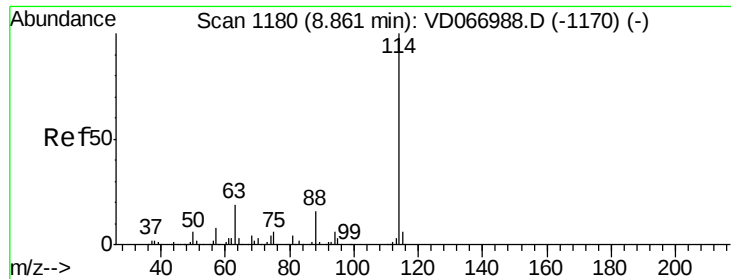
67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

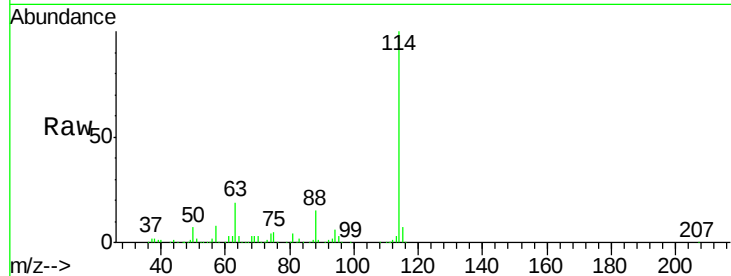




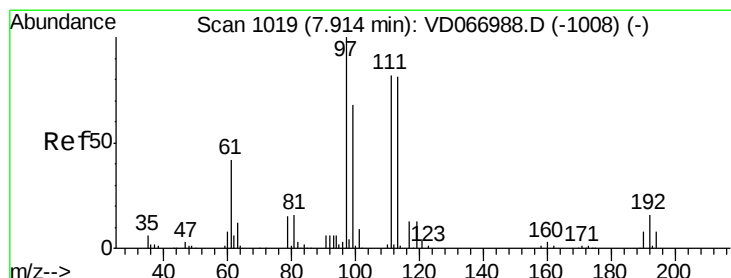
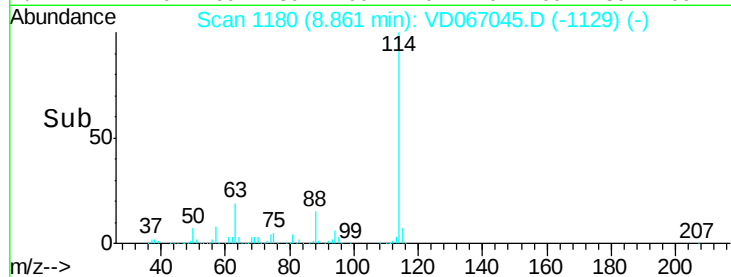
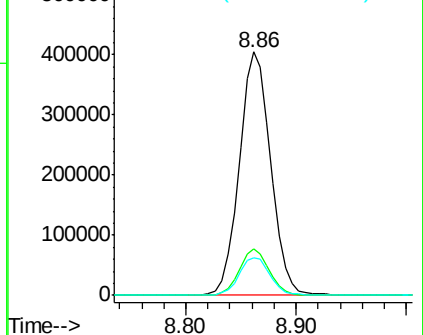
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD067045.D
Acq: 02 Oct 2020 19:37

Instrument :
MSVOA_D
ClientSampleId :
RBR-251609

Tot Ion:114 Resp: 808403
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 15.5 0.0 31.2

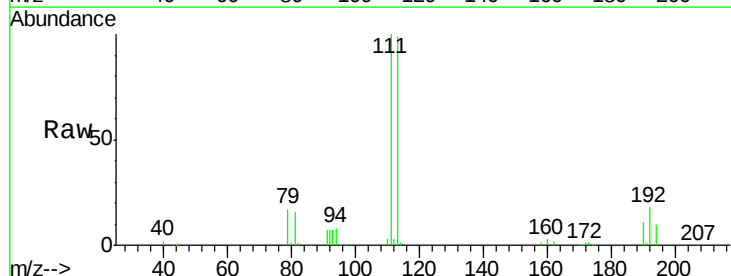


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

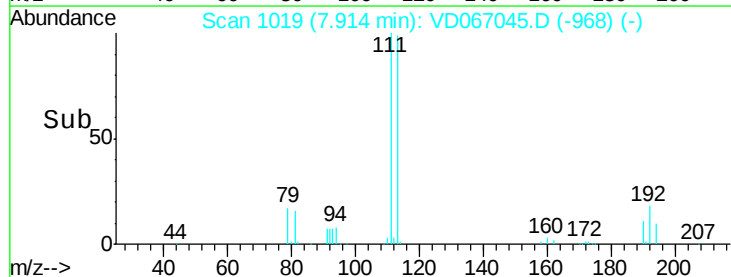
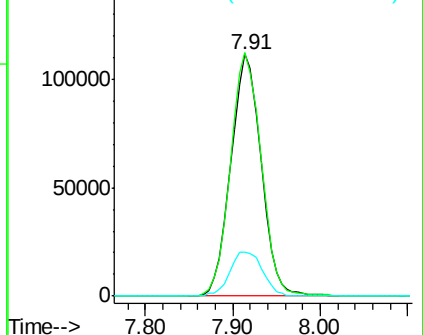


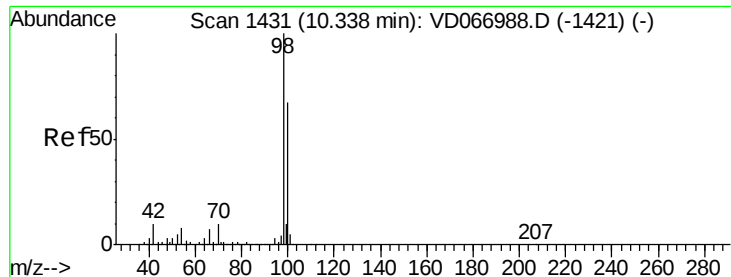
#35
Dibromofluoromethane
Concen: 49.682 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067045.D
Acq: 02 Oct 2020 19:37

Tgt Ion:113 Resp: 262941
Ion Ratio Lower Upper
113 100
111 102.0 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

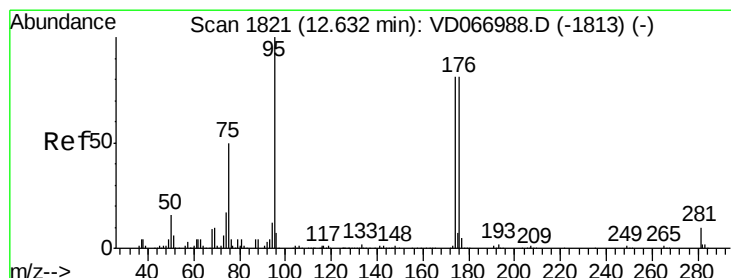
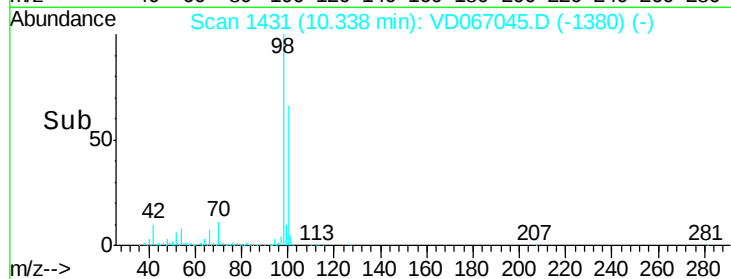
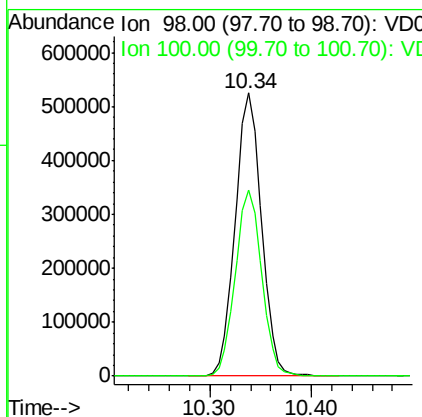
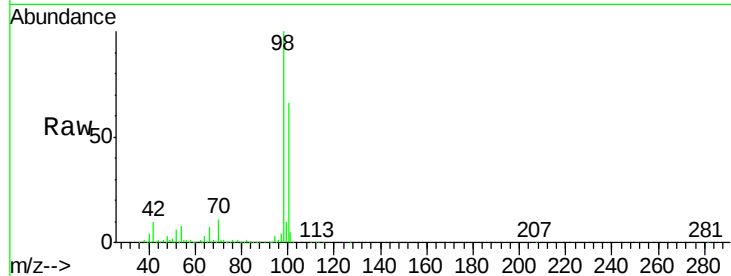




#50
Toluene-d8
Concen: 49.181 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067045.D
Acq: 02 Oct 2020 19:37

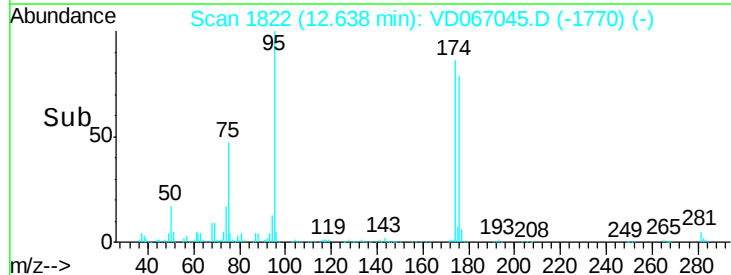
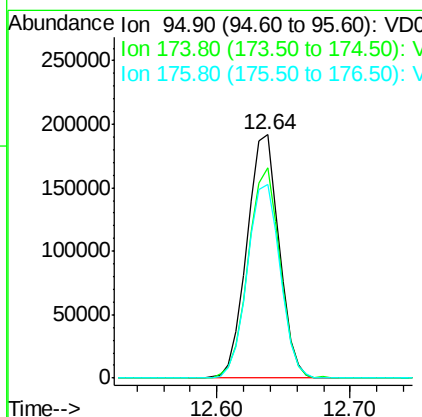
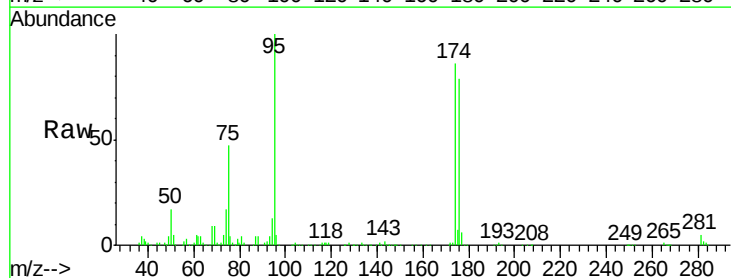
Instrument :
MSVOA_D
ClientSampleId :
RBR-251609

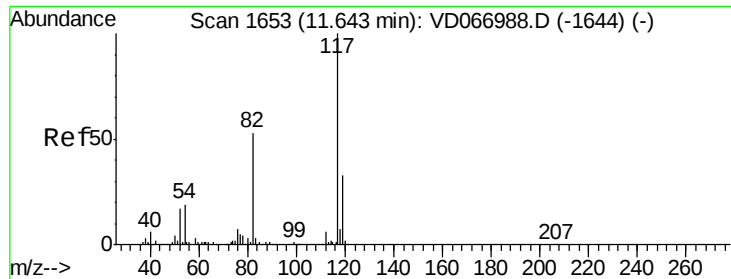
Tot Ion: 98 Resp: 948454
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.600 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067045.D
Acq: 02 Oct 2020 19:37

Tgt Ion: 95 Resp: 318176
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.6
176 81.3 0.0 162.4

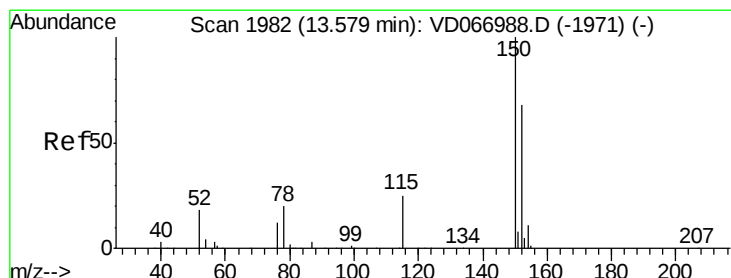
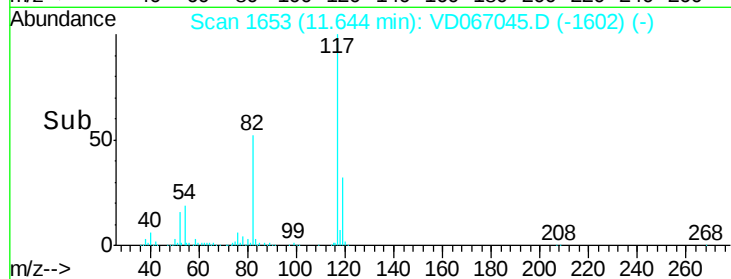
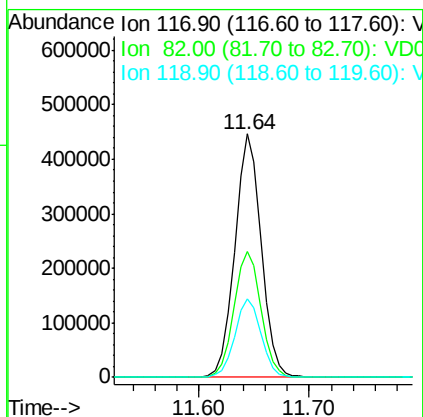
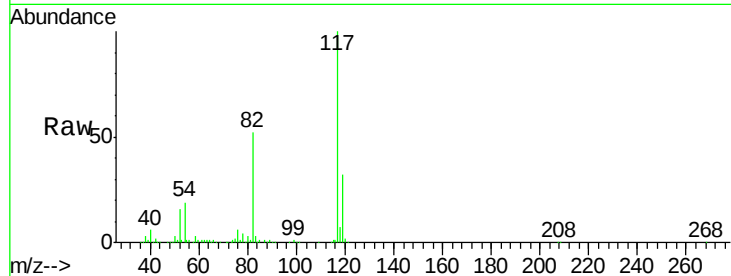




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067045.D
Acq: 02 Oct 2020 19:37

Instrument :
MSVOA_D
ClientSampleId :
RBR-251609

Tot Ion:117 Resp: 748705
Ion Ratio Lower Upper
117 100
82 51.9 42.6 63.8
119 32.3 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: VD067045.D
Acq: 02 Oct 2020 19:37

Tgt Ion:152 Resp: 343530
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 155.2 0.0 344.8

