

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065621.D
 Acq On : 13 Apr 2020 17:15
 Operator : VA/SY
 Sample : L2229-15
 Misc : 6.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-32

Quant Time: Apr 14 04:03:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	445418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	830861	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	793358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	343896	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	249170	59.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	118.30%	
35) Dibromofluoromethane	7.92	113	289957	49.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.90%	
50) Toluene-d8	10.34	98	983650	46.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.82%	
62) 4-Bromofluorobenzene	12.64	95	310743	45.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.24%	

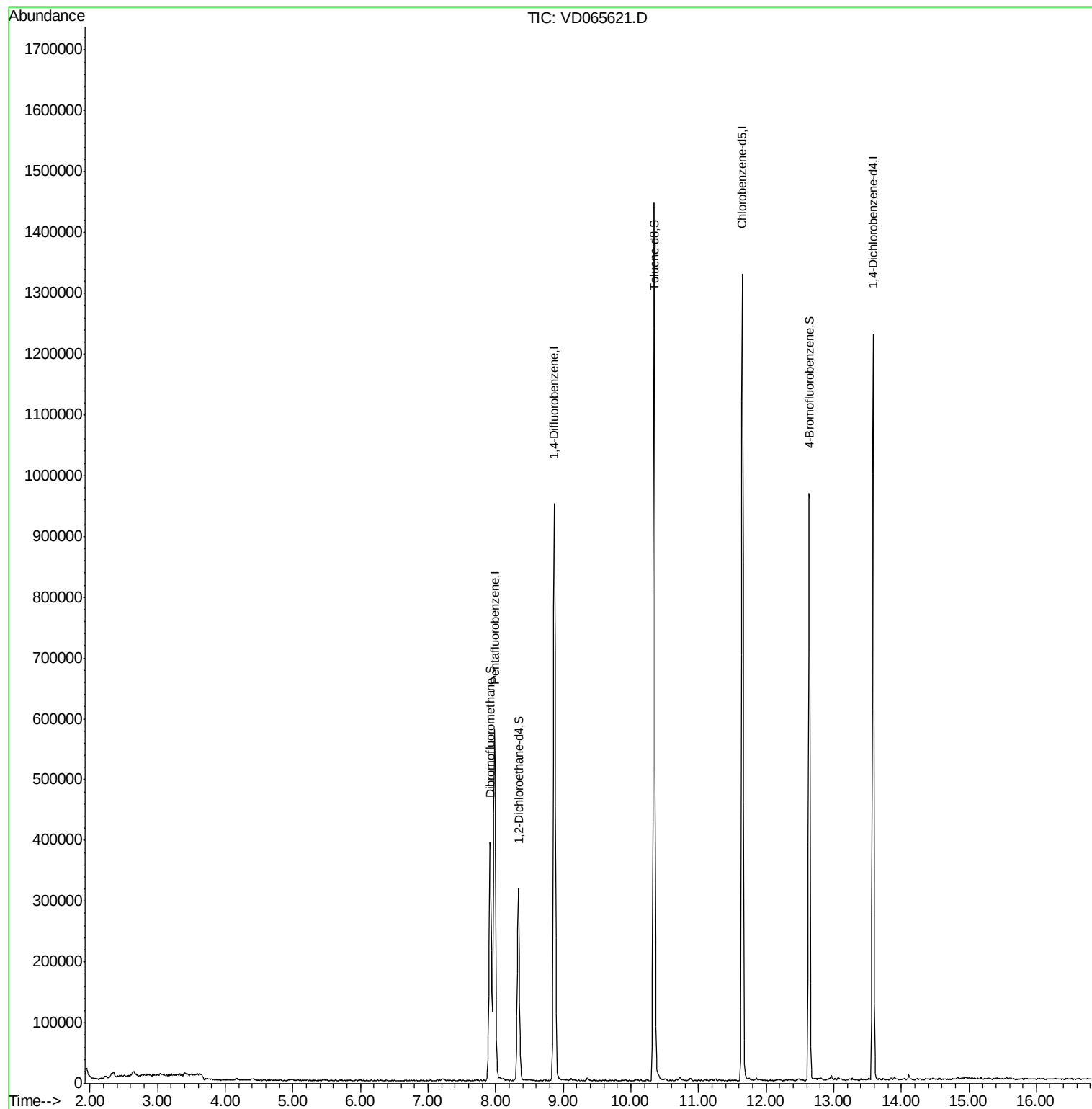
Target Compounds	Qvalue
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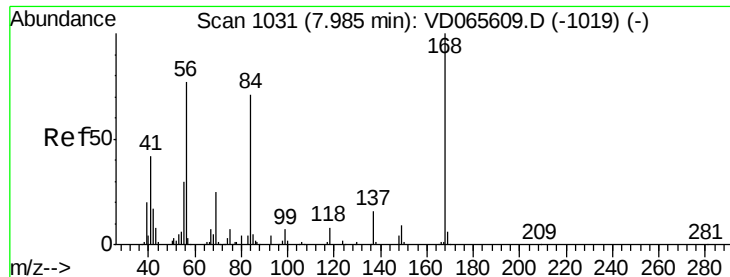
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

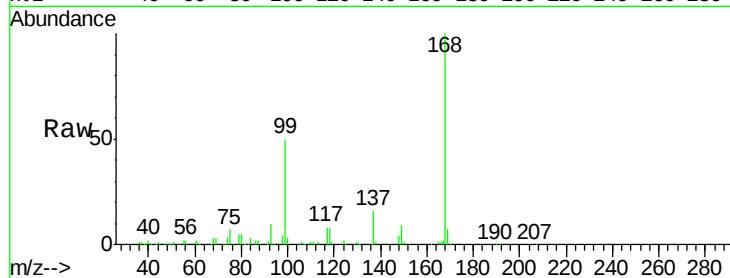
TP-32

Tot Ion:168 Resp: 445418

Ion Ratio Lower Upper

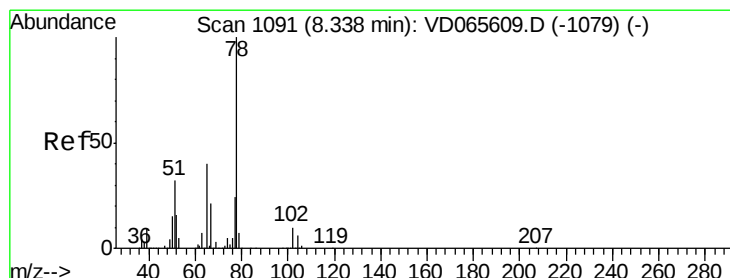
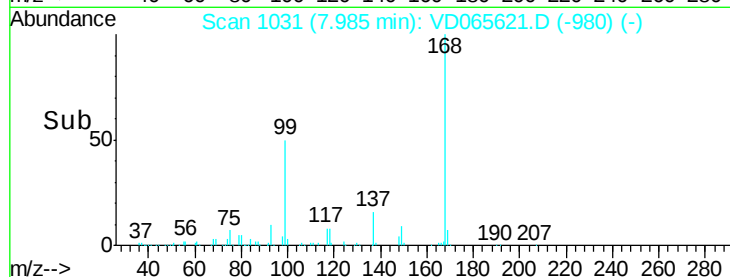
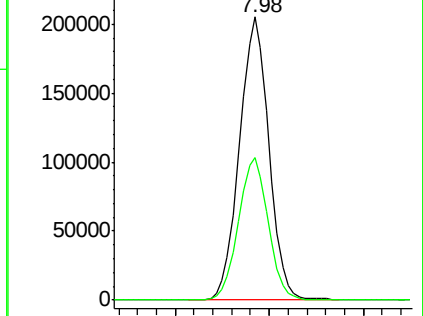
168 100

99 50.4 40.2 60.2



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: 59.149 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065621.D

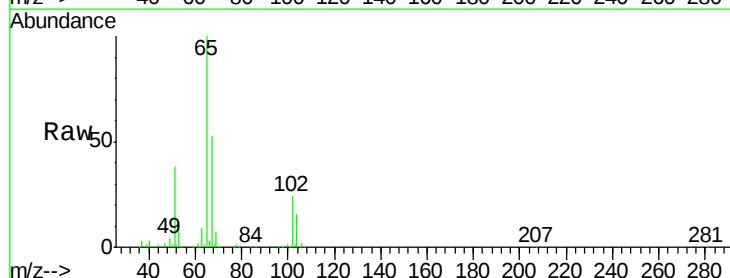
Acq: 13 Apr 2020 17:15

Tgt Ion: 65 Resp: 249170

Ion Ratio Lower Upper

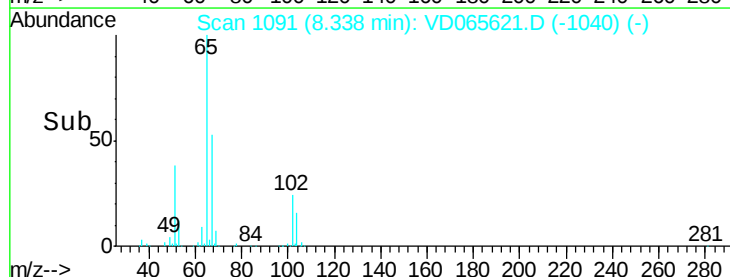
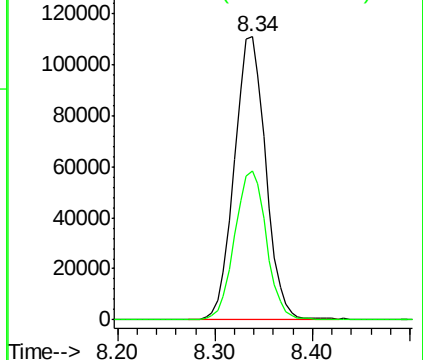
65 100

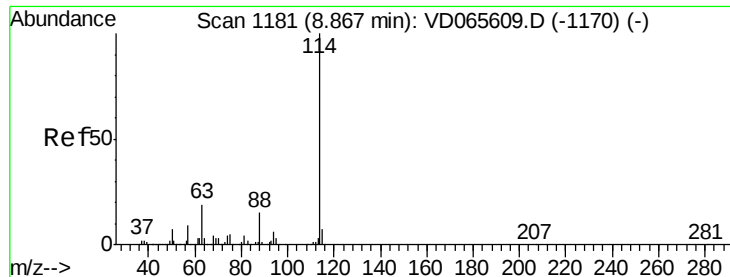
67 53.0 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

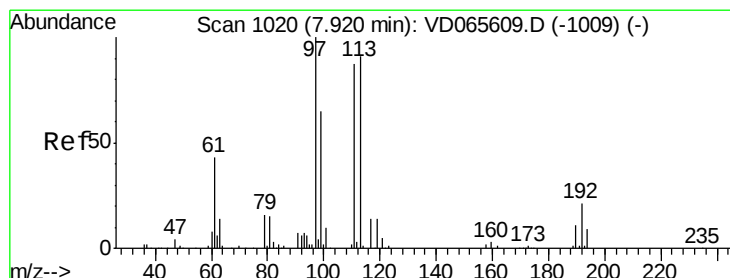
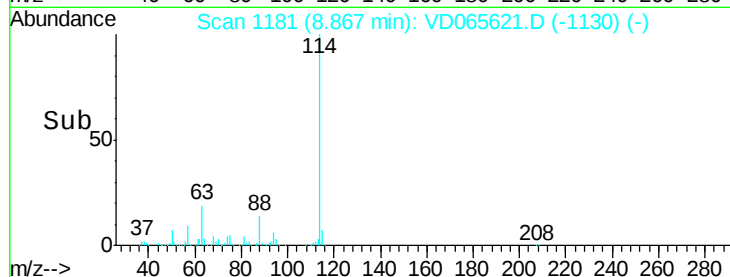
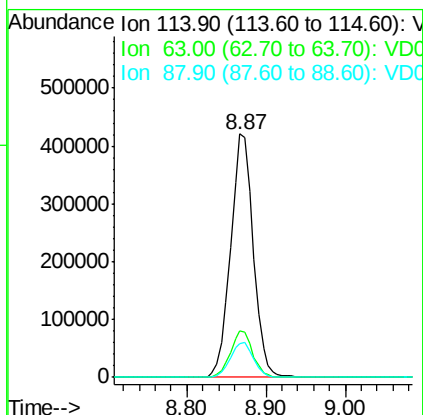
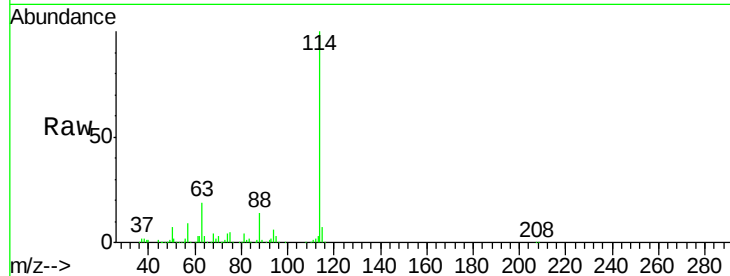




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065621.D
 Acq: 13 Apr 2020 17:15

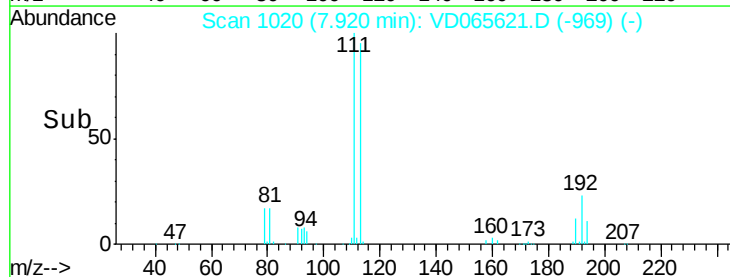
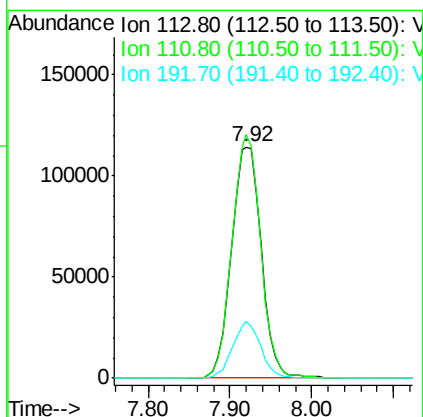
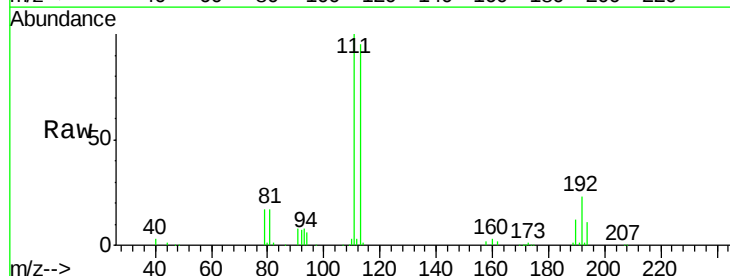
Instrument :
 MSVOA_D
 ClientSampled :
 TP-32

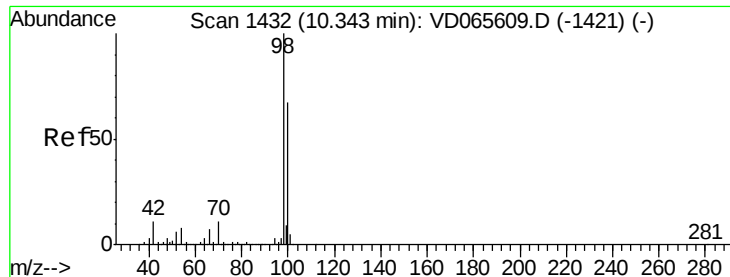
Tot Ion:114 Resp: 830861
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.2
 88 14.1 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 49.953 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065621.D
 Acq: 13 Apr 2020 17:15

Tgt Ion:113 Resp: 289957
 Ion Ratio Lower Upper
 113 100
 111 101.1 80.6 120.8
 192 22.9 18.6 27.8





#50

Toluene-d8

Concen: 46.405 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

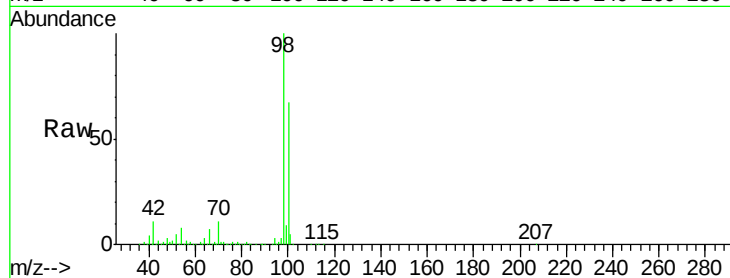
TP-32

Tot Ion: 98 Resp: 983650

Ion Ratio Lower Upper

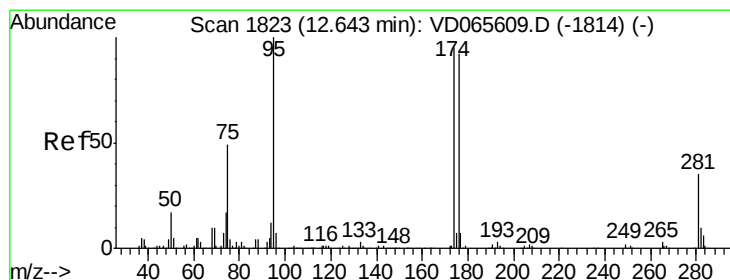
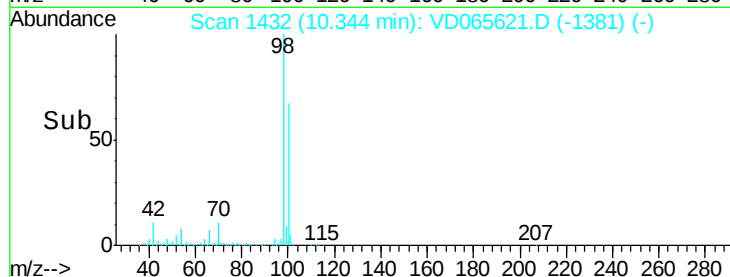
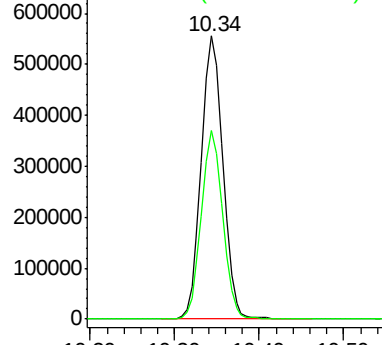
98 100

100 65.5 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 45.621 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.01 min

Lab File: VD065621.D

Acq: 13 Apr 2020 17:15

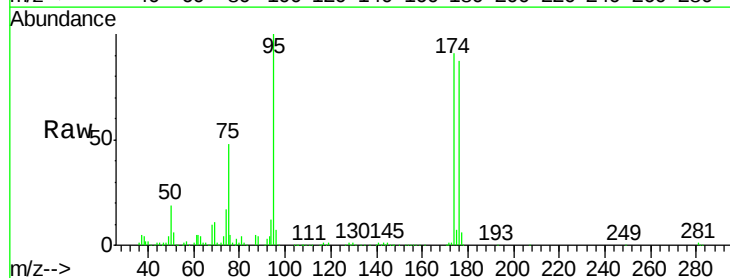
Tgt Ion: 95 Resp: 310743

Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.8

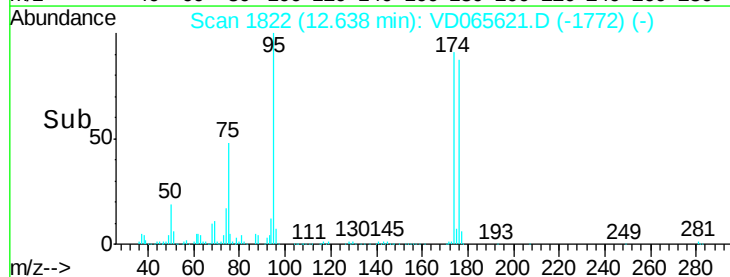
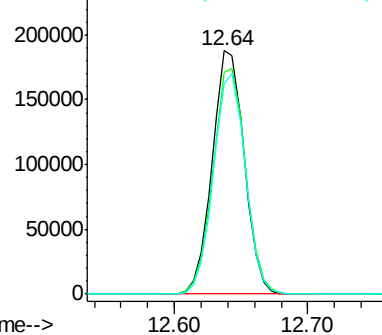
176 90.6 0.0 176.6

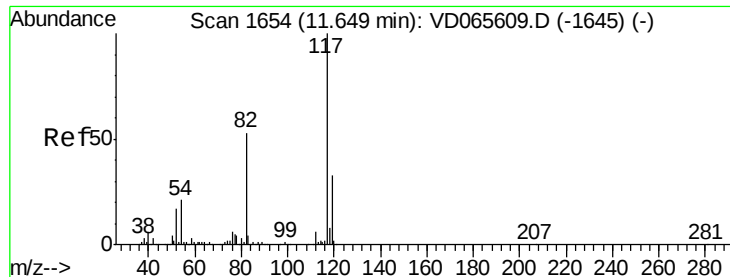


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

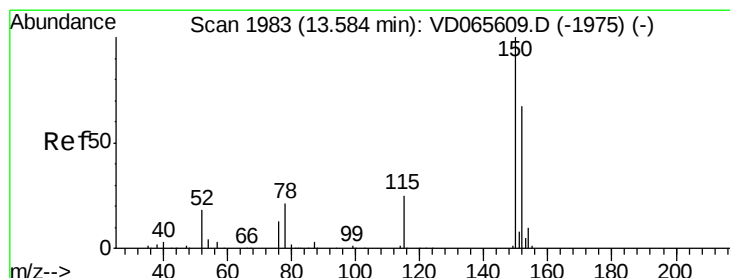
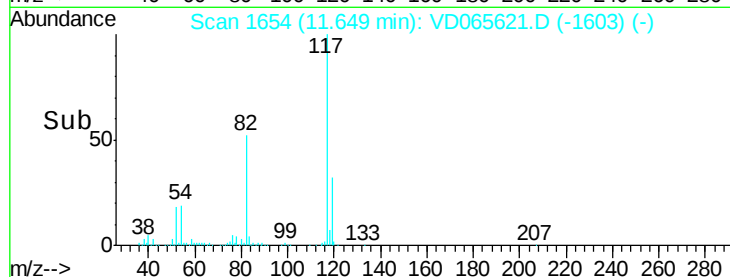
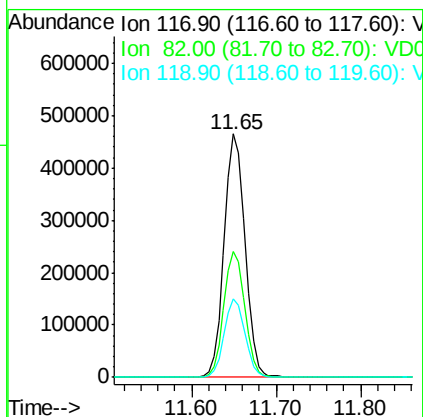
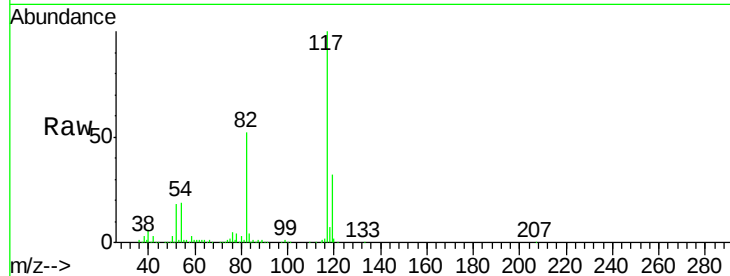




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065621.D
Acq: 13 Apr 2020 17:15

Instrument :
MSVOA_D
ClientSampleId :
TP-32

Tot Ion:117 Resp: 793358
Ion Ratio Lower Upper
117 100
82 51.7 42.6 64.0
119 32.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065621.D
Acq: 13 Apr 2020 17:15

Tgt Ion:152 Resp: 343896
Ion Ratio Lower Upper
152 100
115 54.0 27.1 81.2
150 156.1 0.0 348.2

