

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100920\
 Data File : VD067216.D
 Acq On : 09 Oct 2020 17:17
 Operator : VA/SY
 Sample : L4316-03
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 26414

Quant Time: Oct 10 00:51:08 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	461168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	759936	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	682905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271759	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	219406	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
35) Dibromofluoromethane	7.92	113	242783	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.34	98	878322	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.64	95	284627	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

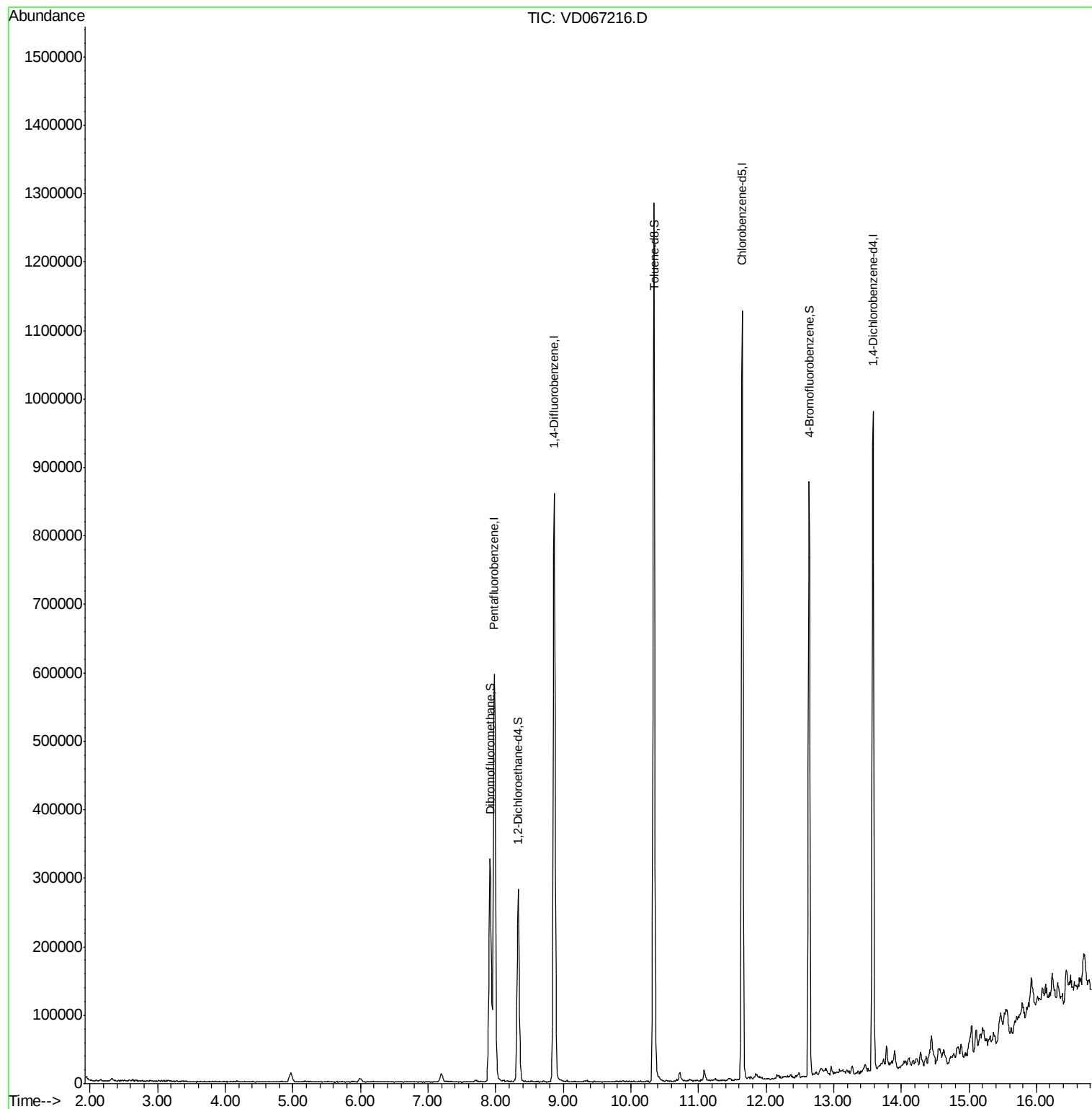
Target Compounds	Qvalue

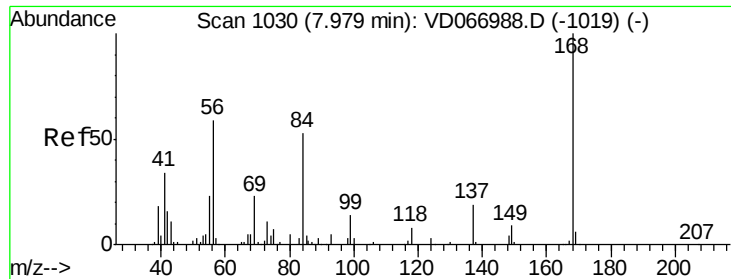
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067216.D

Acq: 09 Oct 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

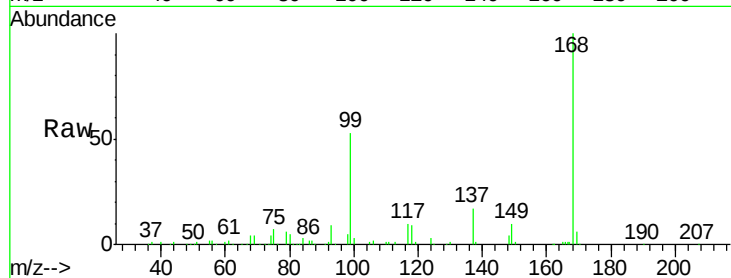
26414

Tot Ion:168 Resp: 461168

Ion Ratio Lower Upper

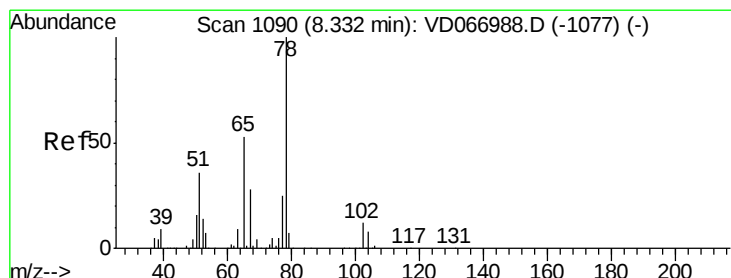
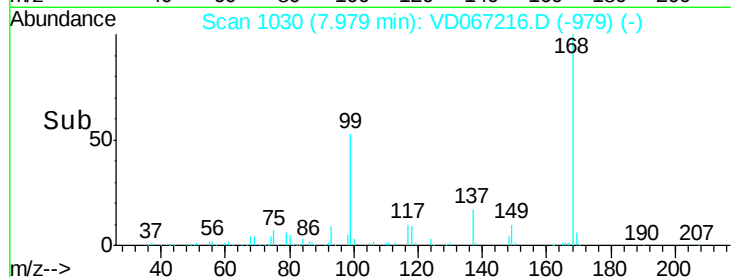
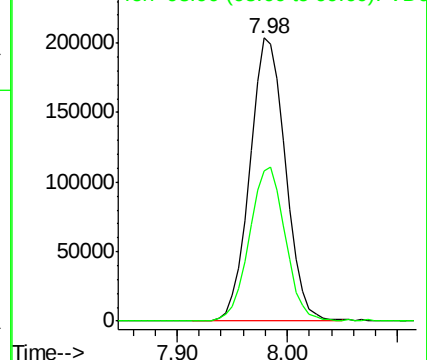
168 100

99 53.3 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: 49.394 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067216.D

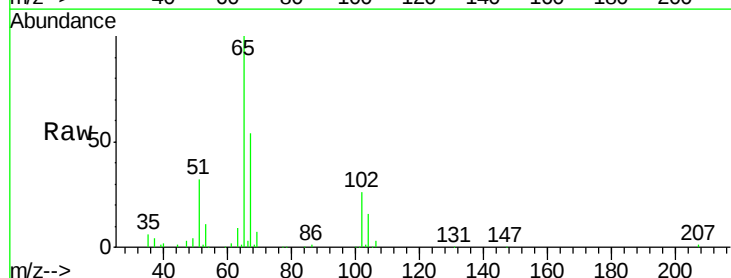
Acq: 09 Oct 2020 17:17

Tgt Ion: 65 Resp: 219406

Ion Ratio Lower Upper

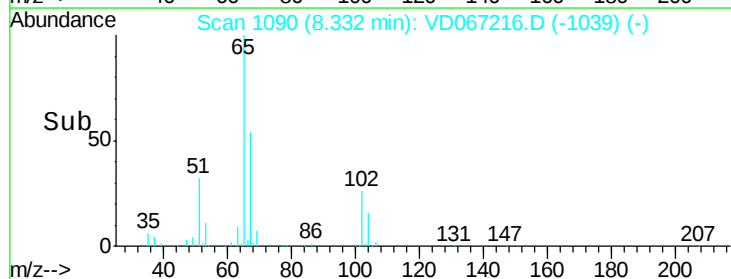
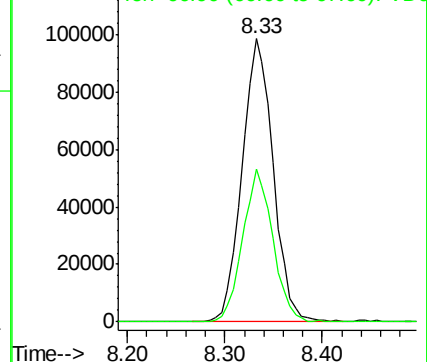
65 100

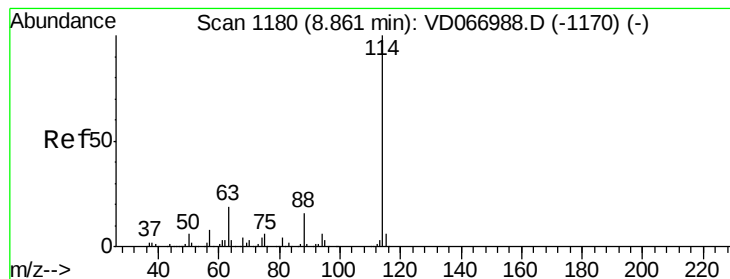
67 52.2 0.0 106.8



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: 8.87 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VD067216.D

Acq: 09 Oct 2020 17:17

Instrument :

MSVOA_D

ClientSampleId :

26414

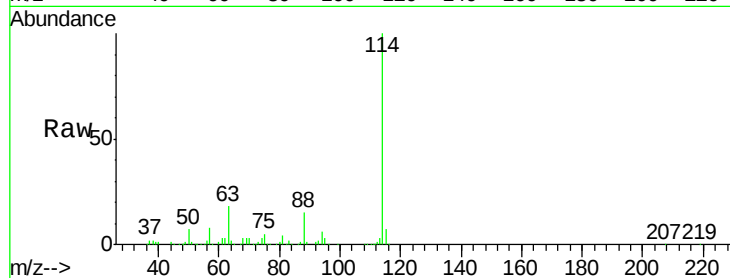
Tot Ion:114 Resp: 759936

Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

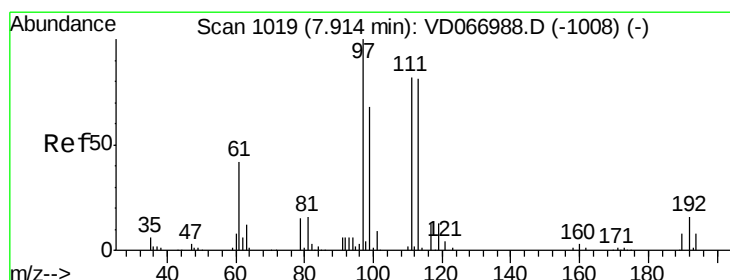
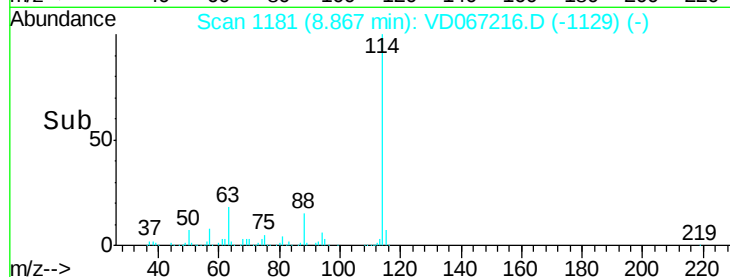
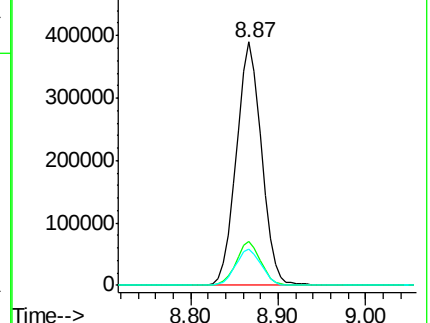
88 14.7 0.0 31.2



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: 48.799 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067216.D

Acq: 09 Oct 2020 17:17

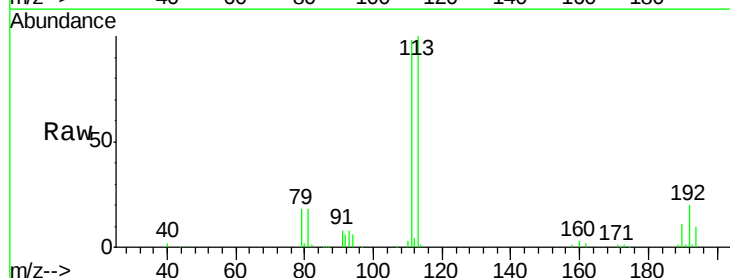
Tgt Ion:113 Resp: 242783

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

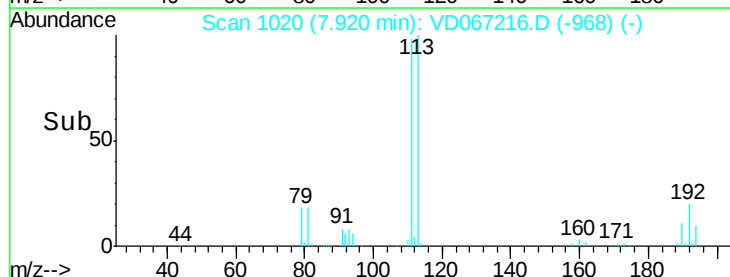
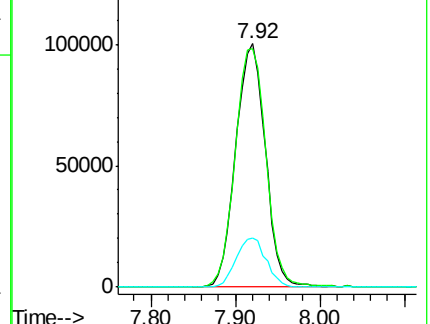
192 20.5 15.5 23.3

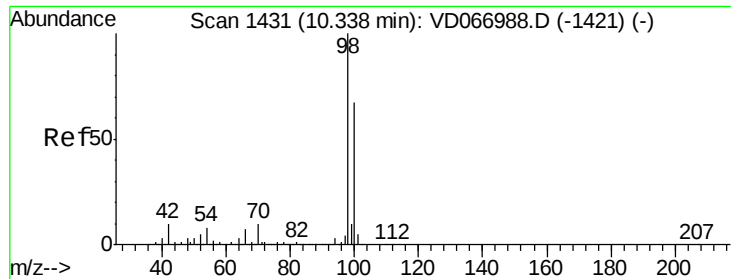


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.449 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD067216.D

Acq: 09 Oct 2020 17:17

Instrument :

MSVOA_D

ClientSampled :

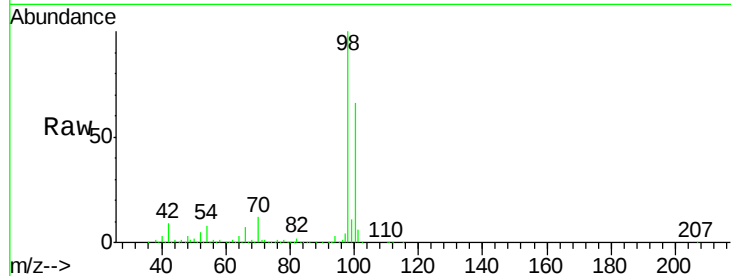
26414

Tot Ion: 98 Resp: 878322

Ion Ratio Lower Upper

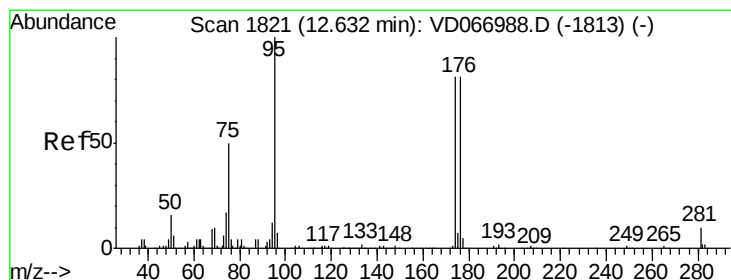
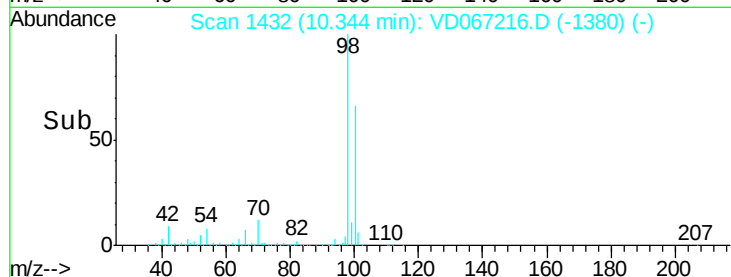
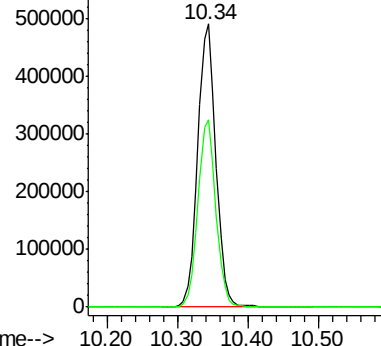
98 100

100 65.4 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 46.248 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067216.D

Acq: 09 Oct 2020 17:17

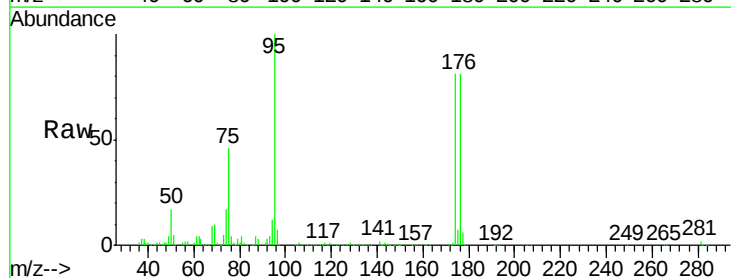
Tgt Ion: 95 Resp: 284627

Ion Ratio Lower Upper

95 100

174 84.6 0.0 167.6

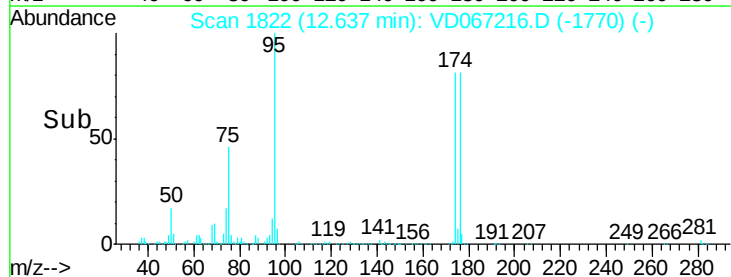
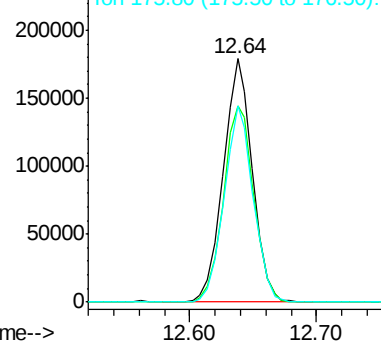
176 80.8 0.0 162.4

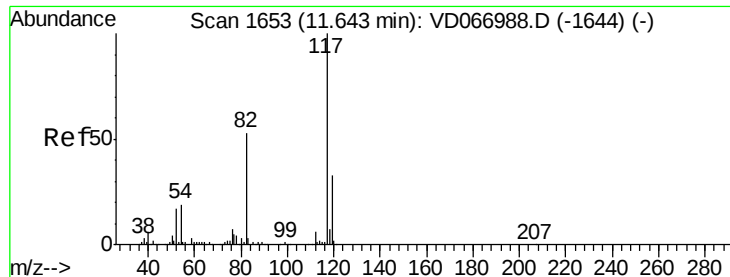


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

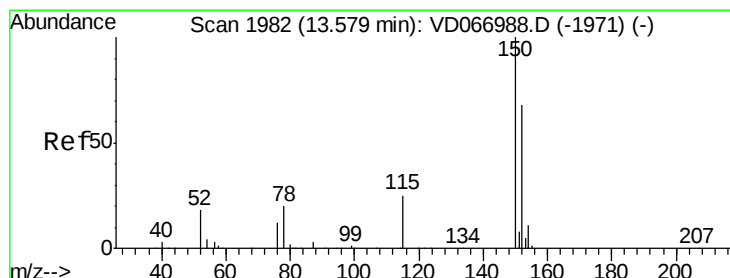
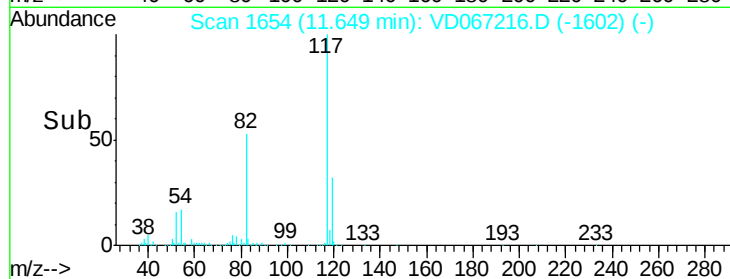
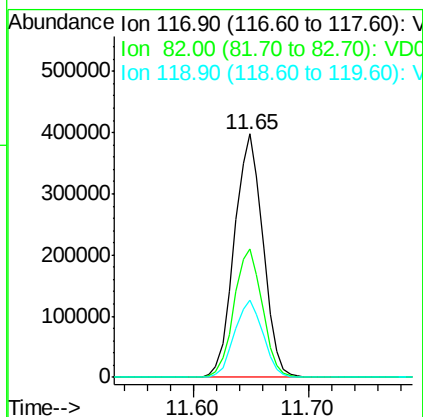
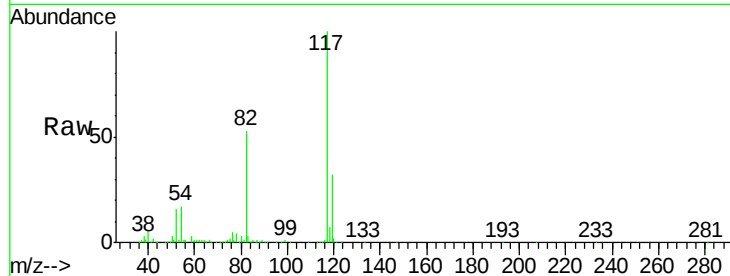




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067216.D
Acq: 09 Oct 2020 17:17

Instrument :
MSVOA_D
ClientSampleId :
26414

Tot Ion:117 Resp: 682905
Ion Ratio Lower Upper
117 100
82 52.5 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# 1983
Delta R.T. 0.01 min
Lab File: VD067216.D
Acq: 09 Oct 2020 17:17

Tgt Ion:152 Resp: 271759
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 157.3 0.0 344.8

