

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067329.D
 Acq On : 20 Oct 2020 17:35
 Operator : VA/SY
 Sample : L4436-09
 Misc : 10.78G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 36B

Quant Time: Oct 21 02:47:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	28133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	43884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	48260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	22353	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	22515	79.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.76%	
35) Dibromofluoromethane	7.92	113	17003	58.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.44%	
50) Toluene-d8	10.34	98	55512	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.63	95	17855	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

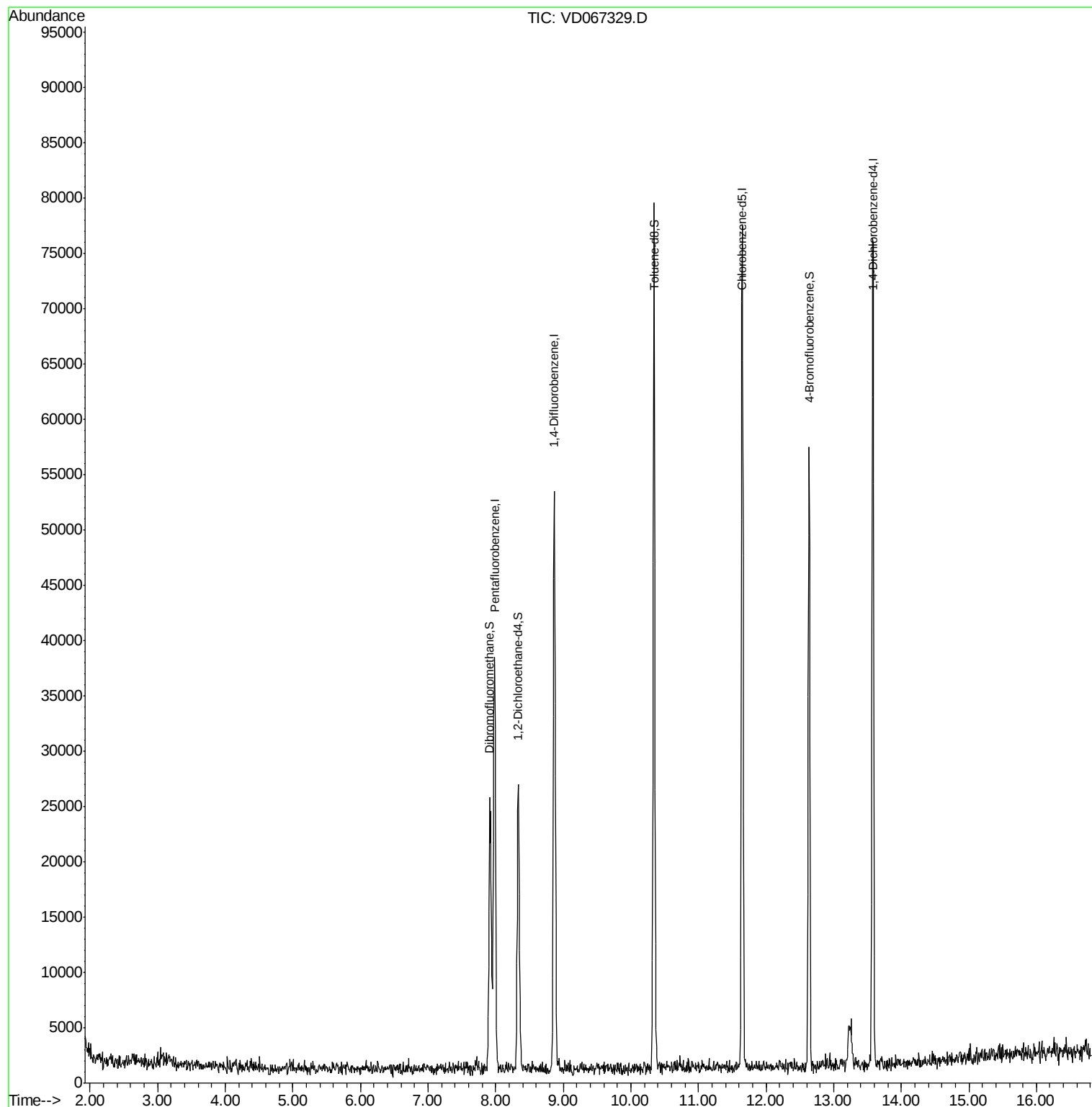
Target Compounds	Qvalue

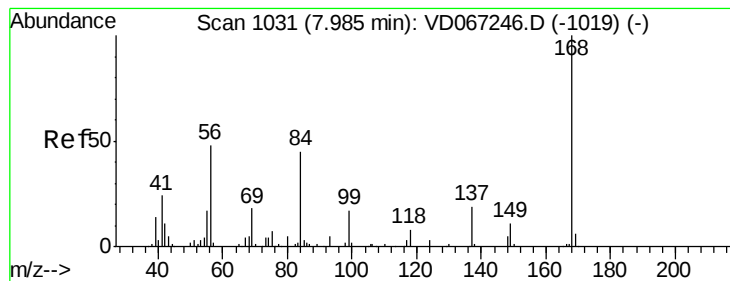
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067329.D

Acq: 20 Oct 2020 17:35

Instrument :

MSVOA_D

ClientSampled :

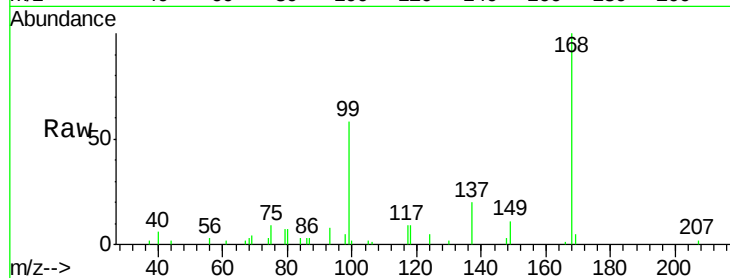
36B

Tot Ion:168 Resp: 28133

Ion Ratio Lower Upper

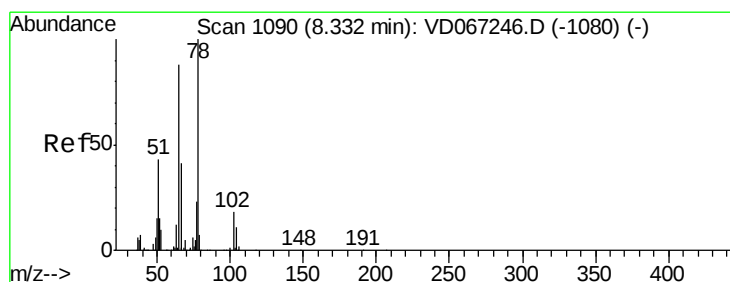
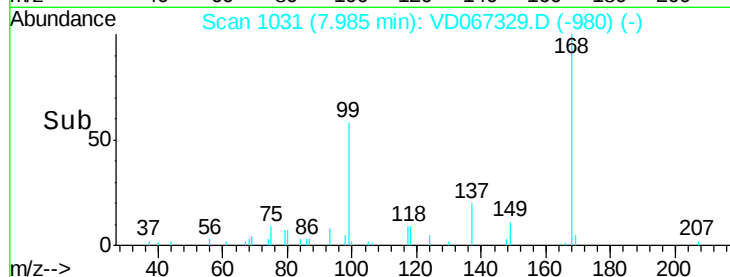
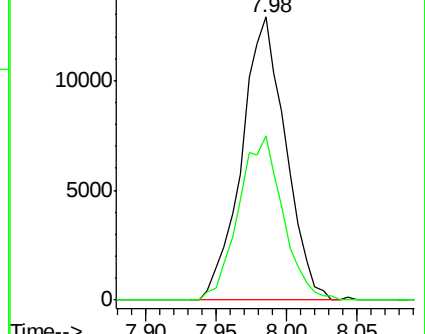
168 100

99 57.9 45.9 68.9



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: 79.883 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067329.D

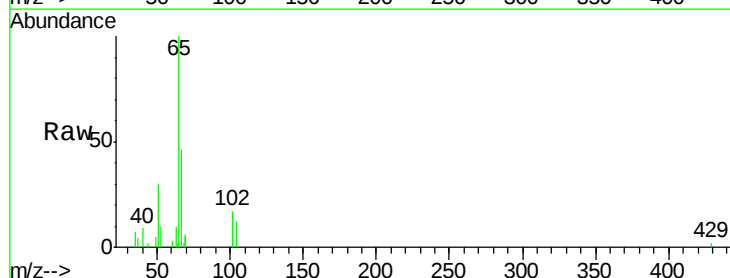
Acq: 20 Oct 2020 17:35

Tgt Ion: 65 Resp: 22515

Ion Ratio Lower Upper

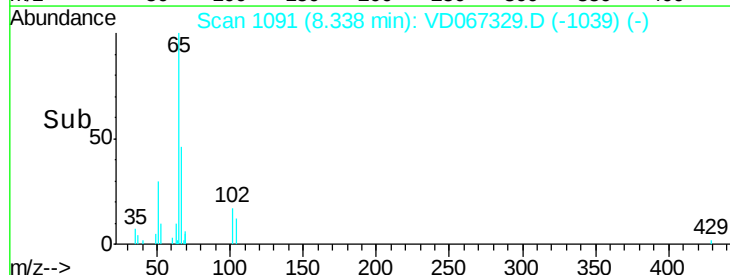
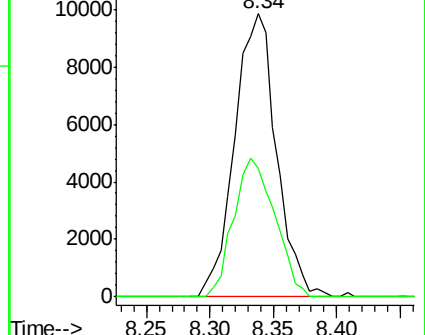
65 100

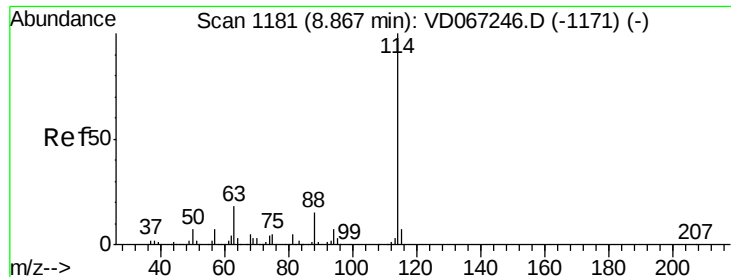
67 48.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

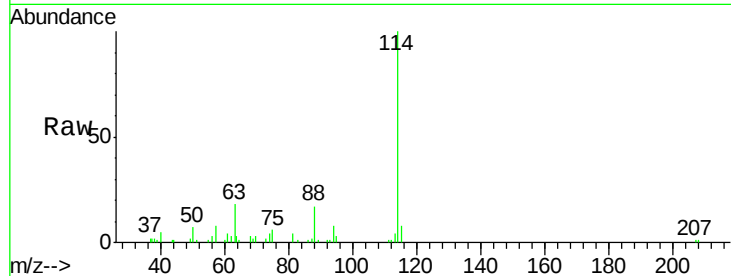




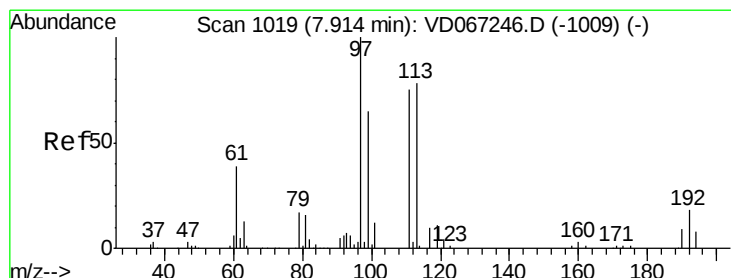
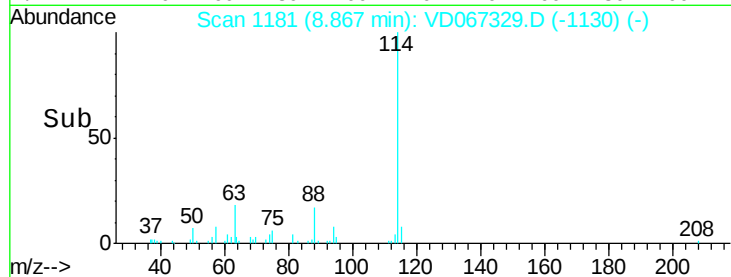
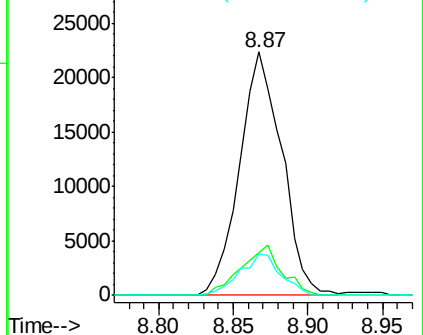
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067329.D
 Acq: 20 Oct 2020 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 36B

Tot Ion:114 Resp: 43884
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 17.1 0.0 30.6

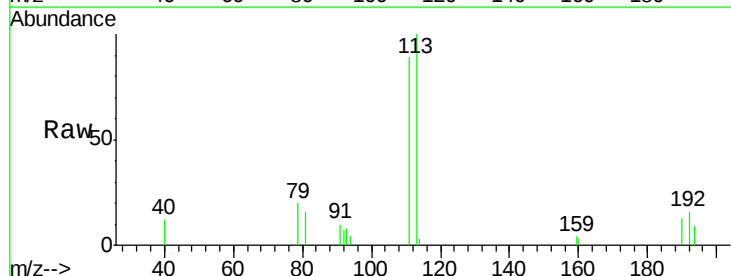


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

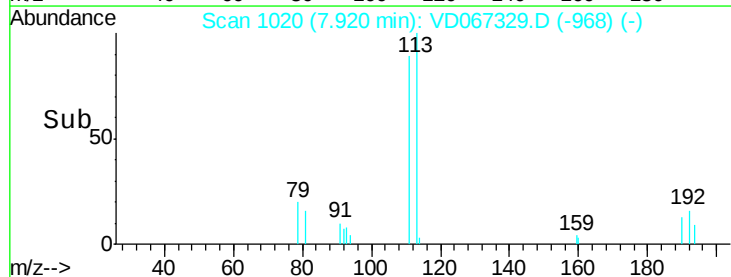
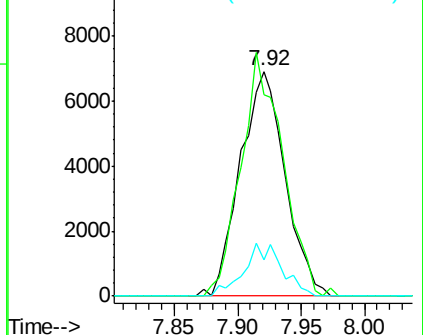


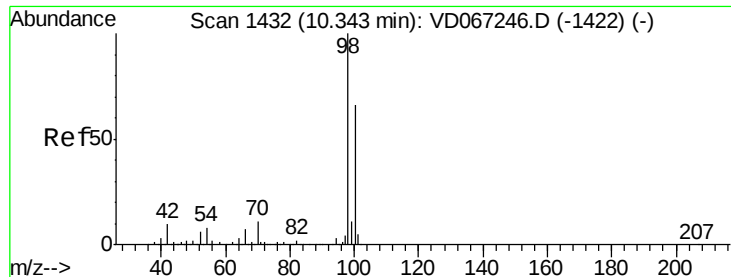
#35
 Dibromofluoromethane
 Concen: 58.220 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067329.D
 Acq: 20 Oct 2020 17:35

Tgt Ion:113 Resp: 17003
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.6 122.4
 192 19.6 17.0 25.4



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

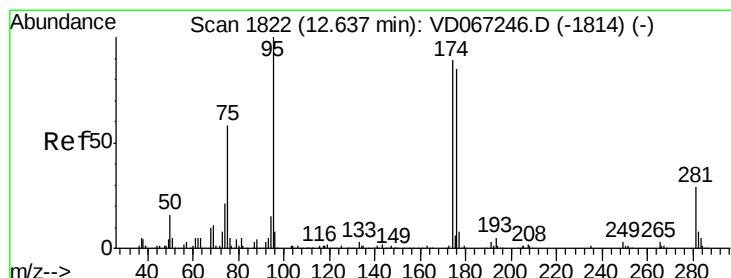
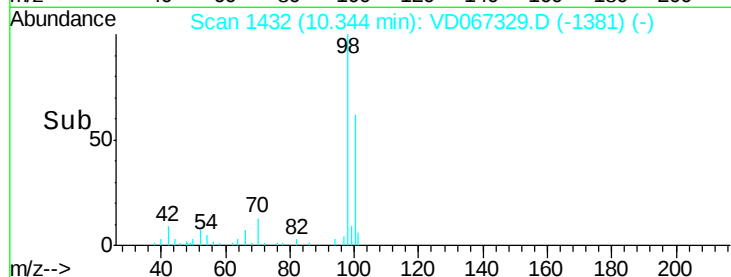
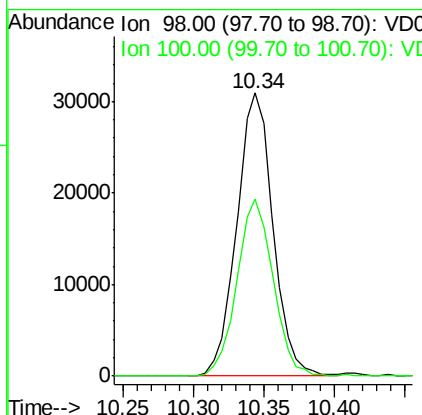
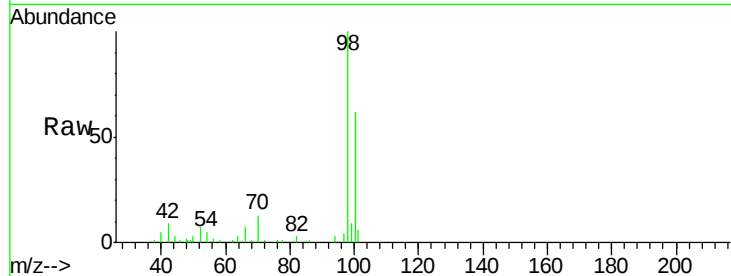




#50
Toluene-d8
Concen: 52.523 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067329.D
Acq: 20 Oct 2020 17:35

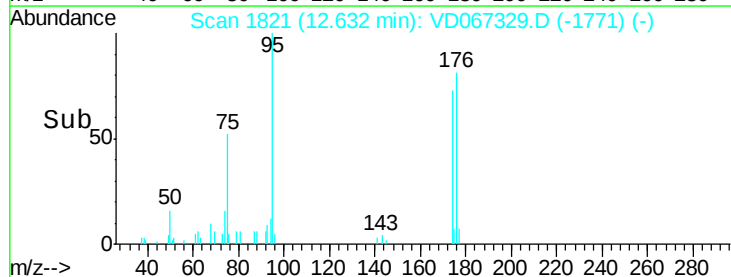
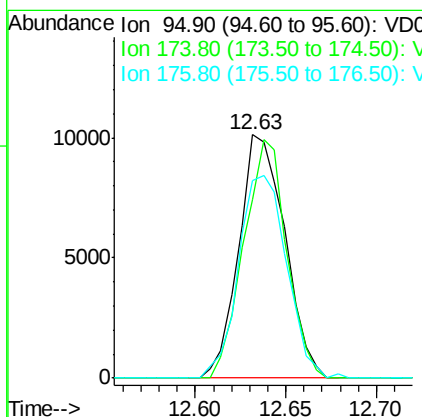
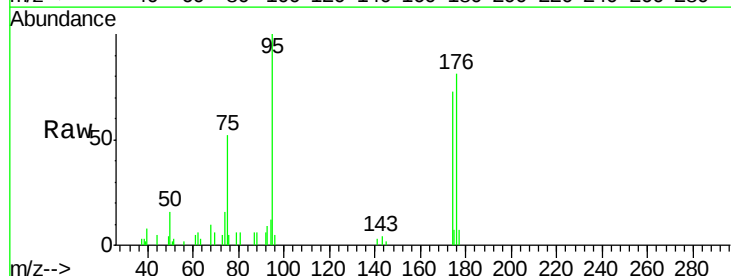
Instrument :
MSVOA_D
ClientSampleId :
36B

Tot Ion: 98 Resp: 55512
Ion Ratio Lower Upper
98 100
100 62.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.584 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD067329.D
Acq: 20 Oct 2020 17:35

Tgt Ion: 95 Resp: 17855
Ion Ratio Lower Upper
95 100
174 91.2 0.0 175.2
176 87.2 0.0 168.6

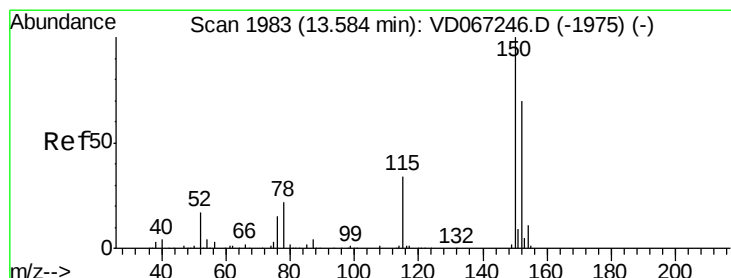
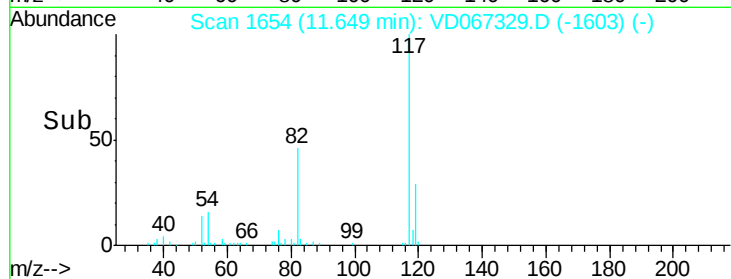
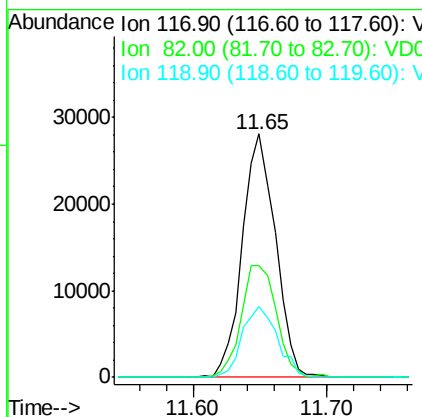
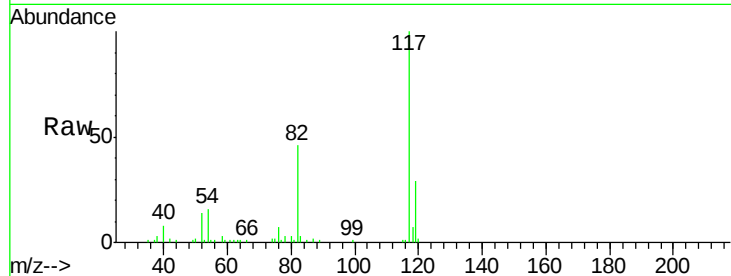




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067329.D
Acq: 20 Oct 2020 17:35

Instrument :
MSVOA_D
ClientSampleId :
36B

Tot Ion:117 Resp: 48260
Ion Ratio Lower Upper
117 100
82 45.6 39.9 59.9
119 29.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067329.D
Acq: 20 Oct 2020 17:35

Tgt Ion:152 Resp: 22353
Ion Ratio Lower Upper
152 100
115 56.0 29.3 87.9
150 149.3 0.0 339.0

