

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067323.D
 Acq On : 20 Oct 2020 14:50
 Operator : VA/SY
 Sample : L4436-05
 Misc : 10.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 34B

Quant Time: Oct 21 02:34:59 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	16840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	26614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	26406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	12604	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	12432	73.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.38%	
35) Dibromofluoromethane	7.91	113	8809	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.34	98	29658	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
62) 4-Bromofluorobenzene	12.64	95	10263	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	

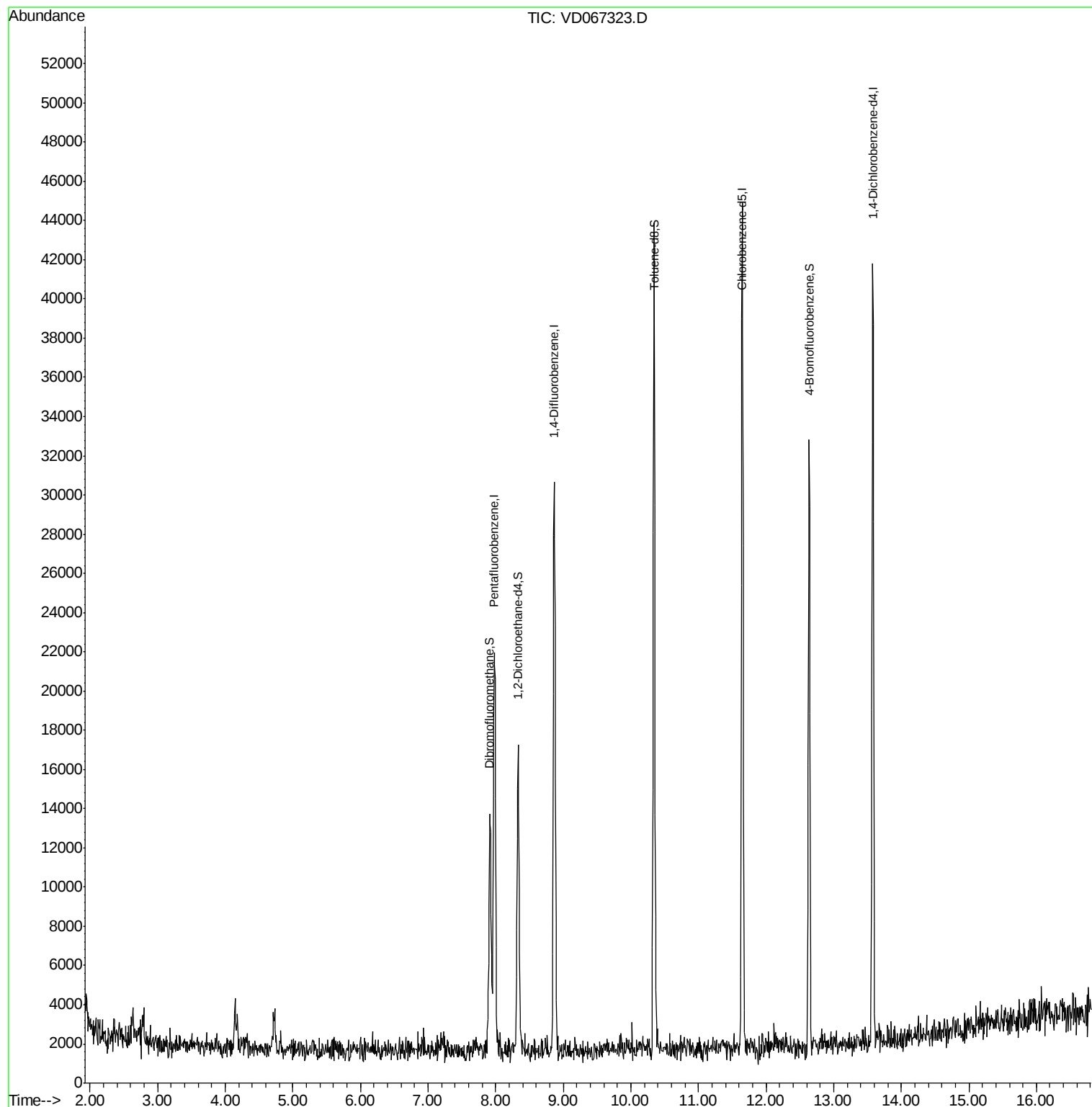
Target Compounds	Qvalue
------------------	--------

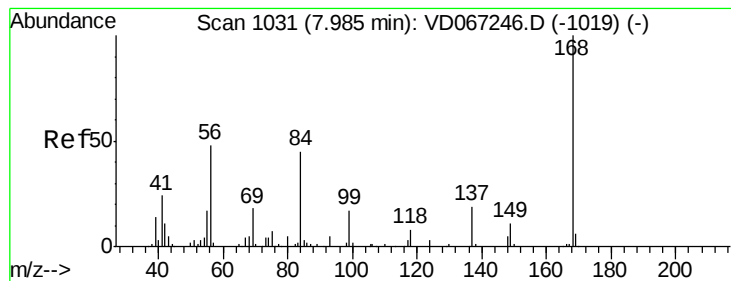
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102020\
Data File : VD067323.D
Acq On : 20 Oct 2020 14:50
Operator : VA/SY
Sample : L4436-05
Misc : 10.73G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
34B

Quant Time: Oct 21 02:34:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067323.D

Acq: 20 Oct 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

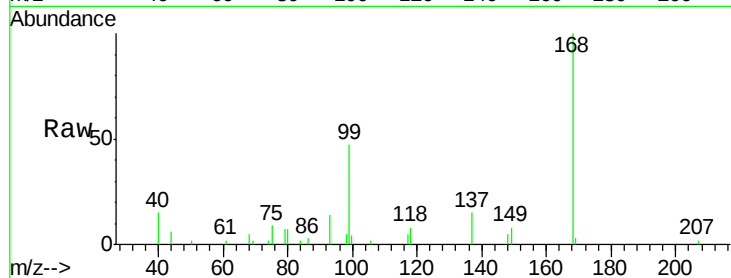
34B

Tot Ion:168 Resp: 16840

Ion Ratio Lower Upper

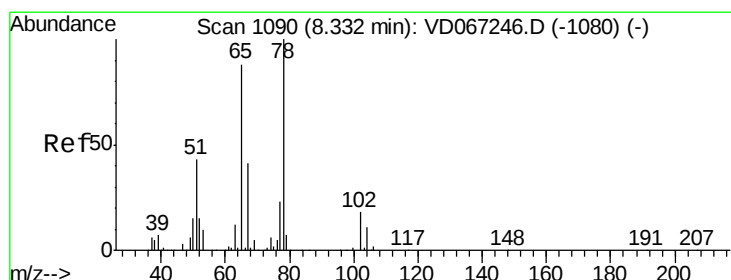
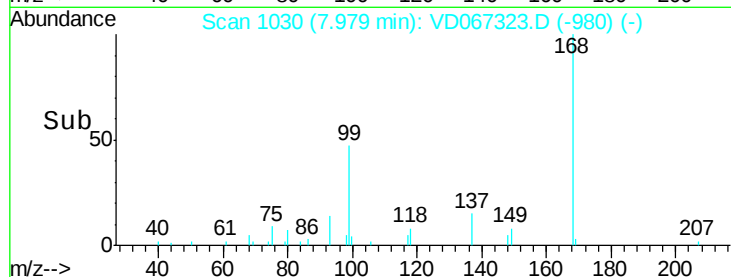
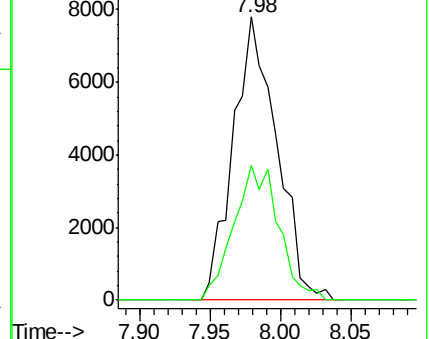
168 100

99 47.4 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: 73.688 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067323.D

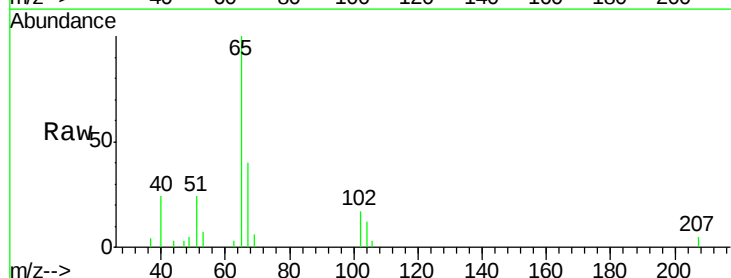
Acq: 20 Oct 2020 14:50

Tgt Ion: 65 Resp: 12432

Ion Ratio Lower Upper

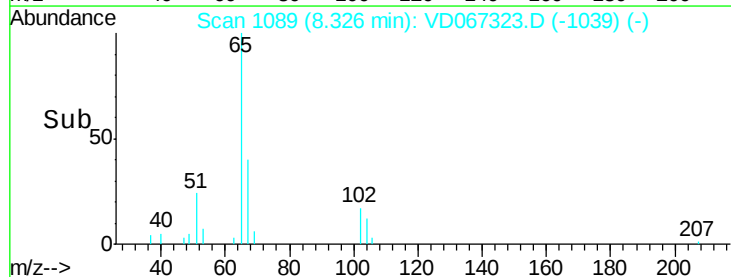
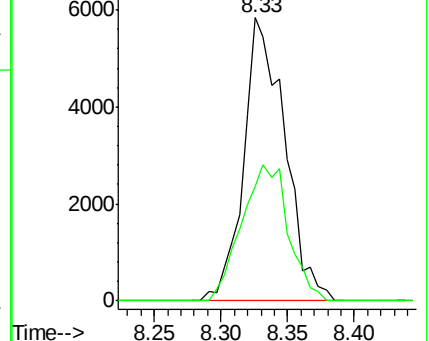
65 100

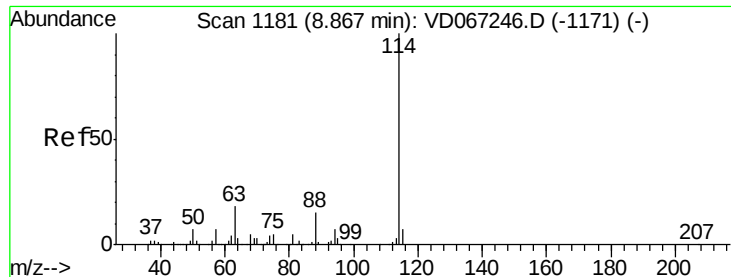
67 54.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

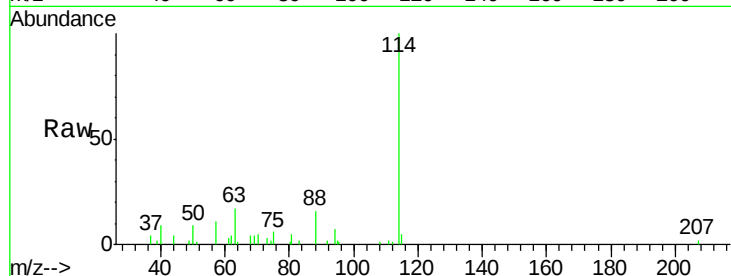




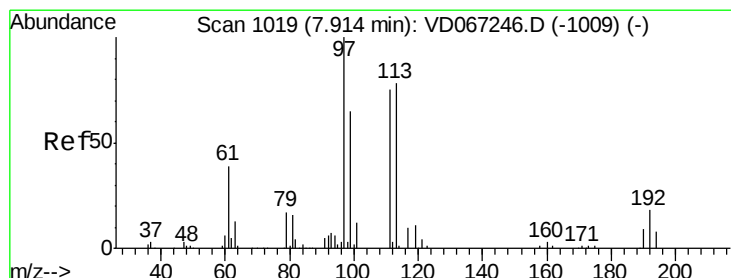
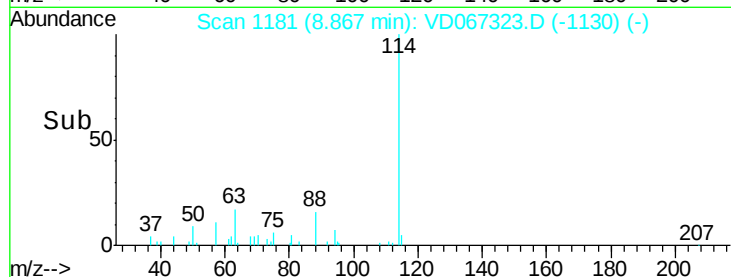
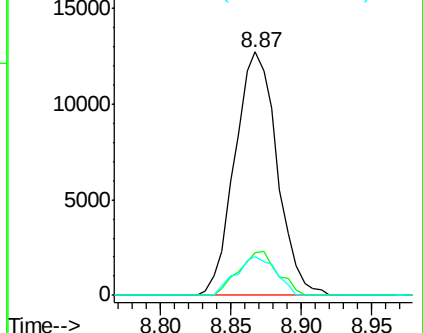
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067323.D
 Acq: 20 Oct 2020 14:50

Instrument :
 MSVOA_D
 ClientSampleId :
 34B

Tot Ion:114 Resp: 26614
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.0
 88 16.2 0.0 30.6

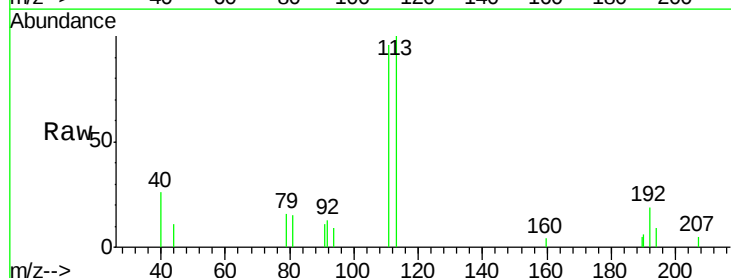


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

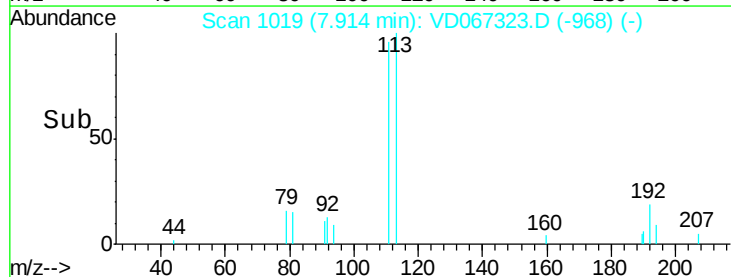
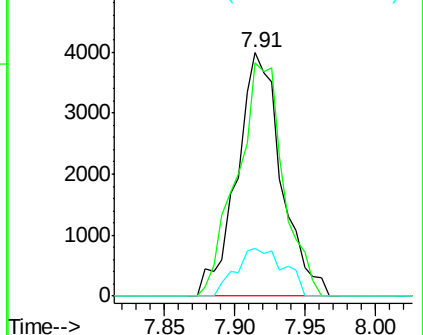


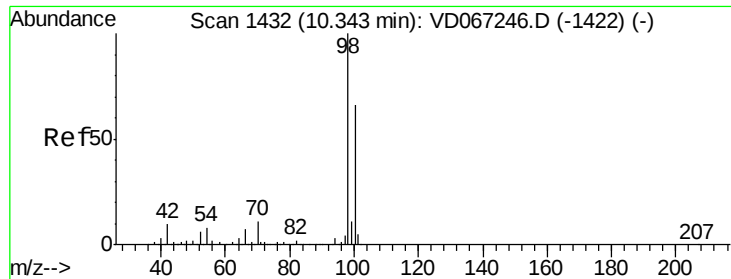
#35
 Dibromofluoromethane
 Concen: 49.736 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067323.D
 Acq: 20 Oct 2020 14:50

Tgt Ion:113 Resp: 8809
 Ion Ratio Lower Upper
 113 100
 111 99.4 81.6 122.4
 192 21.3 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: 46.271 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067323.D

Acq: 20 Oct 2020 14:50

Instrument :

MSVOA_D

ClientSampleId :

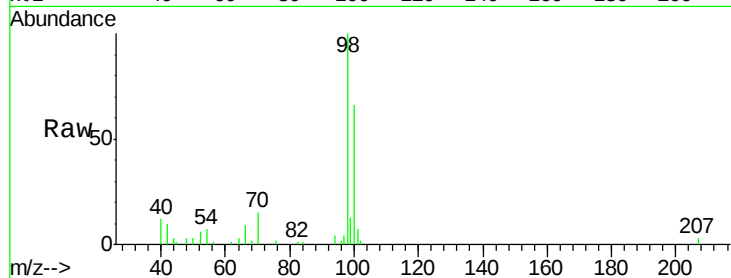
34B

Tot Ion: 98 Resp: 29658

Ion Ratio Lower Upper

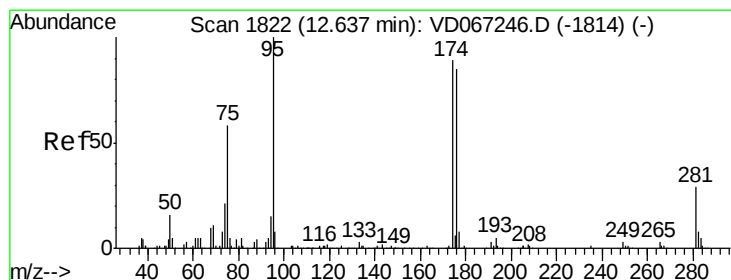
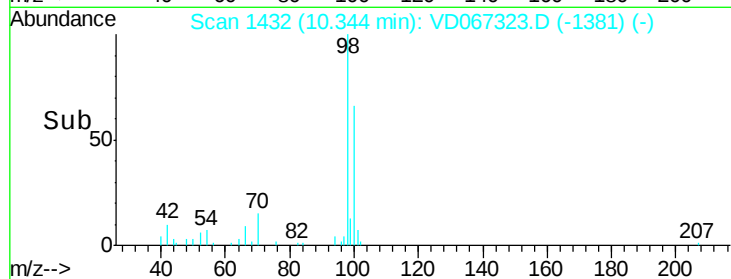
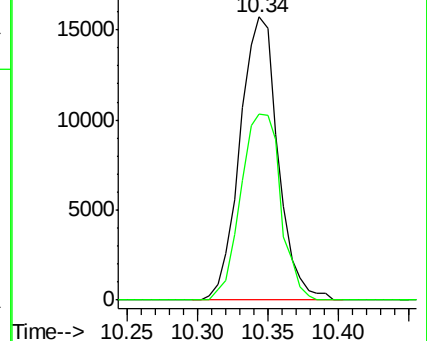
98 100

100 69.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 46.047 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067323.D

Acq: 20 Oct 2020 14:50

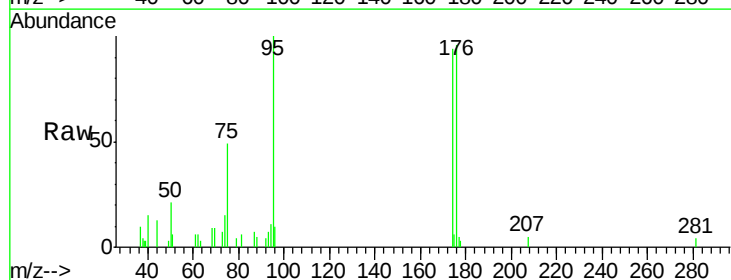
Tgt Ion: 95 Resp: 10263

Ion Ratio Lower Upper

95 100

174 86.4 0.0 175.2

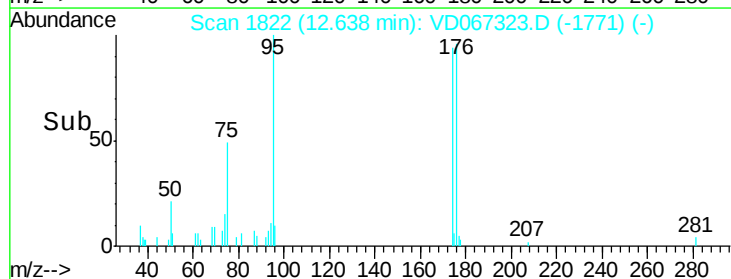
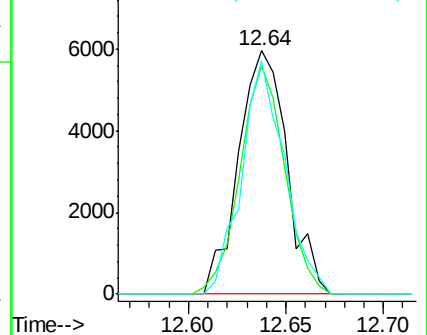
176 85.4 0.0 168.6



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

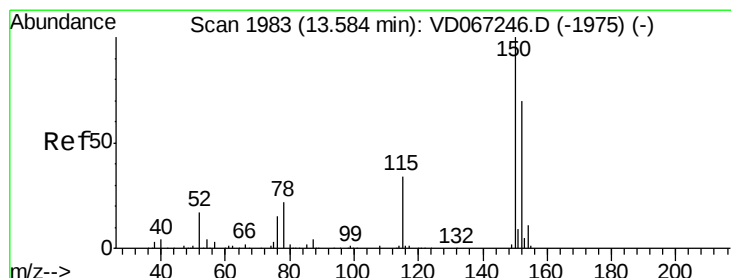
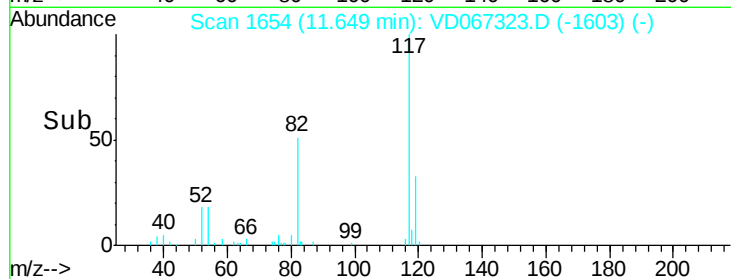
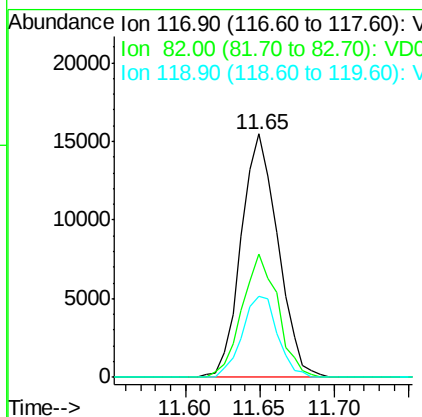
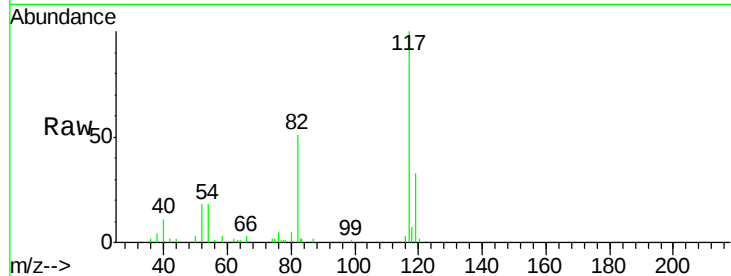




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067323.D
Acq: 20 Oct 2020 14:50

Instrument :
MSVOA_D
ClientSampleId :
34B

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	39.9	59.9
119	33.3	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067323.D
Acq: 20 Oct 2020 14:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	87.9
150	139.3	0.0	339.0

