

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102320\
 Data File : VD067381.D
 Acq On : 23 Oct 2020 14:48
 Operator : VA/SY
 Sample : L4500-01
 Misc : 6.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 11935

Quant Time: Oct 24 07:46:24 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	315364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	504341	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	487907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	223236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	163272	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	7.93	113	165292	49.25	ug/l	0.01
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.34	98	593912	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
62) 4-Bromofluorobenzene	12.64	95	202258	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	

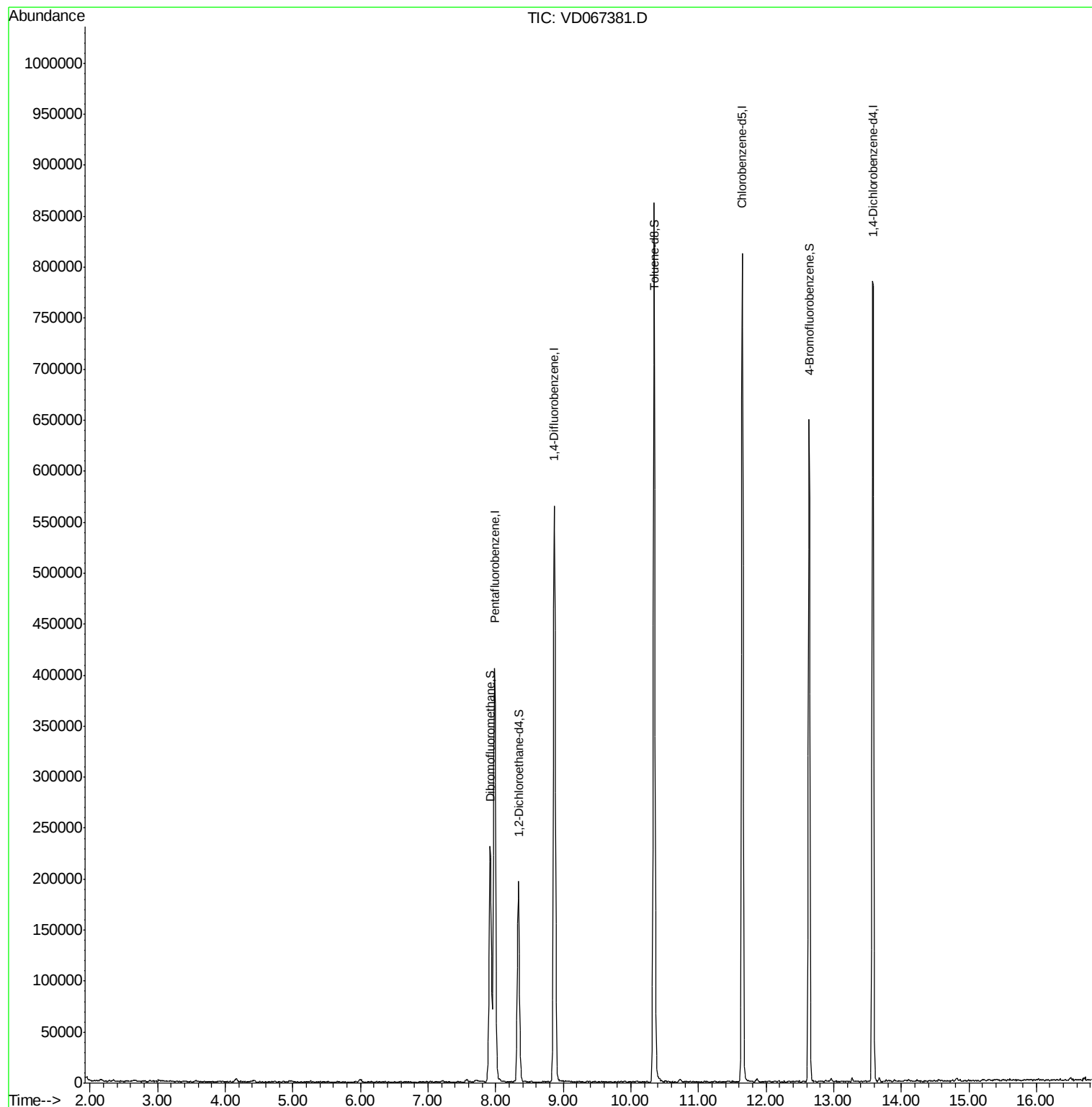
Target Compounds	Qvalue
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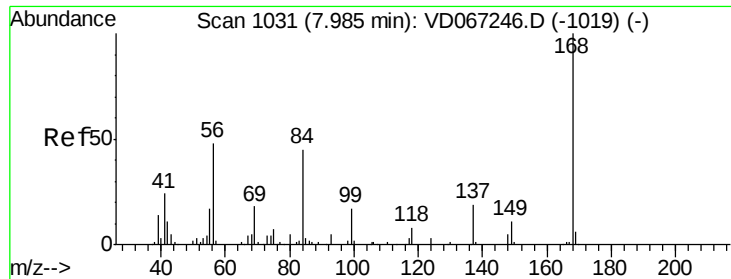
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067381.D

Acq: 23 Oct 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

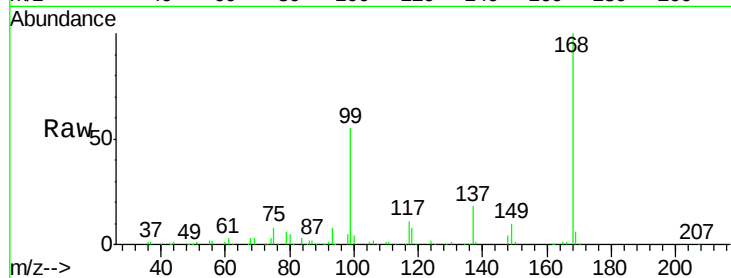
11935

Tot Ion:168 Resp: 315364

Ion Ratio Lower Upper

168 100

99 55.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

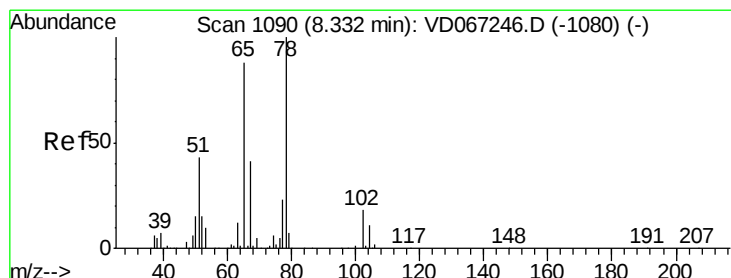
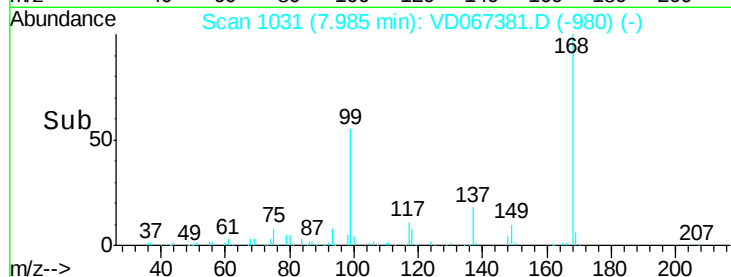
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.677 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067381.D

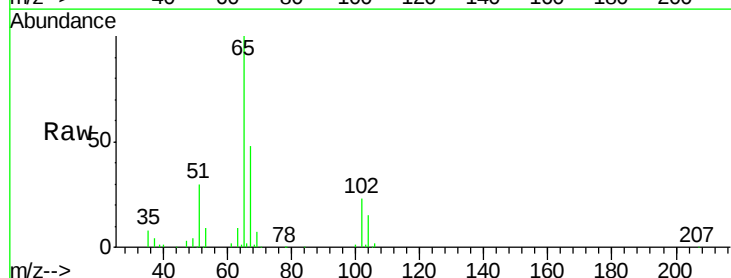
Acq: 23 Oct 2020 14:48

Tgt Ion: 65 Resp: 163272

Ion Ratio Lower Upper

65 100

67 48.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

60000

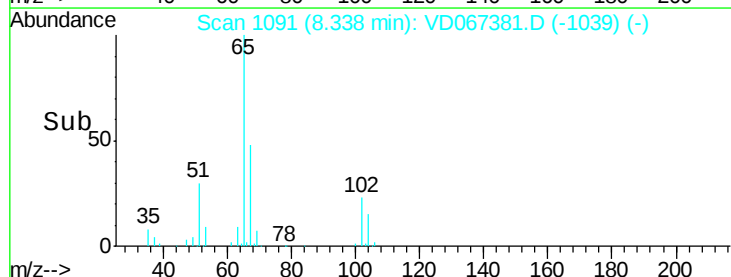
40000

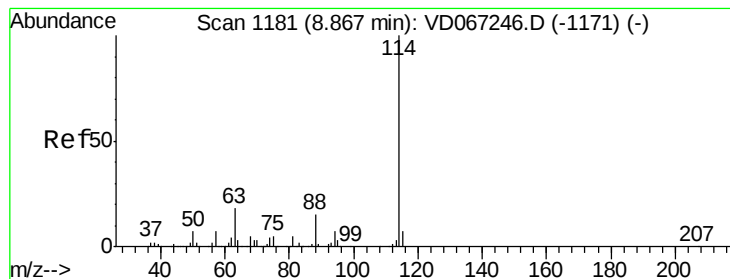
20000

0

8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067381.D

Acq: 23 Oct 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

11935

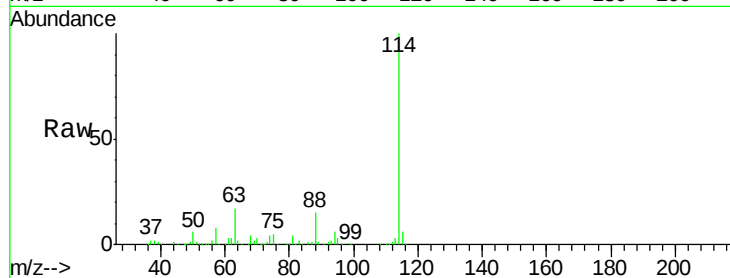
Tot Ion:114 Resp: 504341

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

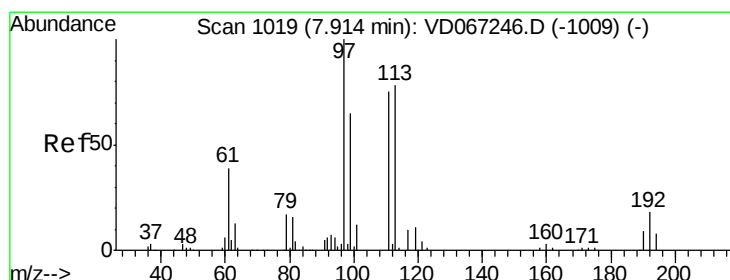
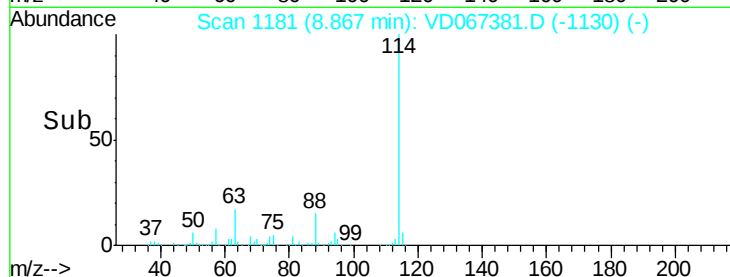
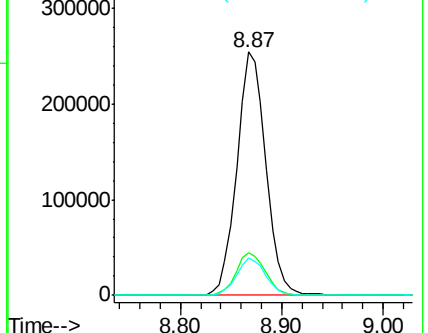
88 15.2 0.0 30.6



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: 49.247 ug/l

RT: 7.93 min Scan# 1021

Delta R.T. 0.01 min

Lab File: VD067381.D

Acq: 23 Oct 2020 14:48

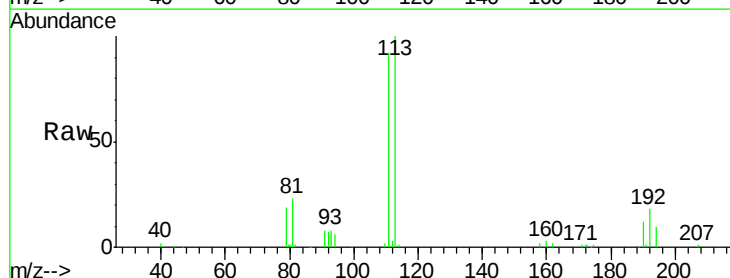
Tgt Ion:113 Resp: 165292

Ion Ratio Lower Upper

113 100

111 99.1 81.6 122.4

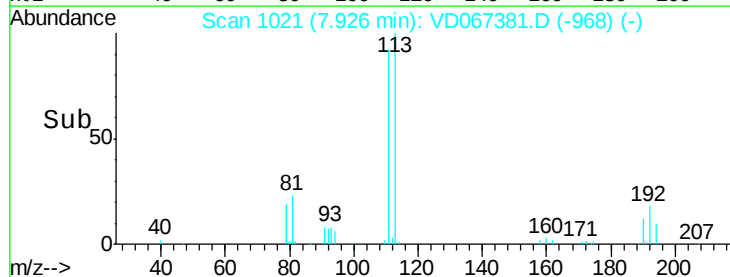
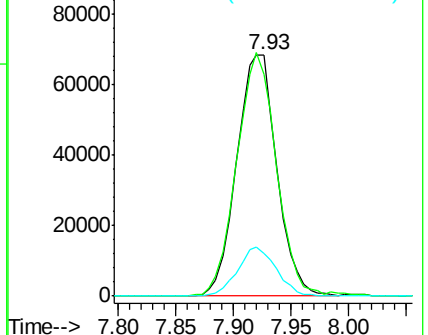
192 19.6 17.0 25.4

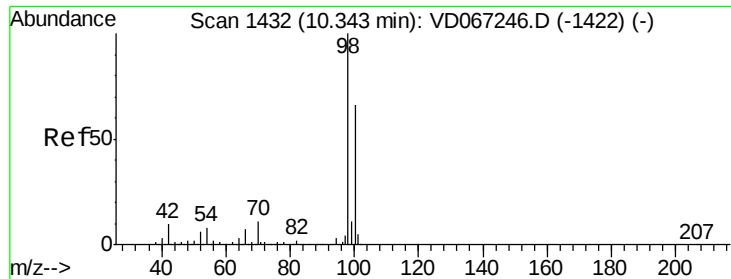


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.896 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067381.D

Acq: 23 Oct 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

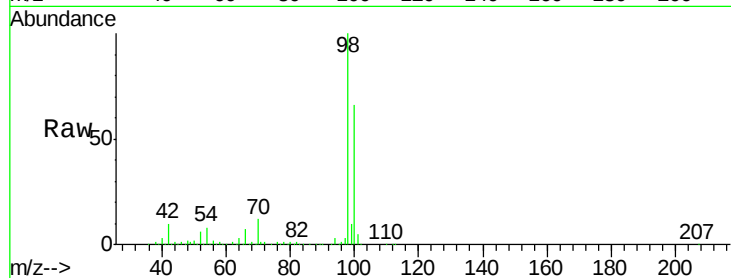
11935

Tot Ion: 98 Resp: 593912

Ion Ratio Lower Upper

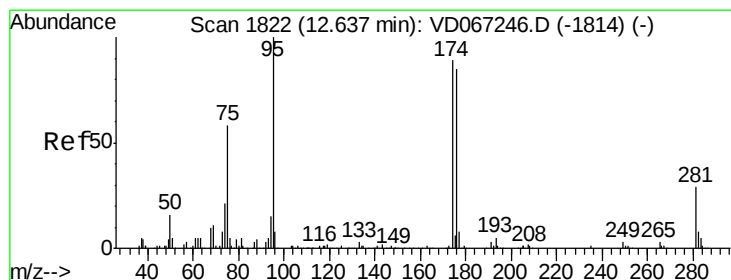
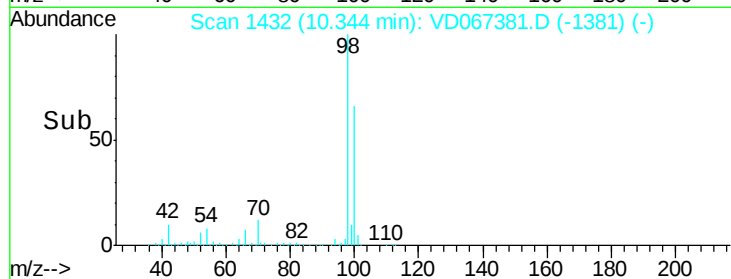
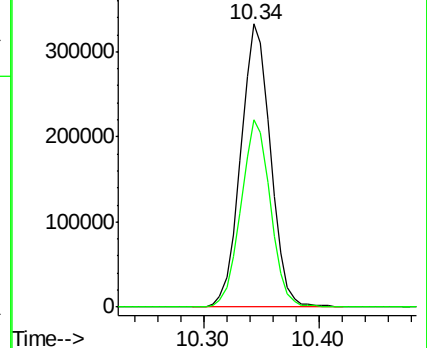
98 100

100 65.8 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: 47.888 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067381.D

Acq: 23 Oct 2020 14:48

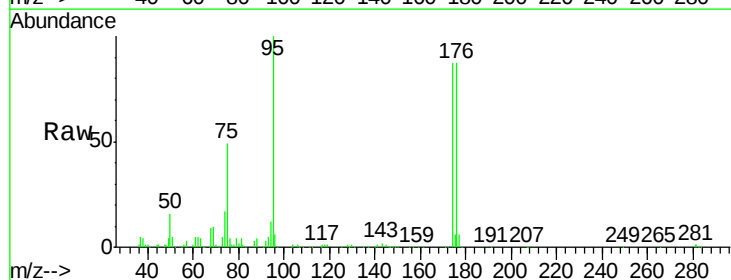
Tgt Ion: 95 Resp: 202258

Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.2

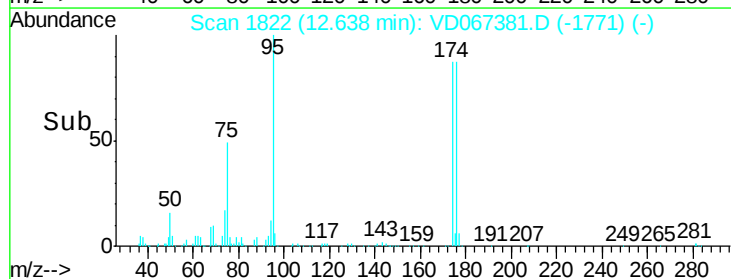
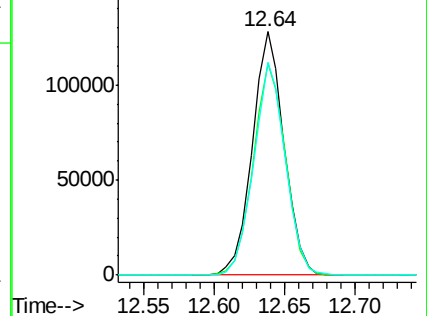
176 87.0 0.0 168.6



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

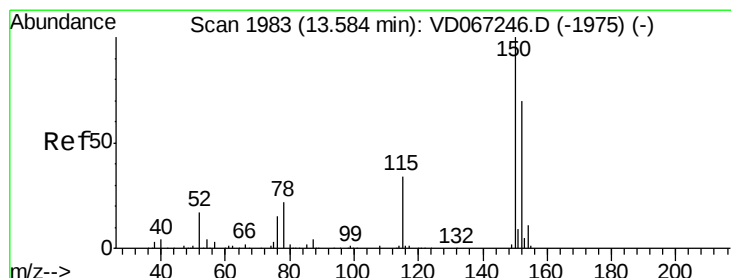
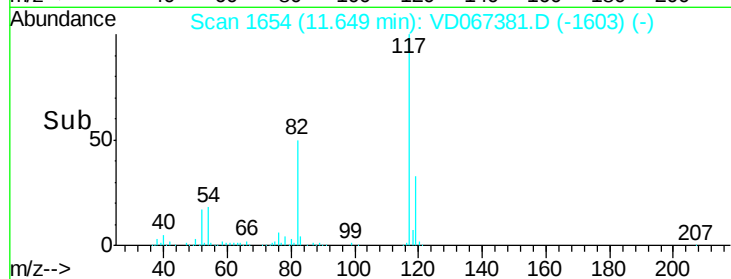
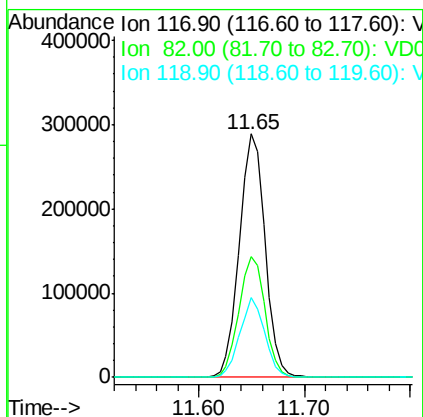
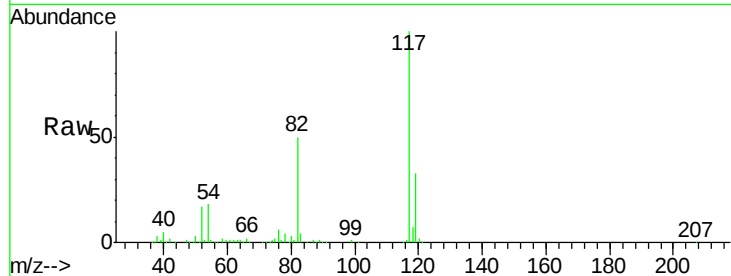




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067381.D
Acq: 23 Oct 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
11935

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.7	39.9	59.9
119	32.6	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: VD067381.D
Acq: 23 Oct 2020 14:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.3	87.9
150	157.5	0.0	339.0

