

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112320\
 Data File : VD067748.D
 Acq On : 23 Nov 2020 16:21
 Operator : VA/SY
 Sample : L4836-09
 Misc : 5.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SL-02

Quant Time: Nov 24 01:10:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	246881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	375825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	404386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	212759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	111977	46.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.30%
35) Dibromofluoromethane	7.92	113	118175	49.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.82%
50) Toluene-d8	10.34	98	439447	50.25	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.50%
62) 4-Bromofluorobenzene	12.64	95	185521	62.07	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	124.14%

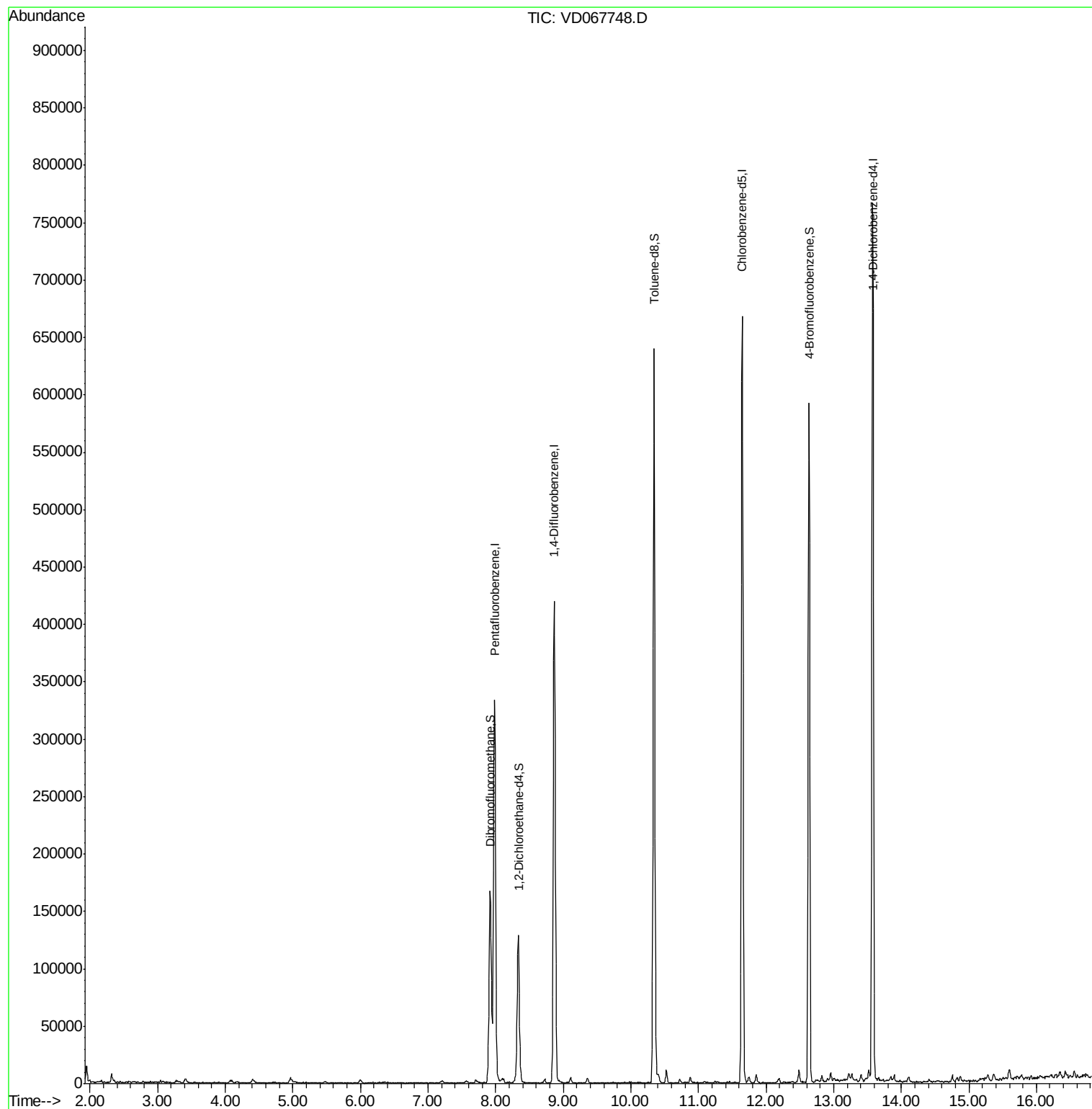
Target Compounds	Qvalue
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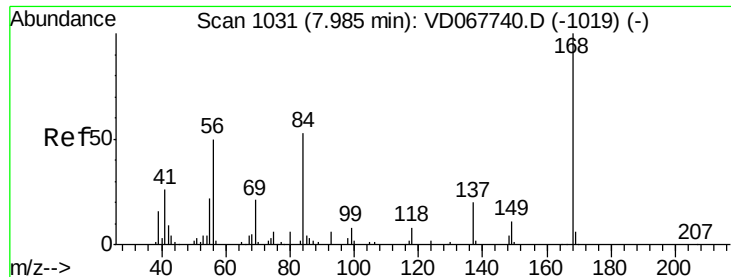
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067748.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_D

ClientSampleId :

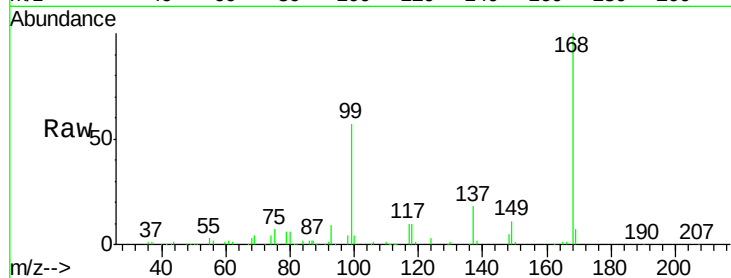
SL-02

Tot Ion:168 Resp: 246881

Ion Ratio Lower Upper

168 100

99 56.3 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

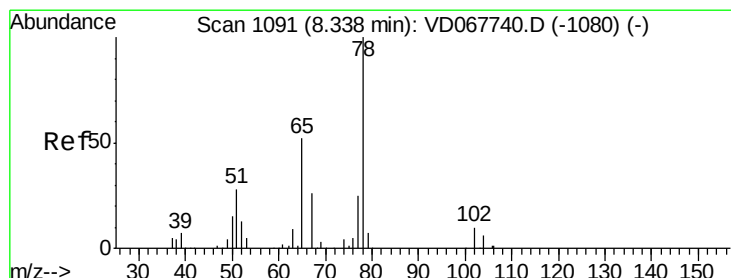
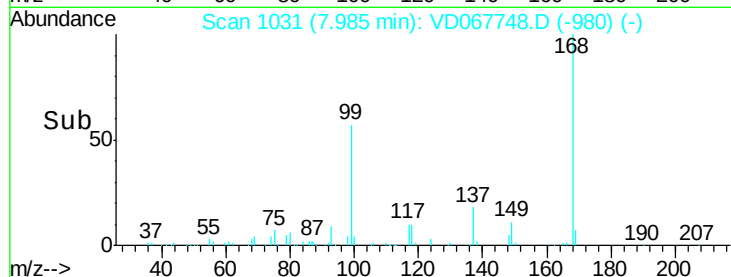
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.648 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067748.D

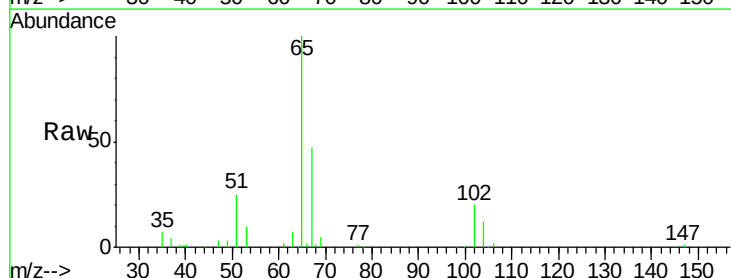
Acq: 23 Nov 2020 16:21

Tgt Ion: 65 Resp: 111977

Ion Ratio Lower Upper

65 100

67 48.2 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

50000

40000

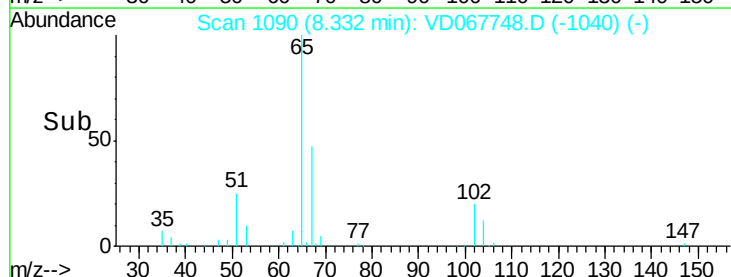
30000

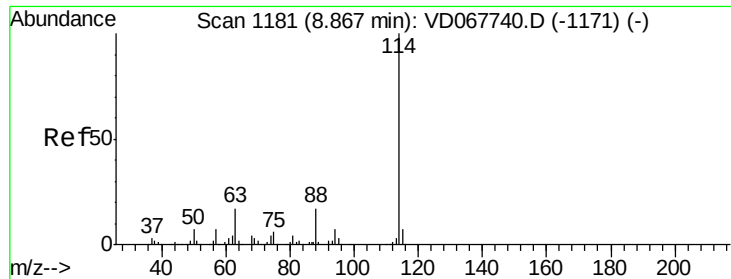
20000

10000

0

Time-->

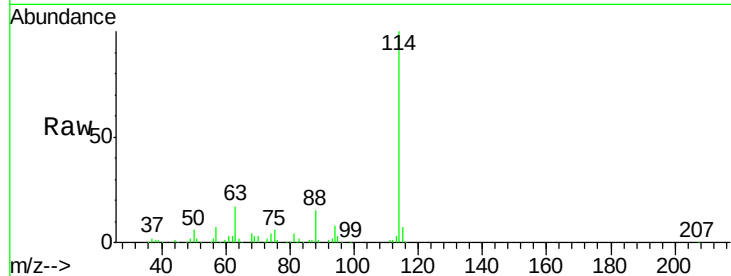




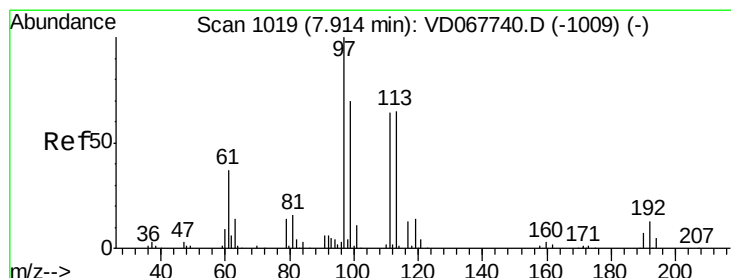
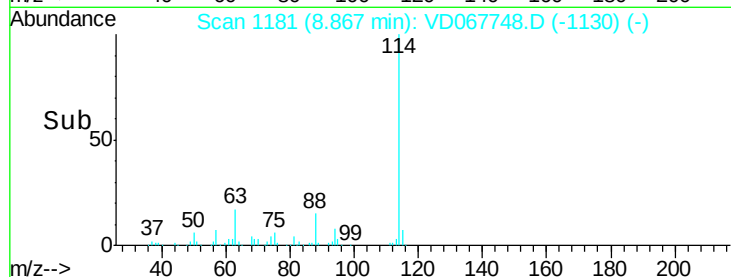
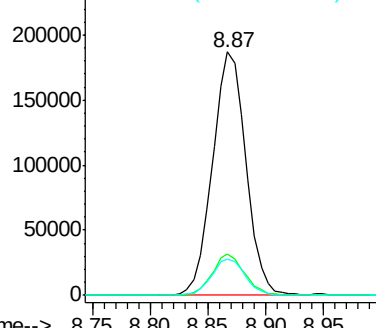
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD067748.D
 Acq: 23 Nov 2020 16:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SL-02

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	34.8
88	14.9	0.0	34.4

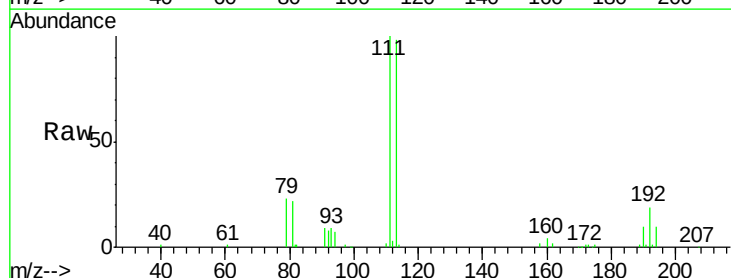


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

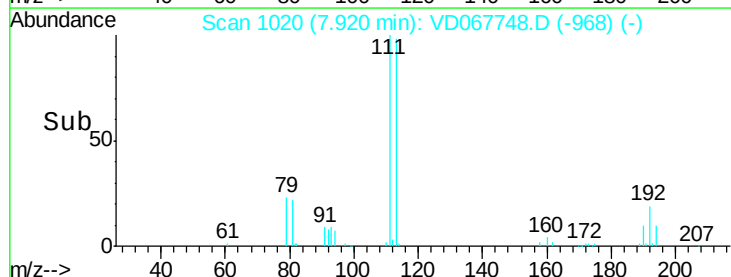
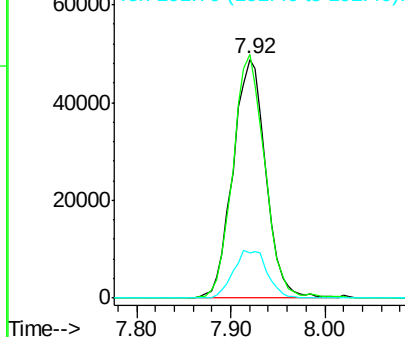


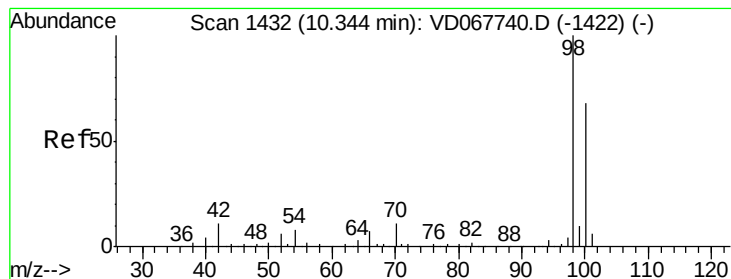
#35
 Dibromofluoromethane
 Concen: 49.410 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067748.D
 Acq: 23 Nov 2020 16:21

Tgt Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.4	122.0
192	20.4	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: 50.255 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067748.D

Acq: 23 Nov 2020 16:21

Instrument :

MSVOA_D

ClientSampleId :

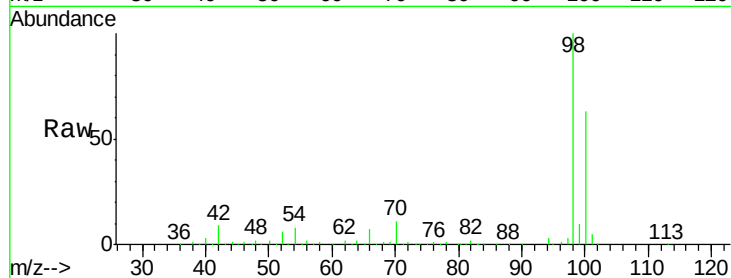
SL-02

Tot Ion: 98 Resp: 439447

Ion Ratio Lower Upper

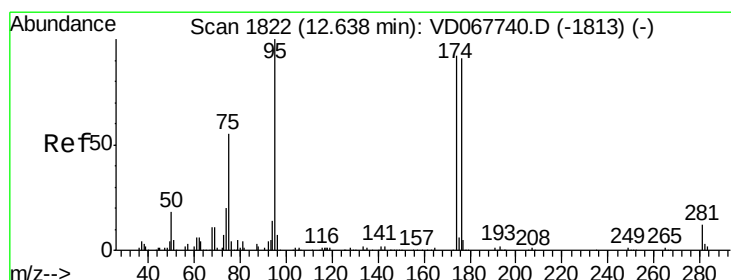
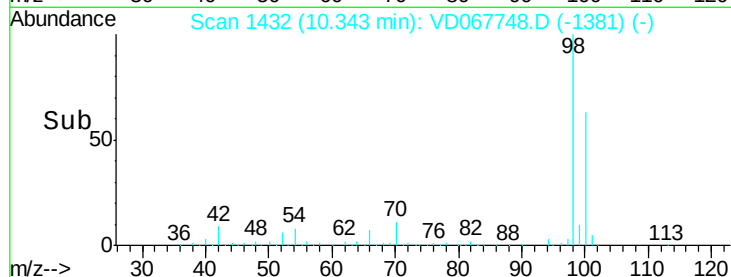
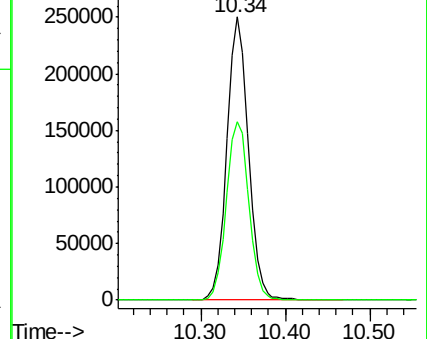
98 100

100 66.3 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: 62.071 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067748.D

Acq: 23 Nov 2020 16:21

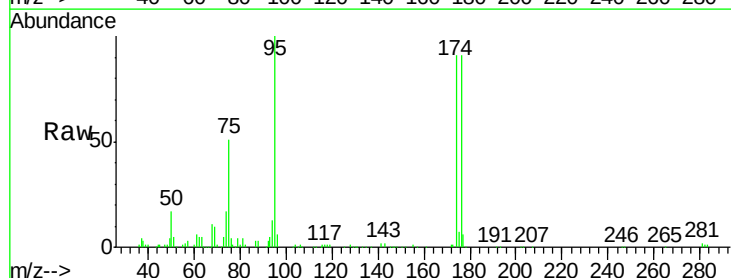
Tgt Ion: 95 Resp: 185521

Ion Ratio Lower Upper

95 100

174 89.3 0.0 182.4

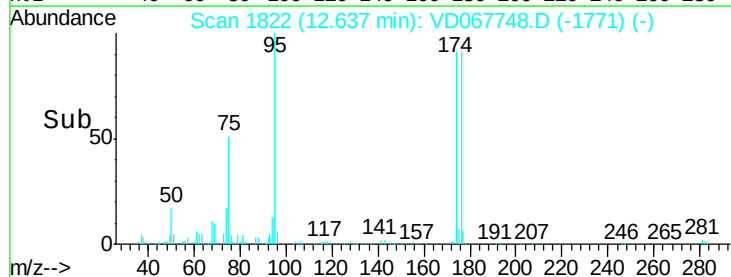
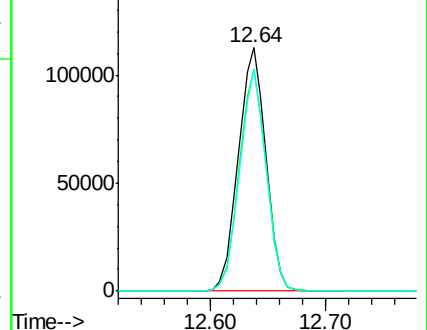
176 87.0 0.0 178.2

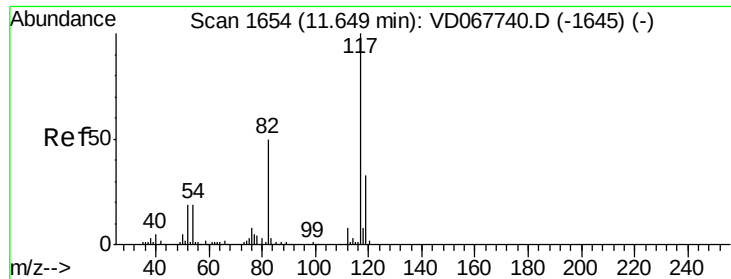


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

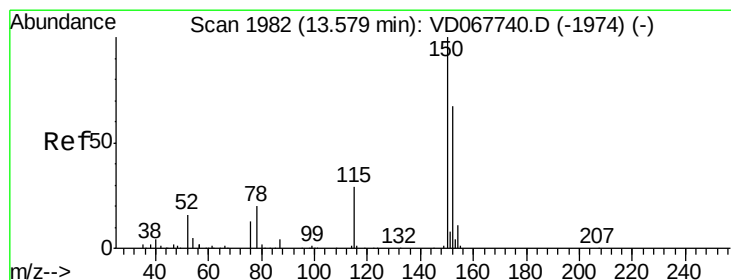
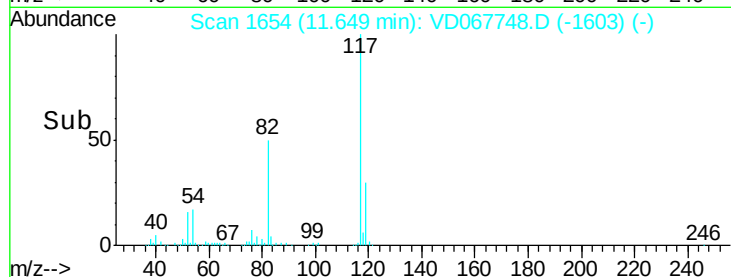
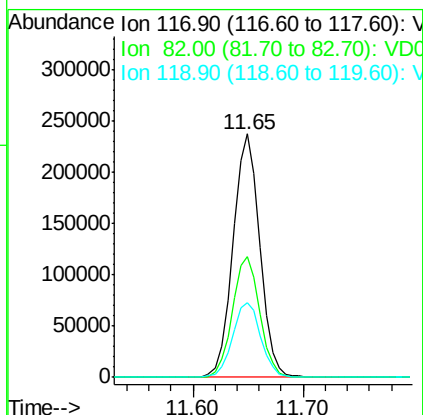
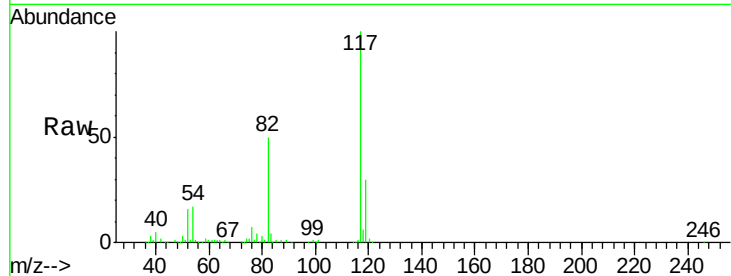




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067748.D
Acq: 23 Nov 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
SL-02

Tot Ion:117 Resp: 404386
Ion Ratio Lower Upper
117 100
82 49.8 40.2 60.4
119 30.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067748.D
Acq: 23 Nov 2020 16:21

Tgt Ion:152 Resp: 212759
Ion Ratio Lower Upper
152 100
115 59.3 29.4 88.3
150 157.7 0.0 340.6

