

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067490.D
 Acq On : 02 Nov 2020 14:37
 Operator : VA/SY
 Sample : L4540-01
 Misc : 6.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 341

Quant Time: Nov 03 00:47:16 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	314226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	510611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	505045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254815	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	161205	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	7.92	113	162168	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	10.34	98	602091	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
62) 4-Bromofluorobenzene	12.64	95	220710	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

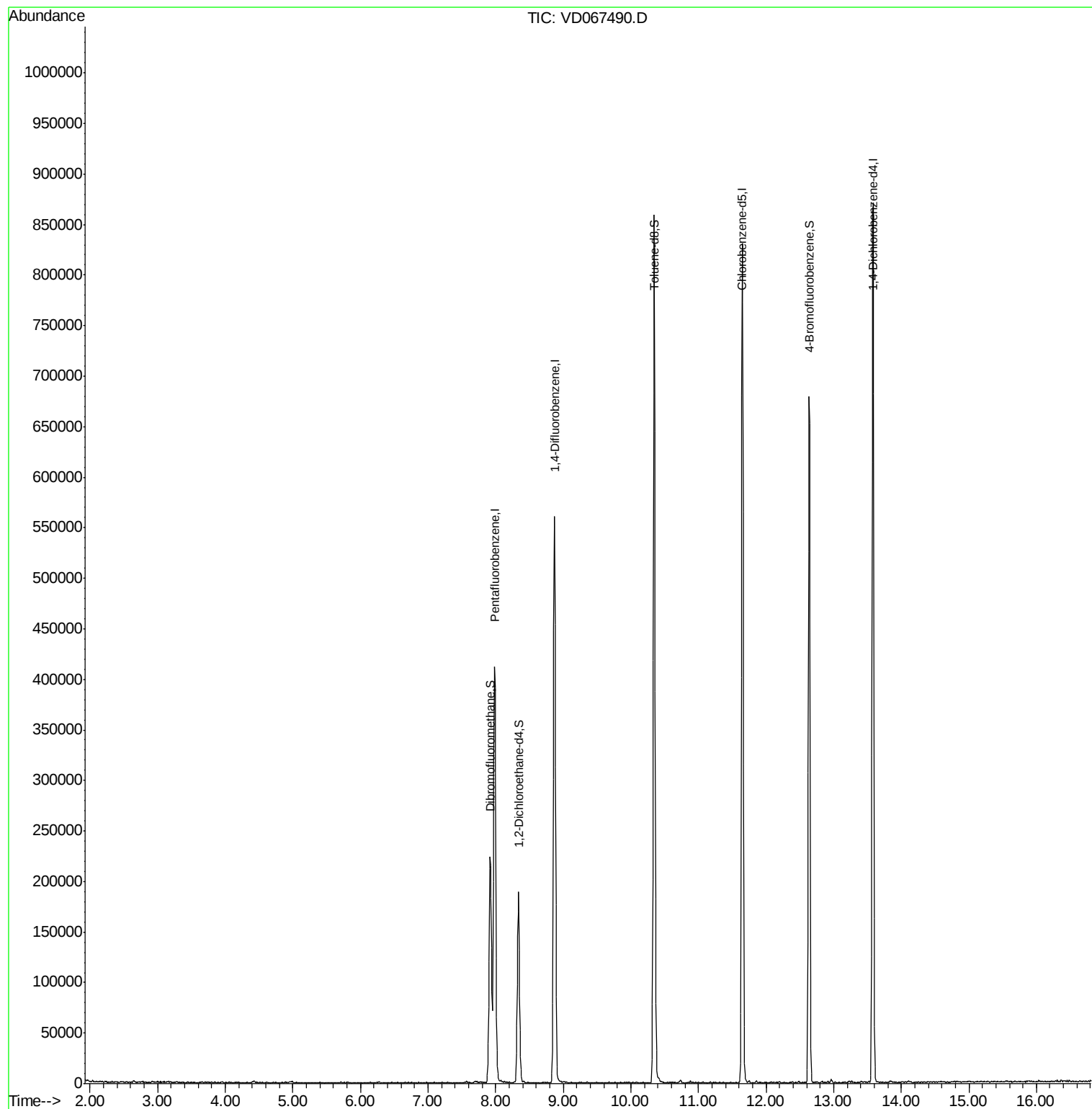
Target Compounds	Qvalue

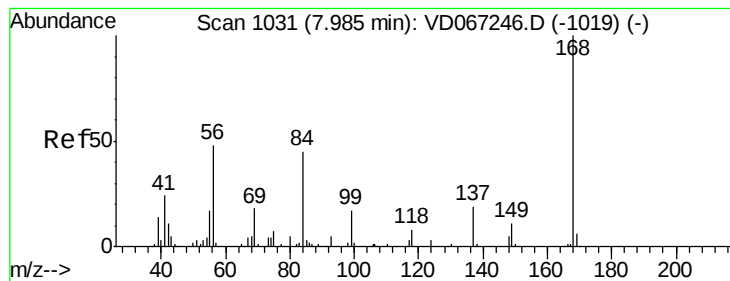
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067490.D

Acq: 02 Nov 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

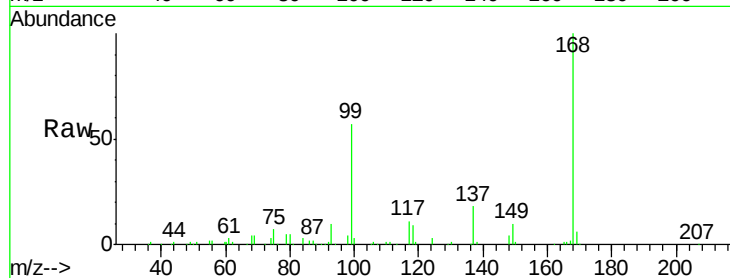
341

Tot Ion:168 Resp: 314226

Ion Ratio Lower Upper

168 100

99 57.0 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

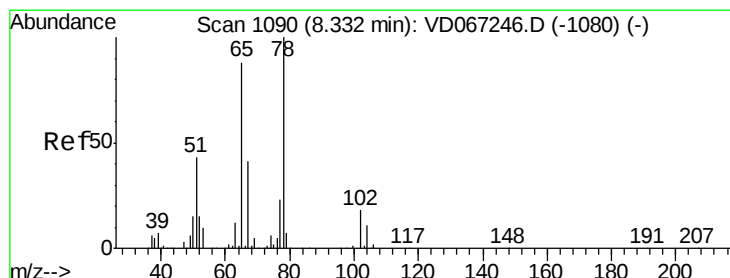
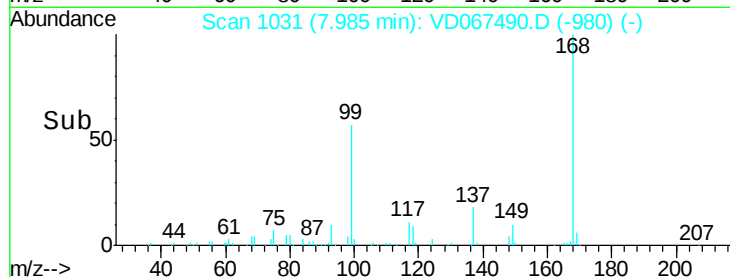
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.207 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067490.D

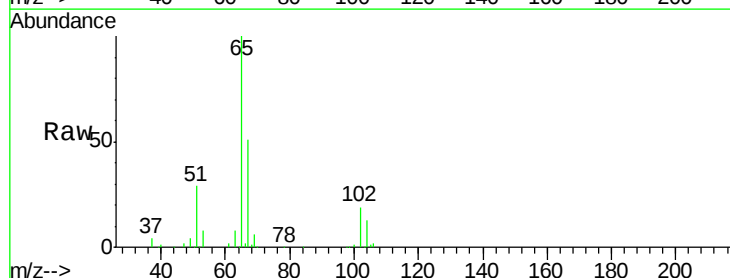
Acq: 02 Nov 2020 14:37

Tgt Ion: 65 Resp: 161205

Ion Ratio Lower Upper

65 100

67 48.8 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

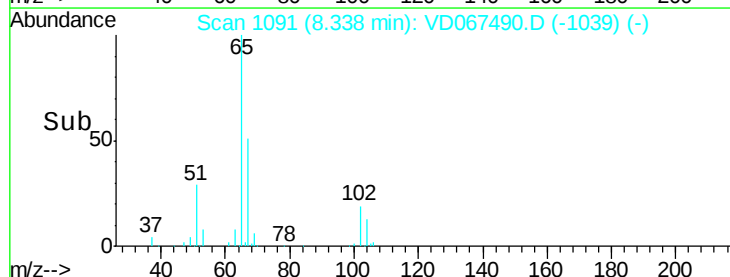
40000

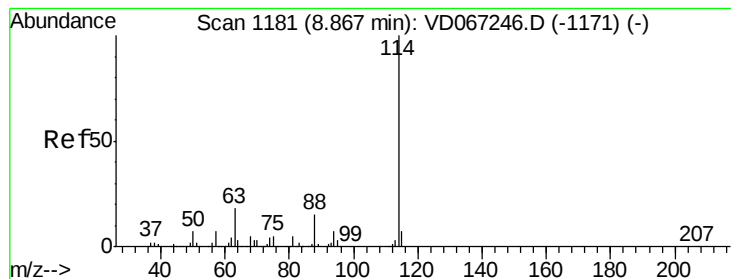
20000

0

8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067490.D

Acq: 02 Nov 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

341

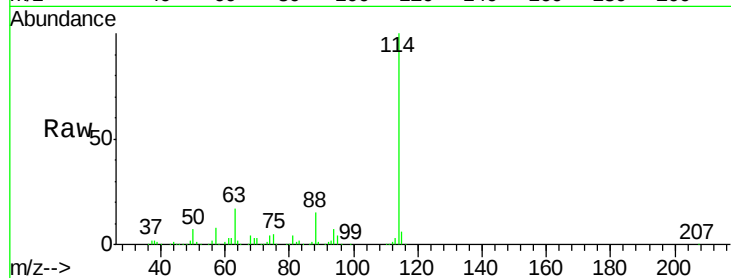
Tot Ion:114 Resp: 510611

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

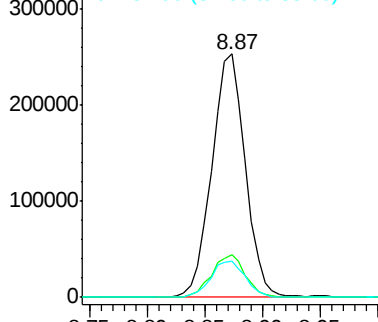
88 15.1 0.0 30.6



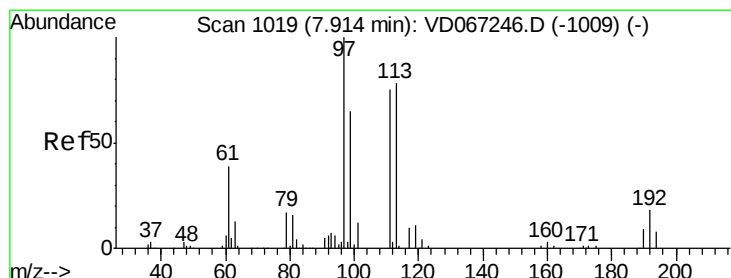
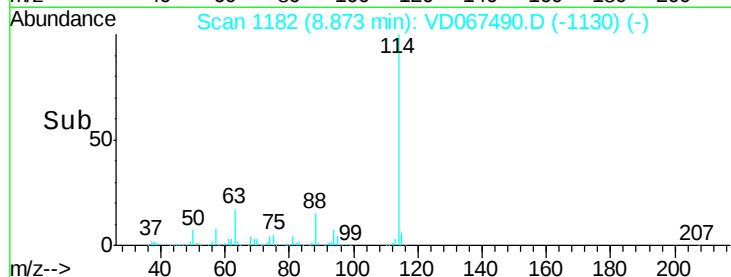
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



Time--> 8.75 8.80 8.85 8.90 8.95



#35

Dibromofluoromethane

Concen: 47.723 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067490.D

Acq: 02 Nov 2020 14:37

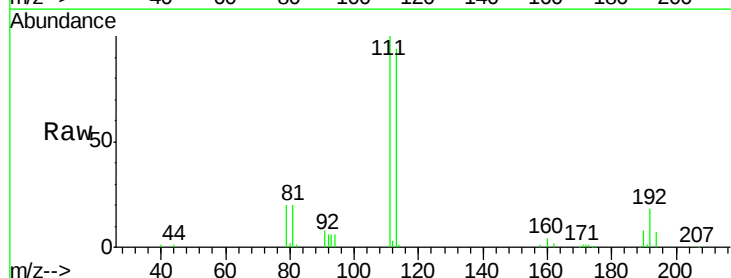
Tgt Ion:113 Resp: 162168

Ion Ratio Lower Upper

113 100

111 105.7 81.6 122.4

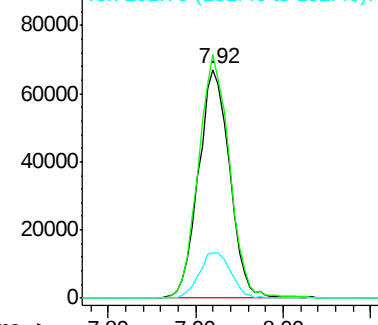
192 20.2 17.0 25.4



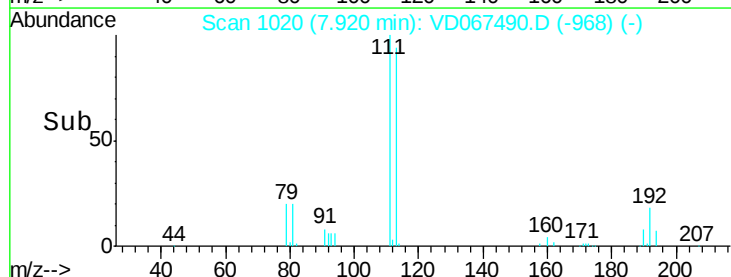
Abundance Ion 112.80 (112.50 to 113.50): V

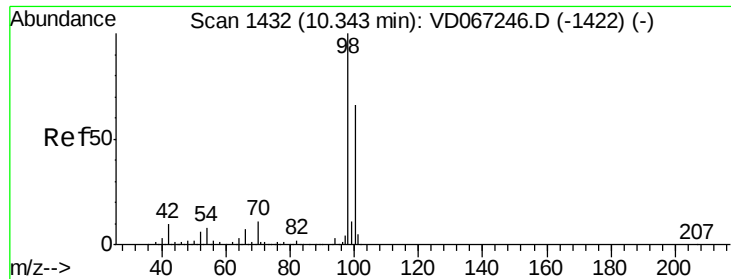
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 7.80 7.90 8.00





#50

Toluene-d8

Concen: 48.960 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067490.D

Acq: 02 Nov 2020 14:37

Instrument :

MSVOA_D

ClientSampleId :

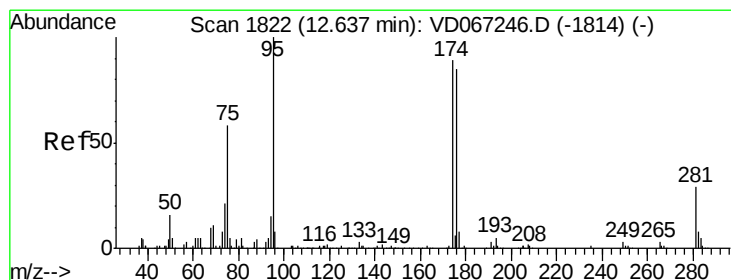
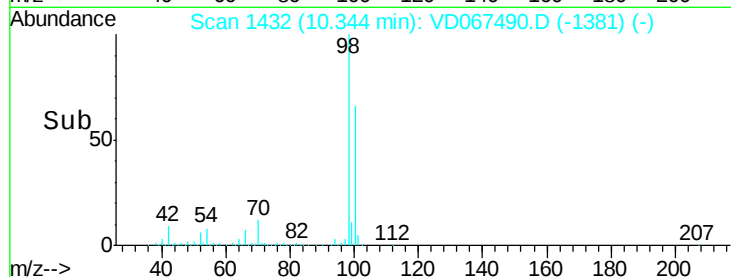
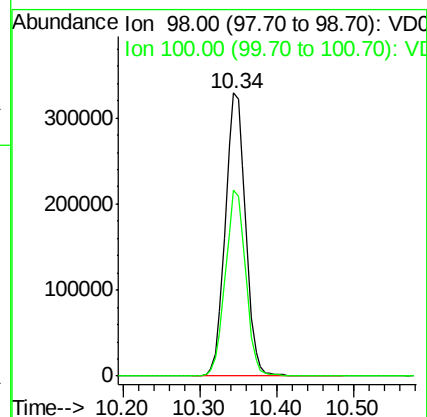
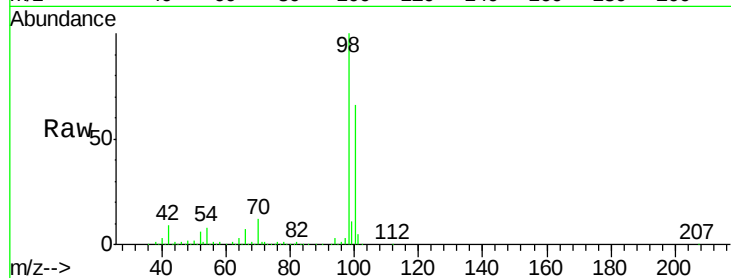
341

Tot Ion: 98 Resp: 602091

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 51.615 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067490.D

Acq: 02 Nov 2020 14:37

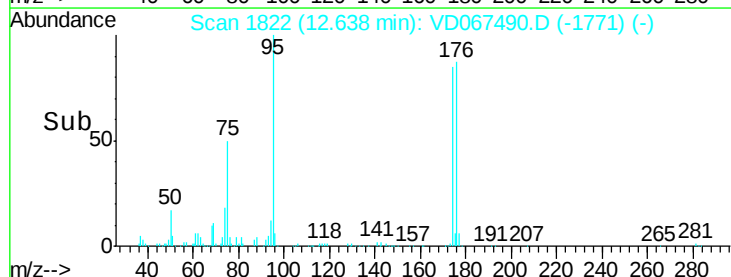
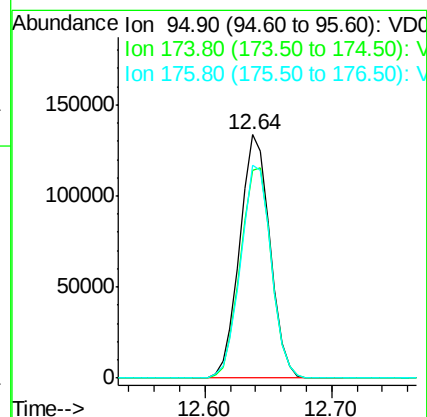
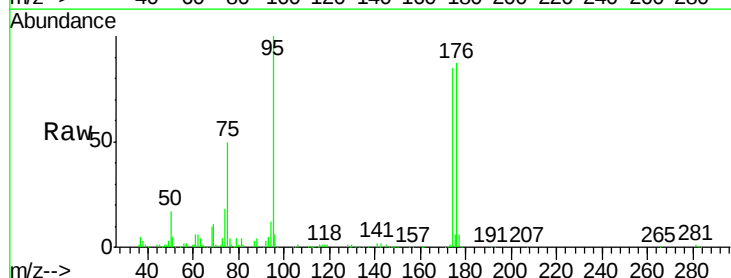
Tgt Ion: 95 Resp: 220710

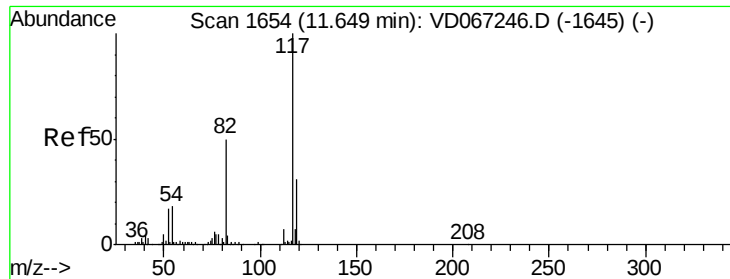
Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.2

176 88.1 0.0 168.6

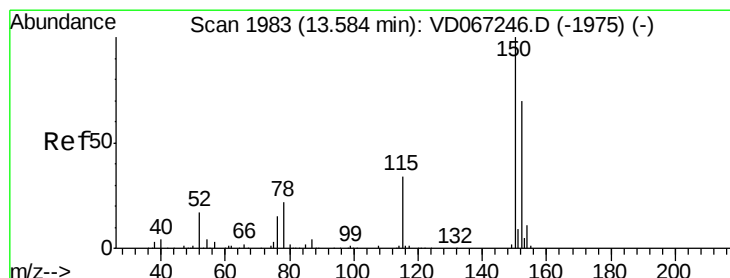
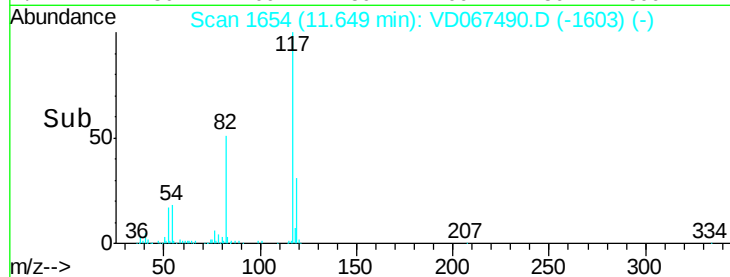
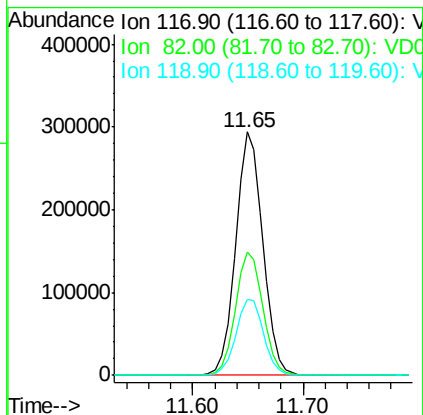
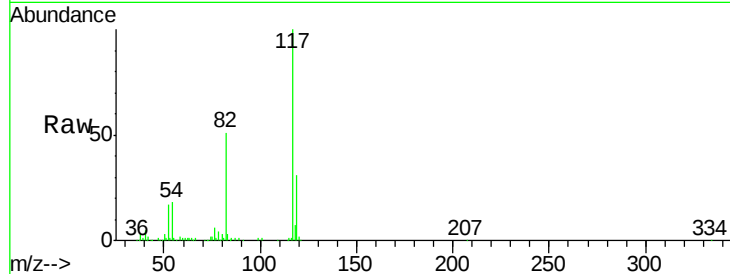




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067490.D
Acq: 02 Nov 2020 14:37

Instrument :
MSVOA_D
ClientSampleId :
341

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	39.9	59.9
119	31.2	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: VD067490.D
Acq: 02 Nov 2020 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	87.9
150	154.5	0.0	339.0

