

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101620\
 Data File : VD067300.D
 Acq On : 16 Oct 2020 16:35
 Operator : VA/SY
 Sample : L4435-01
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 5412

Quant Time: Oct 17 01:12:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	326155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	536940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	502230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	235840	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	160338	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	7.92	113	171429	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.34	98	636083	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.64	95	206624	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	

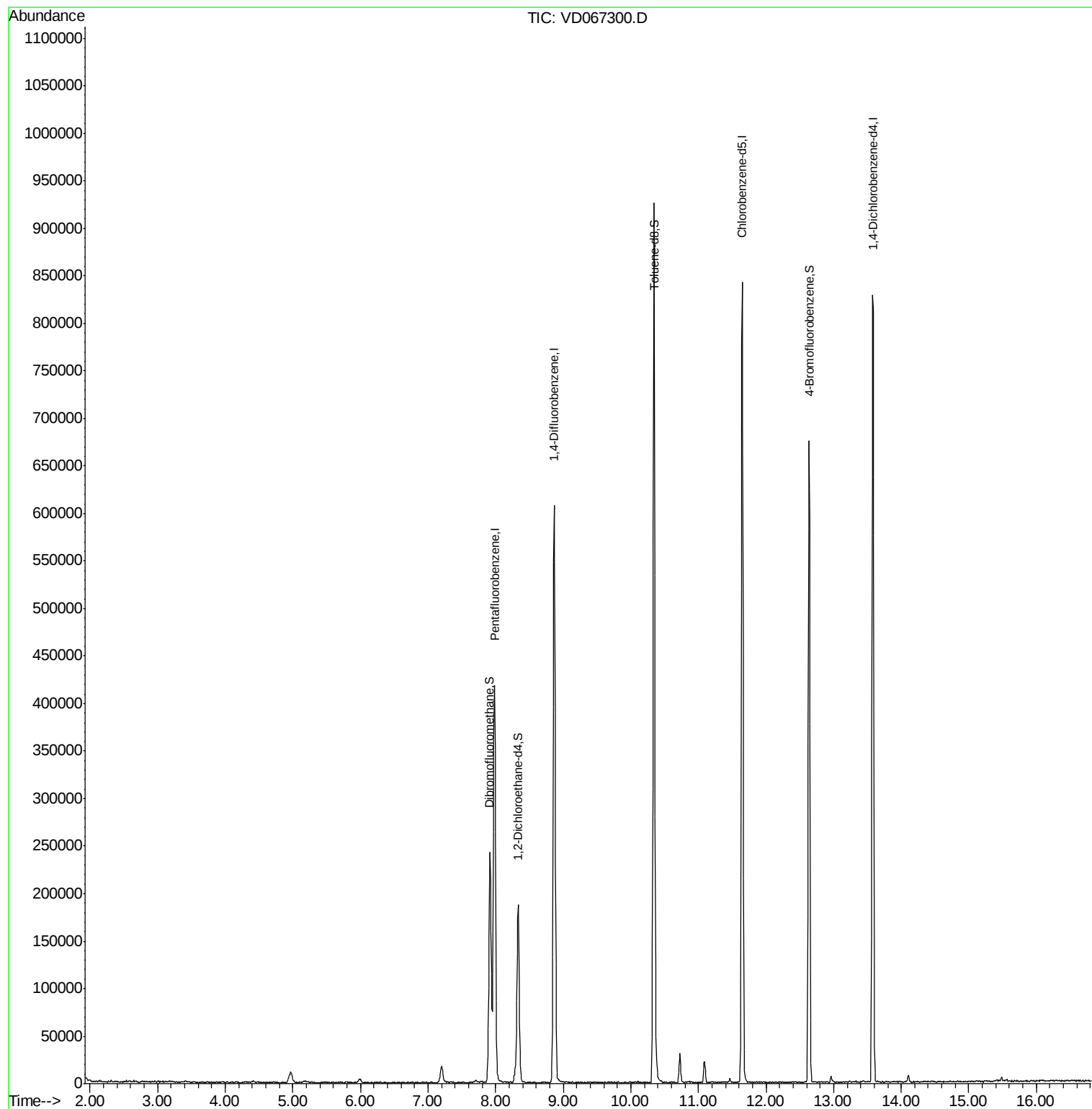
Target Compounds	Qvalue

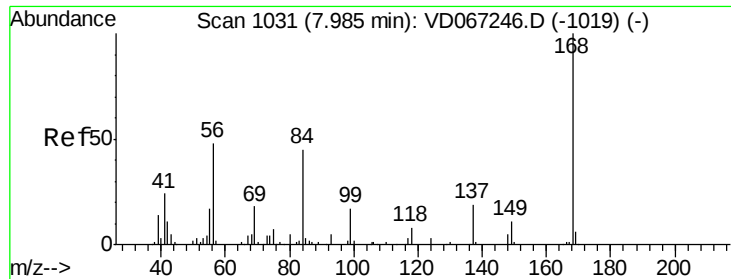
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 14 03:30:30 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067300.D

Acq: 16 Oct 2020 16:35

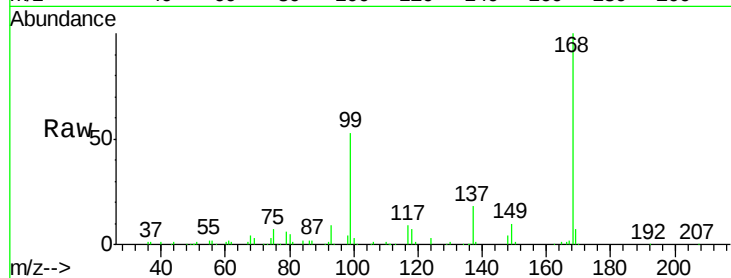
Instrument :
MSVOA_D
ClientSampleId :
5412

Tot Ion:168 Resp: 326155

Ion Ratio Lower Upper

168 100

99 53.1 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

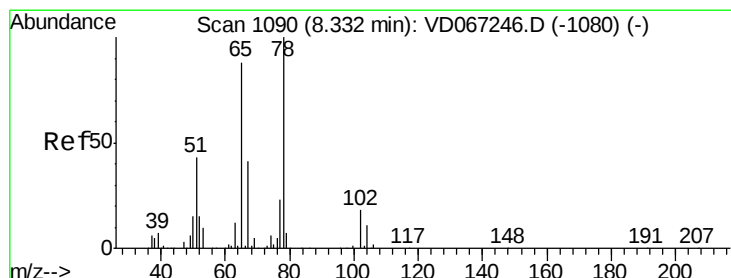
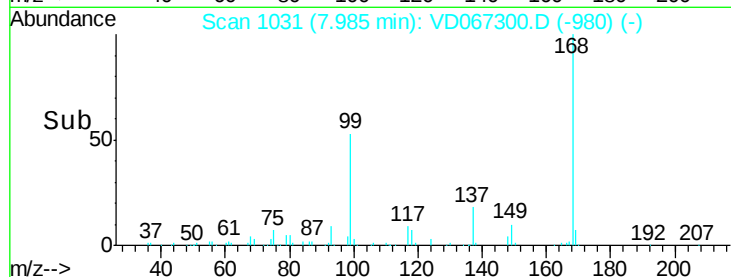
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.069 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067300.D

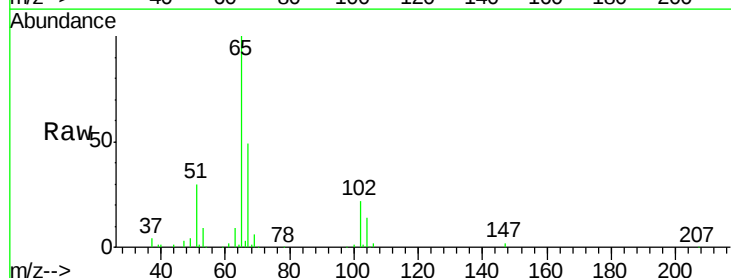
Acq: 16 Oct 2020 16:35

Tgt Ion: 65 Resp: 160338

Ion Ratio Lower Upper

65 100

67 49.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

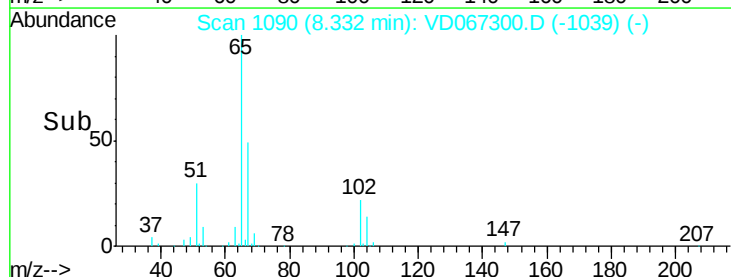
60000

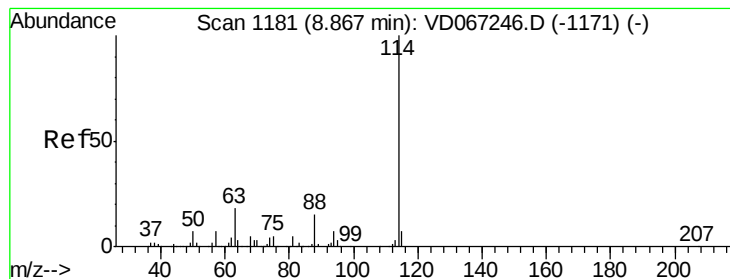
40000

20000

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: VD067300.D

Acq: 16 Oct 2020 16:35

Instrument :

MSVOA_D

ClientSampleId :

5412

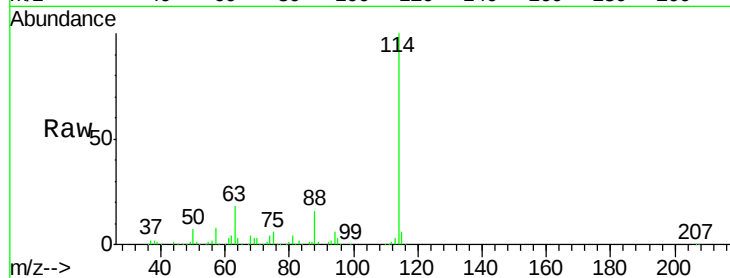
Tot Ion:114 Resp: 536940

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

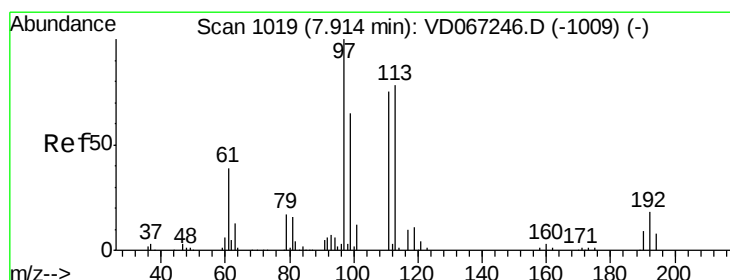
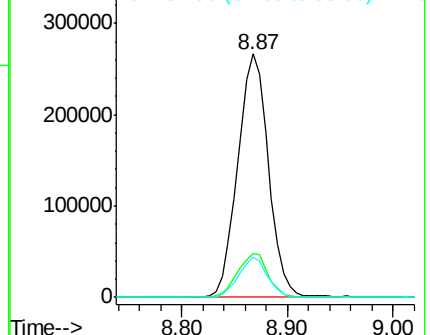
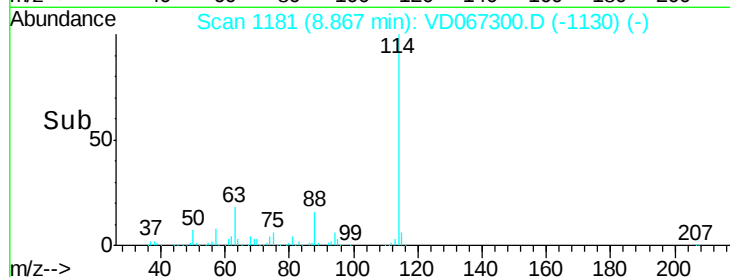
88 16.3 0.0 30.6



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: 47.974 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067300.D

Acq: 16 Oct 2020 16:35

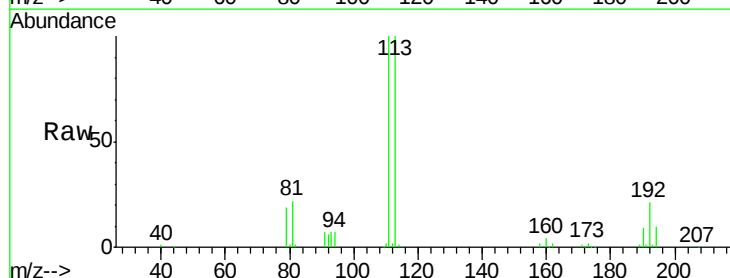
Tgt Ion:113 Resp: 171429

Ion Ratio Lower Upper

113 100

111 101.9 81.6 122.4

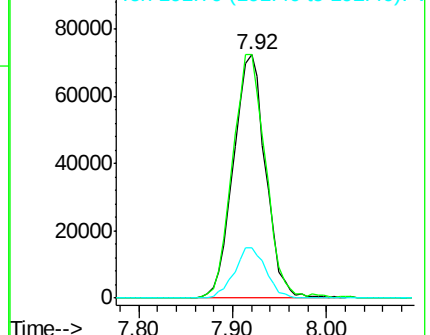
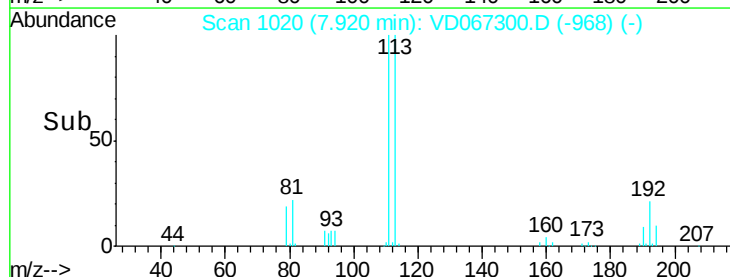
192 20.6 17.0 25.4

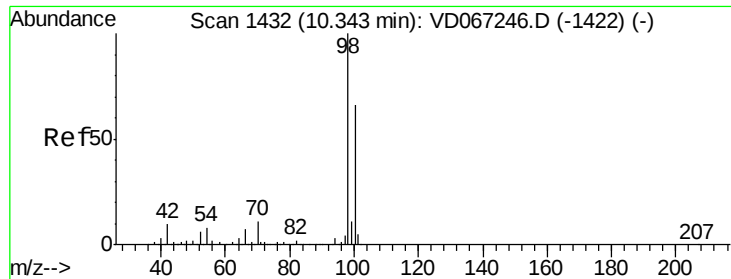


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.188 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067300.D

Acq: 16 Oct 2020 16:35

Instrument :

MSVOA_D

ClientSampleId :

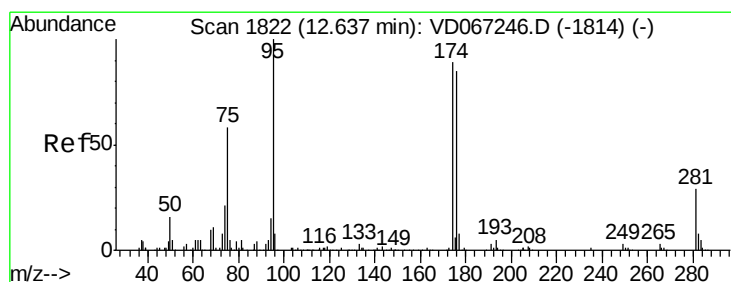
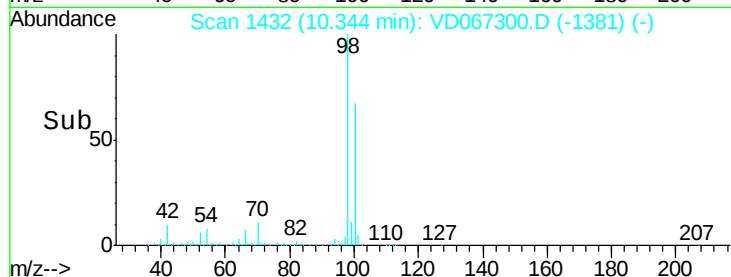
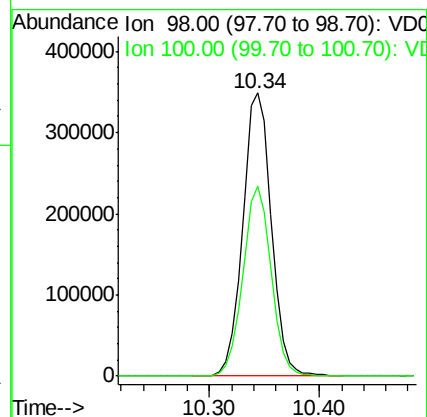
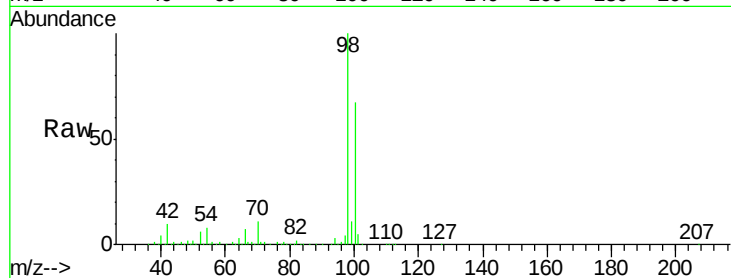
5412

Tot Ion: 98 Resp: 636083

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.951 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067300.D

Acq: 16 Oct 2020 16:35

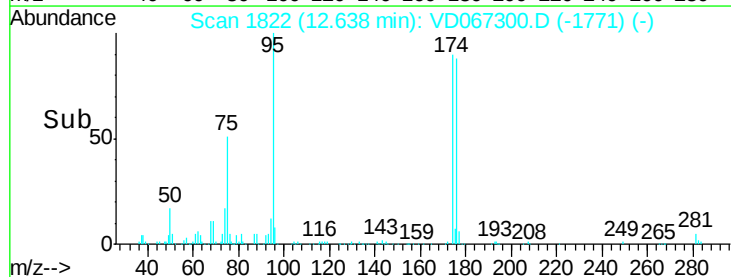
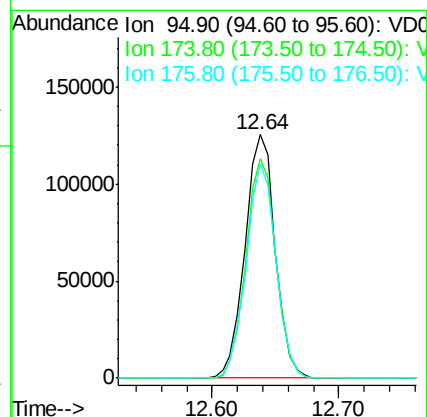
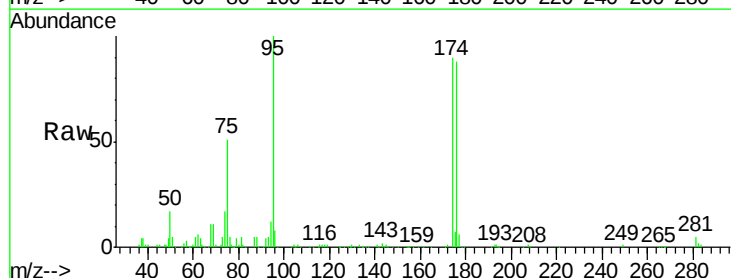
Tgt Ion: 95 Resp: 206624

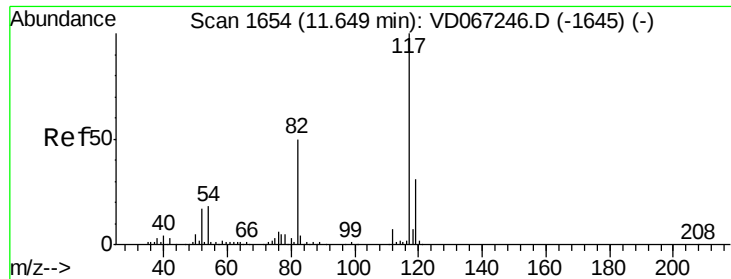
Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.2

176 87.0 0.0 168.6

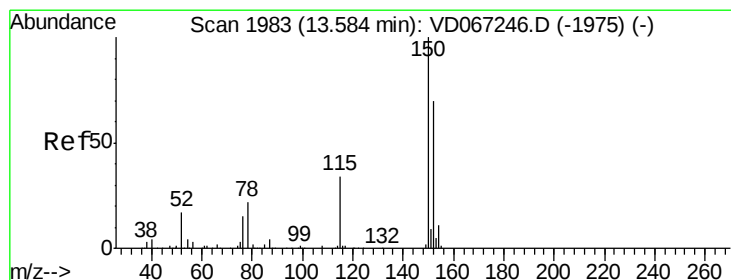
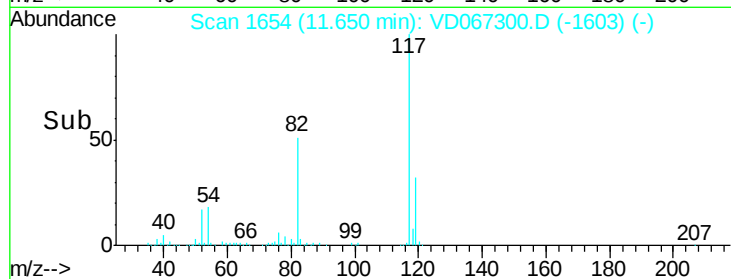
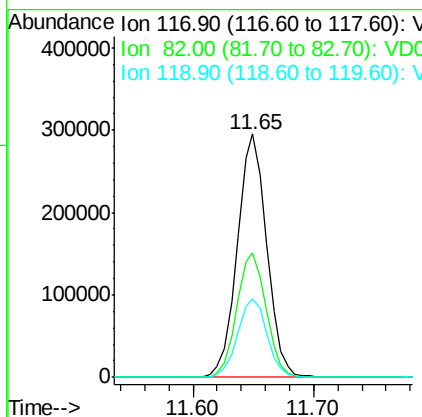
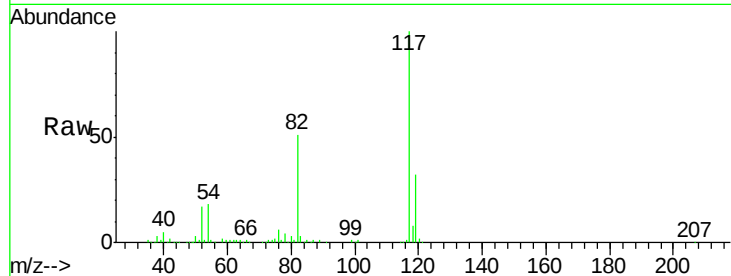




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067300.D
Acq: 16 Oct 2020 16:35

Instrument :
MSVOA_D
ClientSampleId :
5412

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	39.9	59.9
119	32.0	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: VD067300.D
Acq: 16 Oct 2020 16:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.3	87.9
150	156.2	0.0	339.0

