

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067491.D
 Acq On : 02 Nov 2020 15:04
 Operator : VA/SY
 Sample : L4541-01
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124031

Quant Time: Nov 03 00:49:50 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	212097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	349749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	360000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177199	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	128460	60.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.90%	
35) Dibromofluoromethane	7.92	113	118629	50.97	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.94%	
50) Toluene-d8	10.34	98	419079	49.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.64	95	155827	53.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.40%	

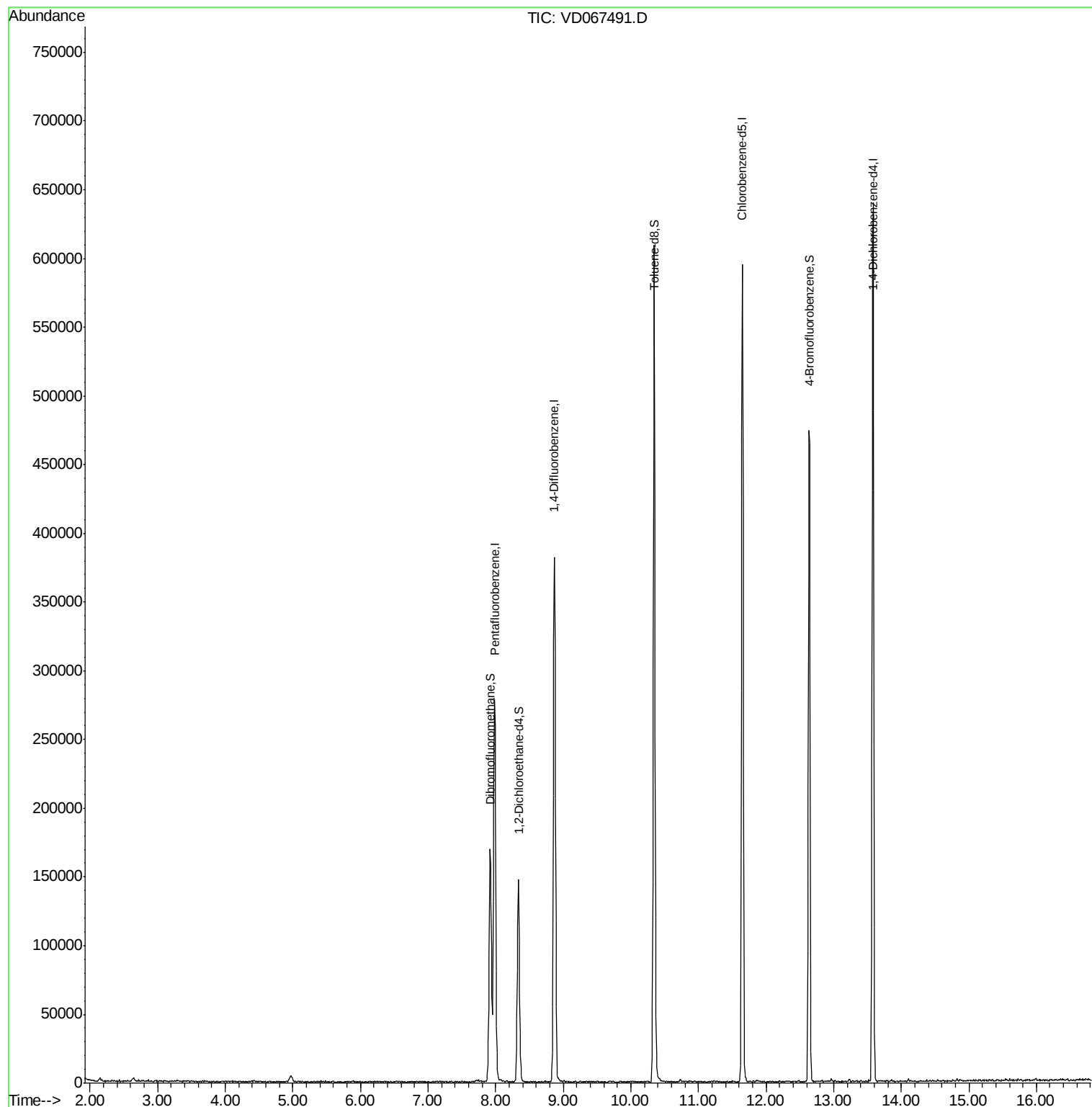
Target Compounds	Qvalue

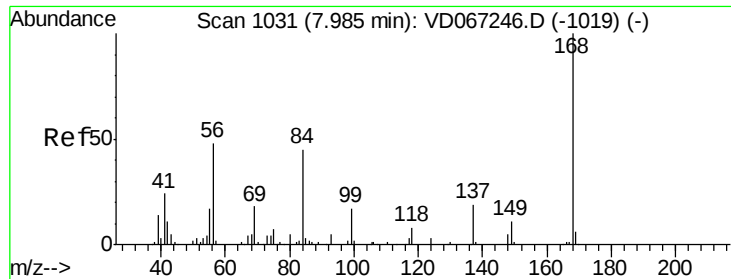
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 19 19:13:29 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067491.D

Acq: 02 Nov 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

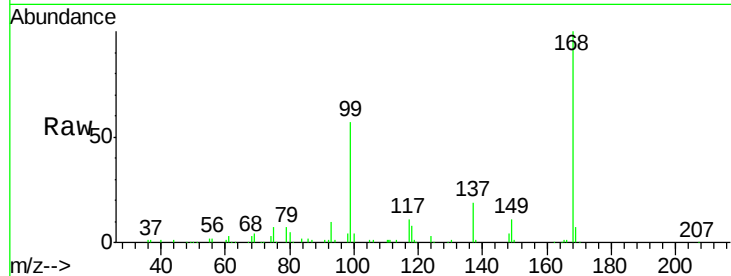
124031

Tot Ion:168 Resp: 212097

Ion Ratio Lower Upper

168 100

99 56.9 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

100000

80000

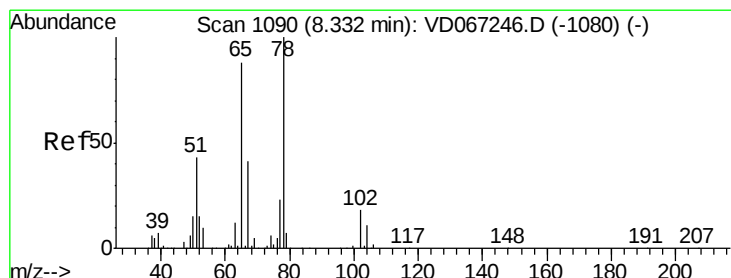
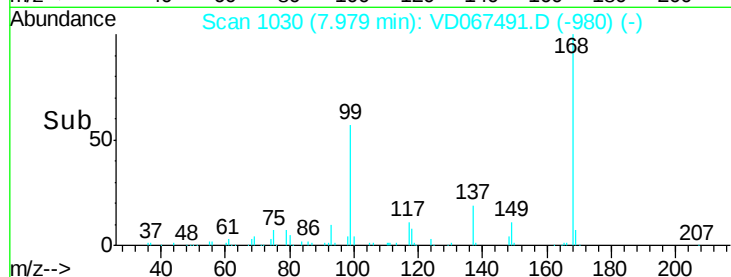
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 60.455 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067491.D

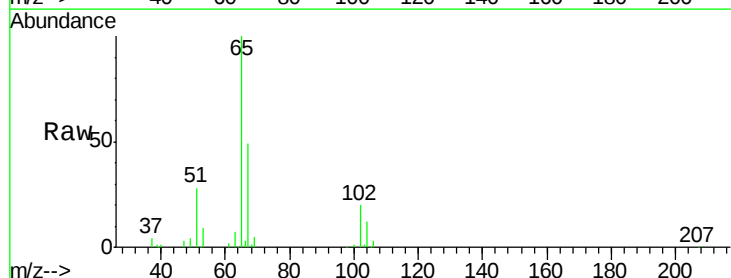
Acq: 02 Nov 2020 15:04

Tgt Ion: 65 Resp: 128460

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

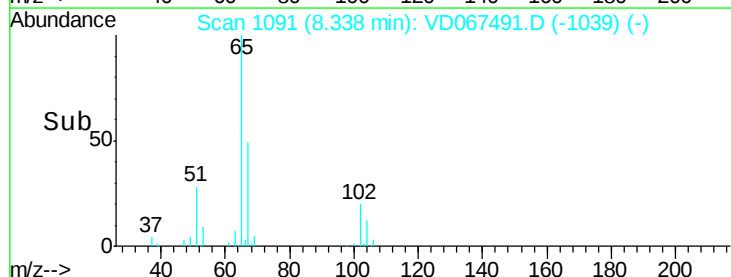
60000

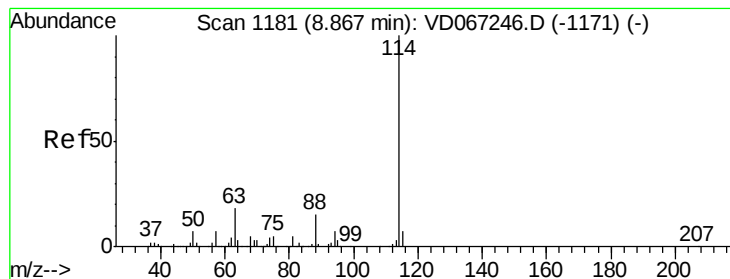
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067491.D

Acq: 02 Nov 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

124031

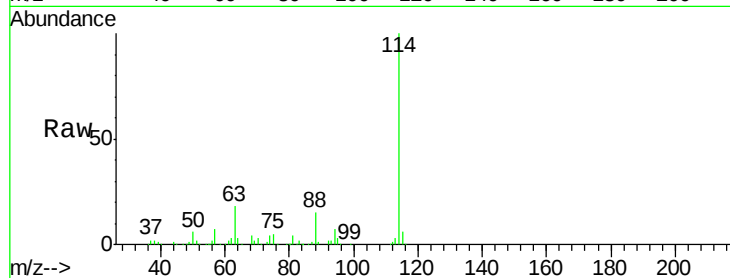
Tot Ion:114 Resp: 349749

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

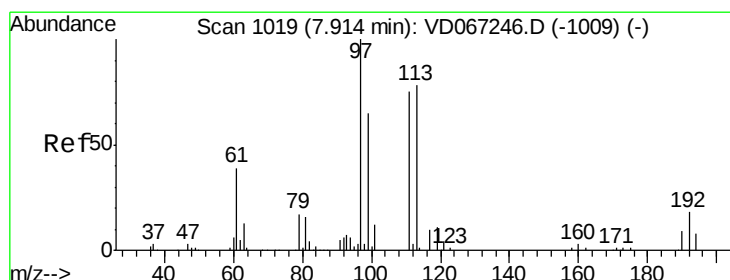
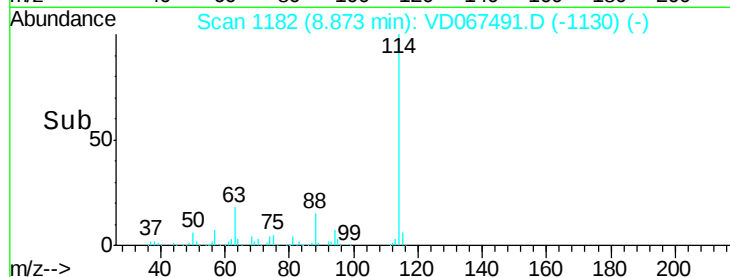
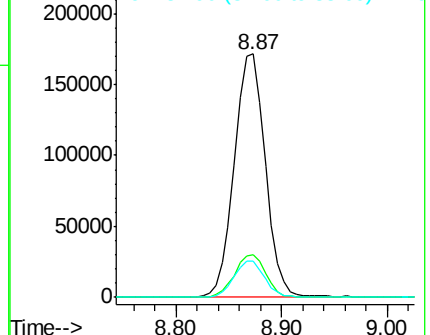
88 15.1 0.0 30.6



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



#35

Dibromofluoromethane

Concen: 50.967 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067491.D

Acq: 02 Nov 2020 15:04

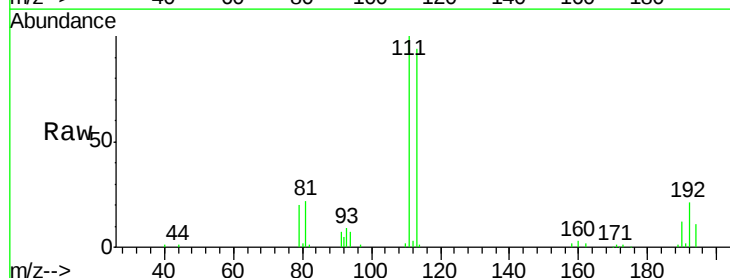
Tgt Ion:113 Resp: 118629

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

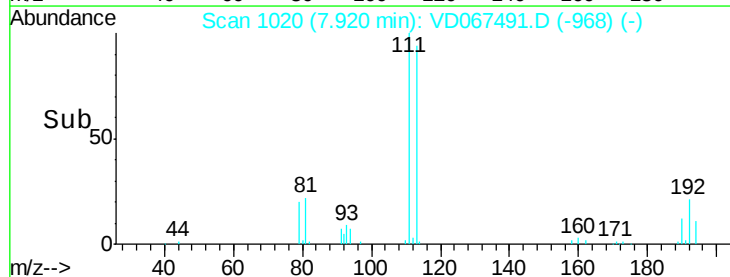
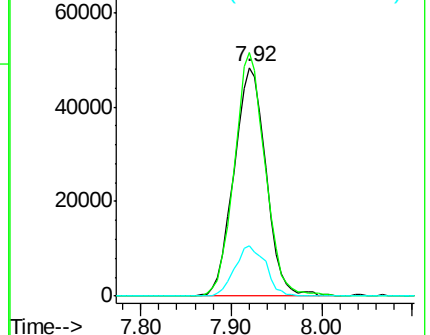
192 21.3 17.0 25.4

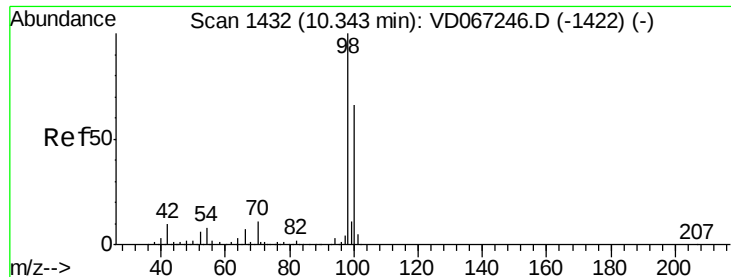


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.752 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067491.D

Acq: 02 Nov 2020 15:04

Instrument :

MSVOA_D

ClientSampleId :

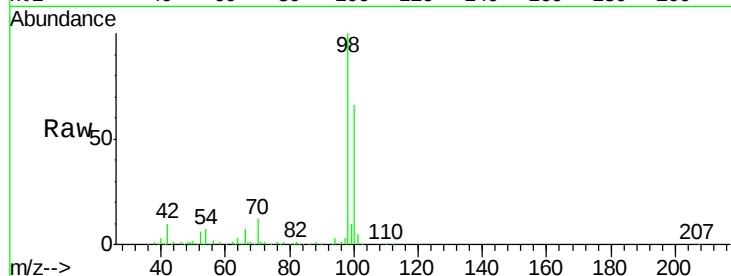
124031

Tot Ion: 98 Resp: 419079

Ion Ratio Lower Upper

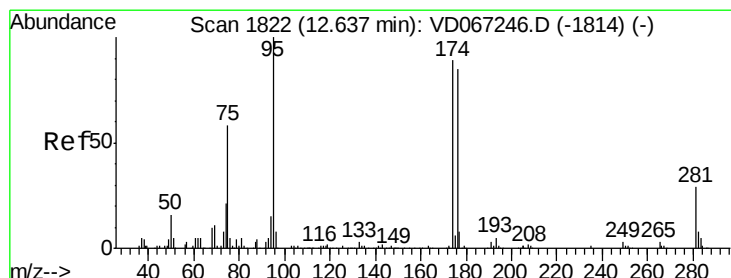
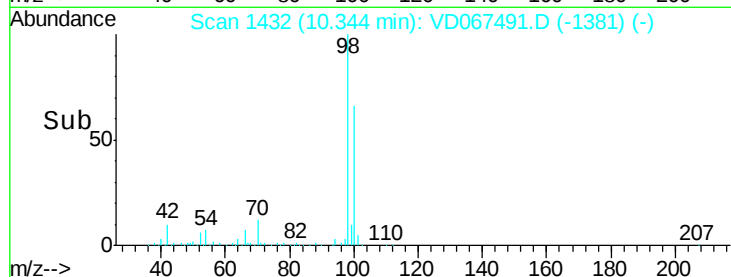
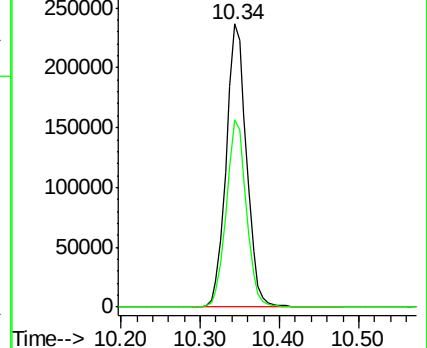
98 100

100 65.1 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: 53.202 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067491.D

Acq: 02 Nov 2020 15:04

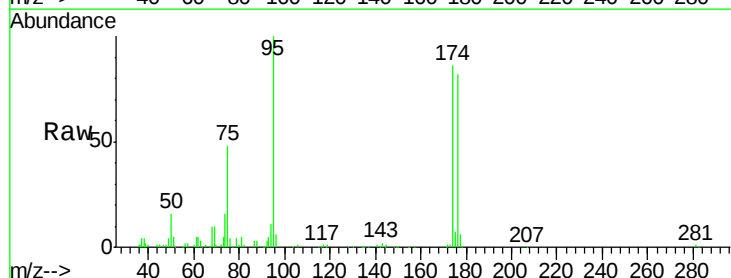
Tgt Ion: 95 Resp: 155827

Ion Ratio Lower Upper

95 100

174 90.7 0.0 175.2

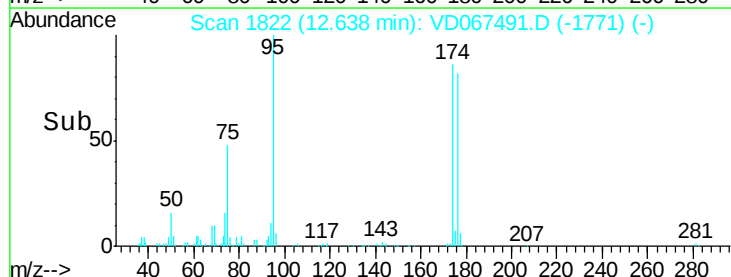
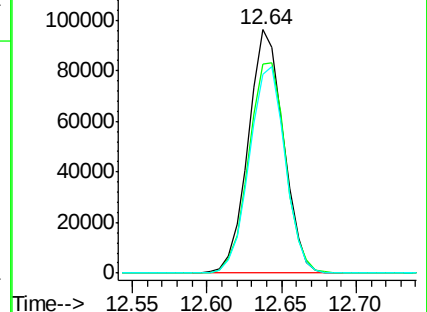
176 86.9 0.0 168.6

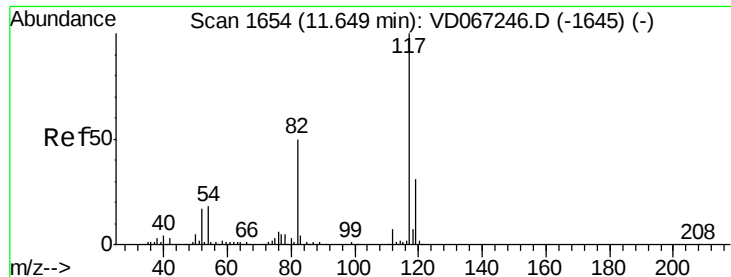


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

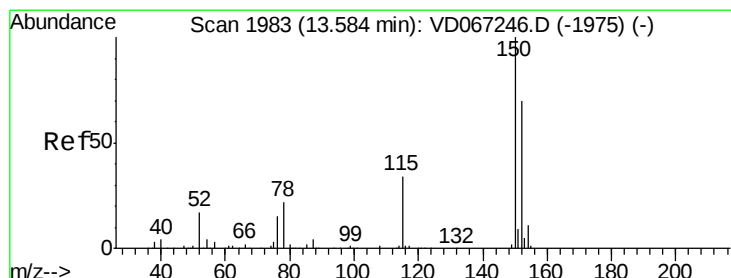
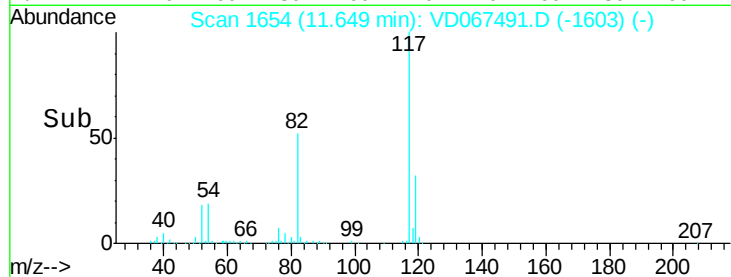
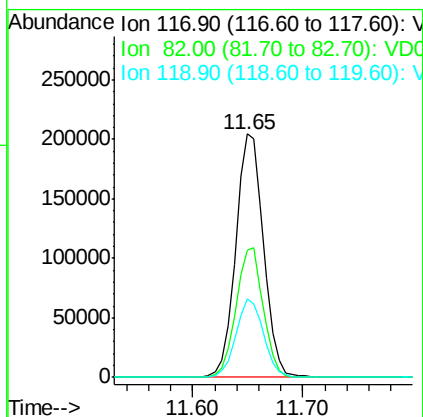
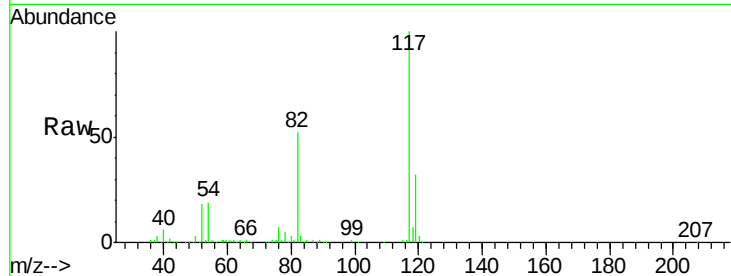




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067491.D
Acq: 02 Nov 2020 15:04

Instrument :
MSVOA_D
ClientSampleId :
124031

Tot Ion:117 Resp: 360000
Ion Ratio Lower Upper
117 100
82 52.3 39.9 59.9
119 32.4 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: VD067491.D
Acq: 02 Nov 2020 15:04

Tgt Ion:152 Resp: 177199
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.9
150 161.4 0.0 339.0

