

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067497.D
 Acq On : 02 Nov 2020 17:47
 Operator : VA/SY
 Sample : L4531-02
 Misc : 5.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1916-GC-GRAB-B

Quant Time: Nov 03 01:03:10 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	290404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	479344	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	486743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	238125	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	143116	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.92	113	153993	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
50) Toluene-d8	10.34	98	572851	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.64	95	205462	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

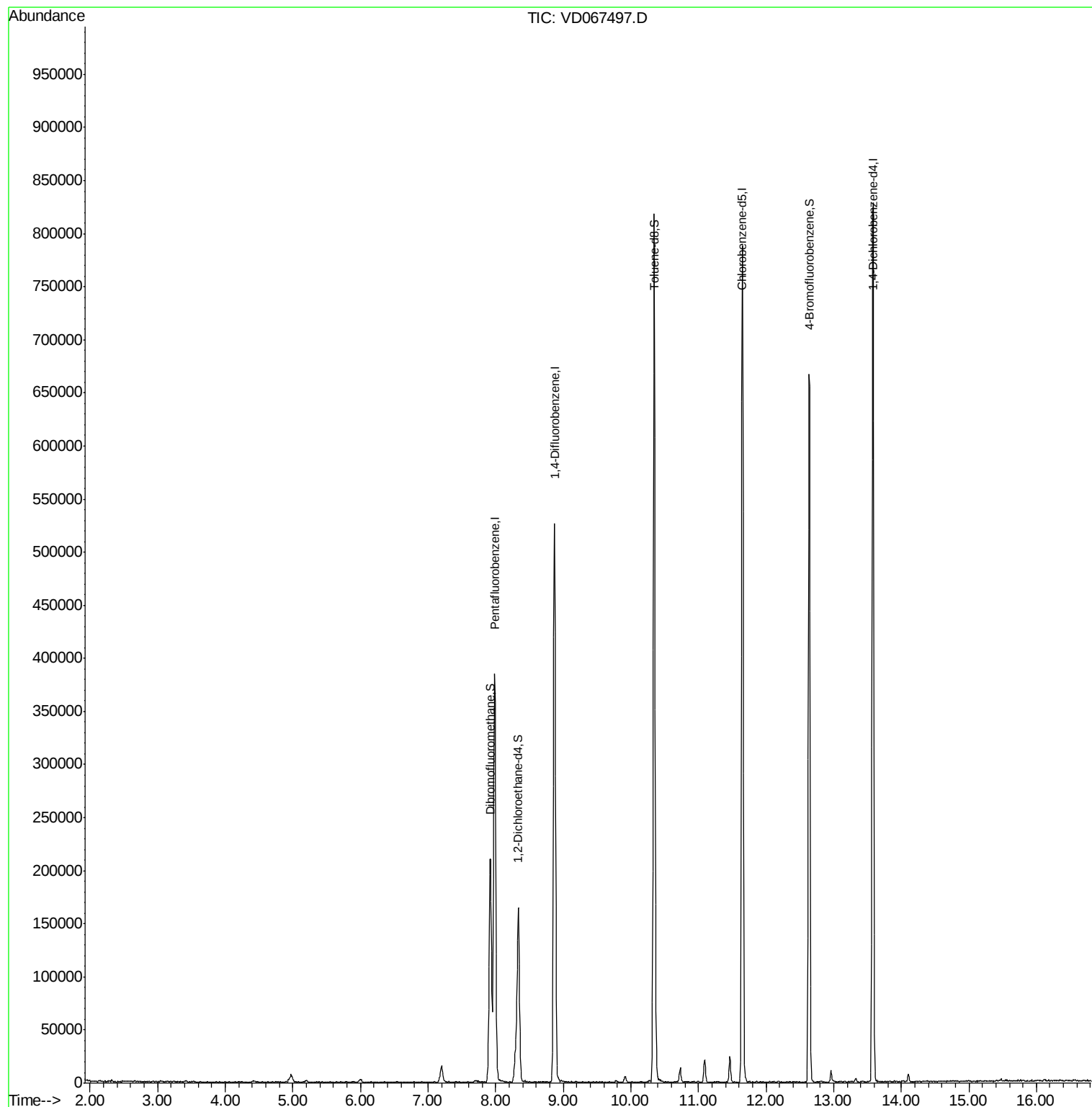
Target Compounds	Qvalue
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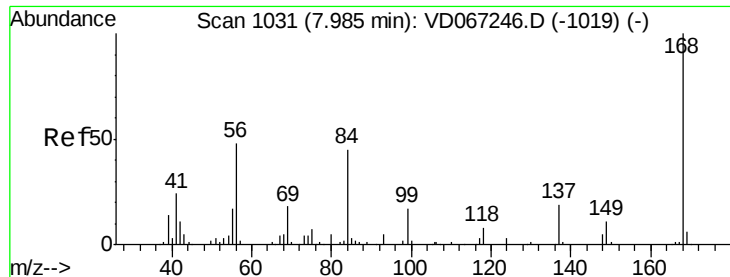
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067497.D

Acq: 02 Nov 2020 17:47

Instrument :

MSVOA_D

ClientSampleId :

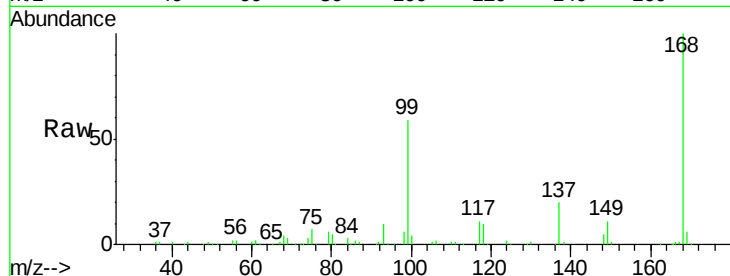
TP-1916-GC-GRAB-B

Tot Ion:168 Resp: 290404

Ion Ratio Lower Upper

168 100

99 58.7 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

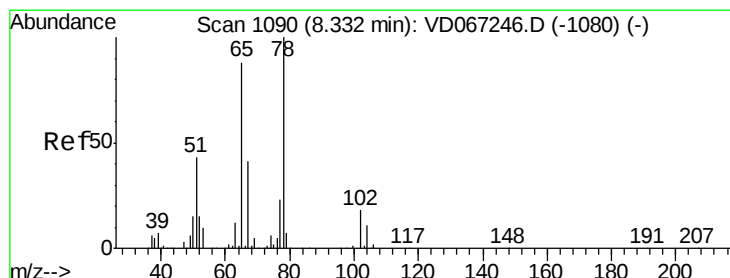
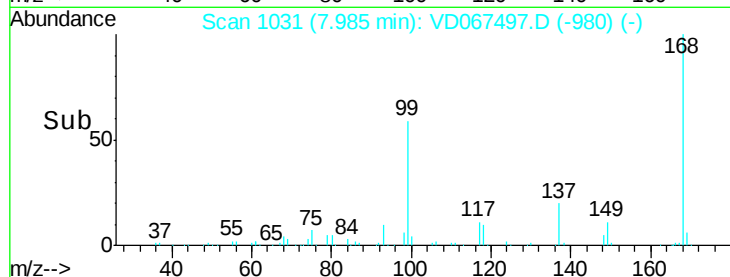
100000

50000

0

Time-->

7.90 7.95 8.00 8.05



#33

1,2-Dichloroethane-d4

Concen: 49.191 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067497.D

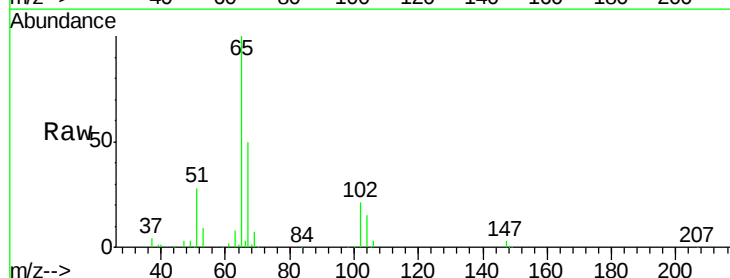
Acq: 02 Nov 2020 17:47

Tgt Ion: 65 Resp: 143116

Ion Ratio Lower Upper

65 100

67 48.3 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

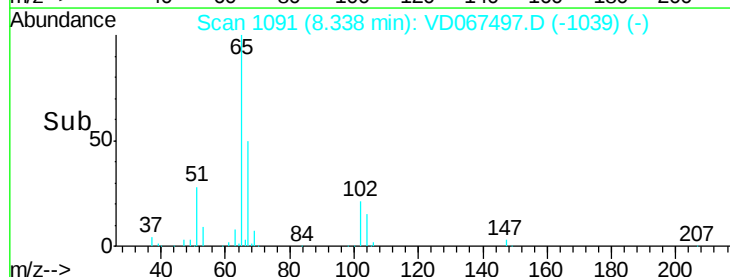
40000

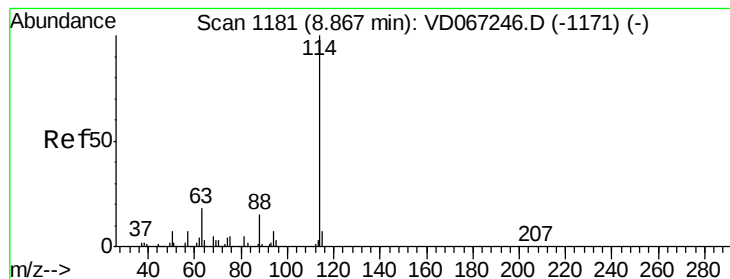
20000

0

Time-->

8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VD067497.D

Acq: 02 Nov 2020 17:47

Instrument :

MSVOA_D

ClientSampleId :

TP-1916-GC-GRAB-B

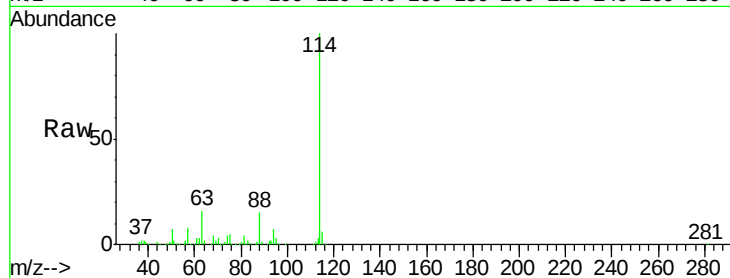
Tot Ion:114 Resp: 479344

Ion Ratio Lower Upper

114 100

63 15.8 0.0 35.0

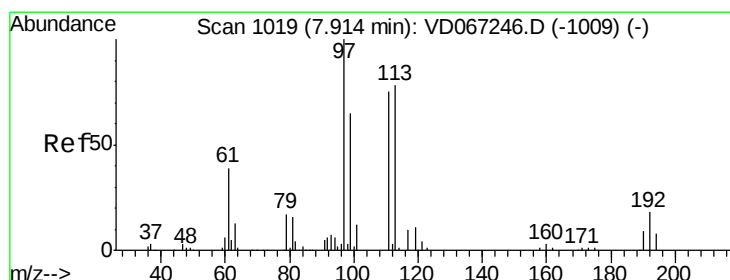
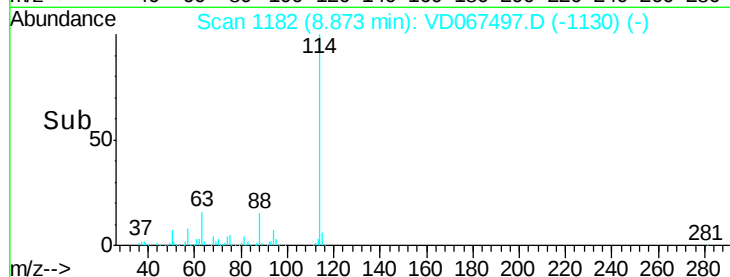
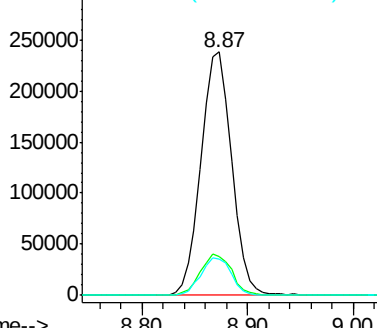
88 15.1 0.0 30.6



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: 48.273 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067497.D

Acq: 02 Nov 2020 17:47

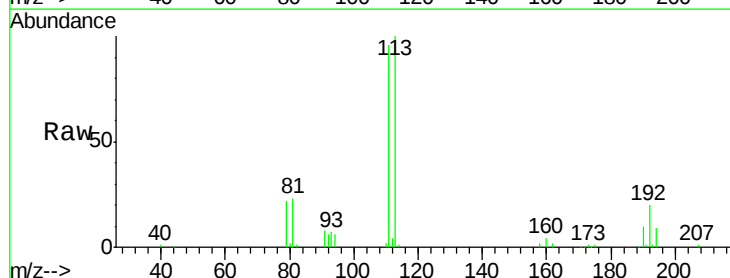
Tgt Ion:113 Resp: 153993

Ion Ratio Lower Upper

113 100

111 100.0 81.6 122.4

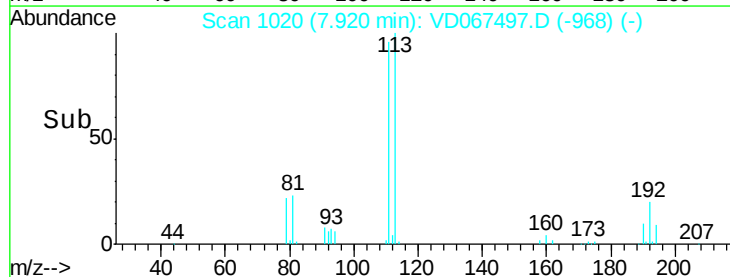
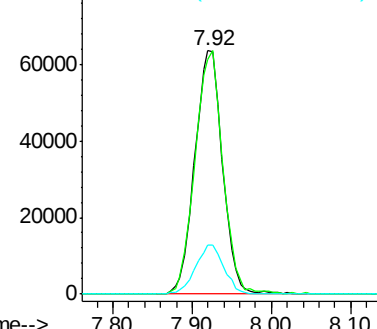
192 20.6 17.0 25.4

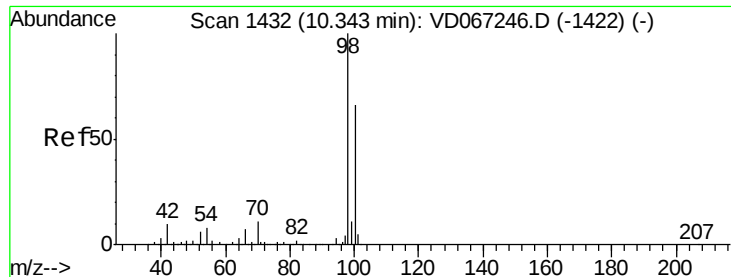


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.621 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067497.D

Acq: 02 Nov 2020 17:47

Instrument :

MSVOA_D

ClientSampleId :

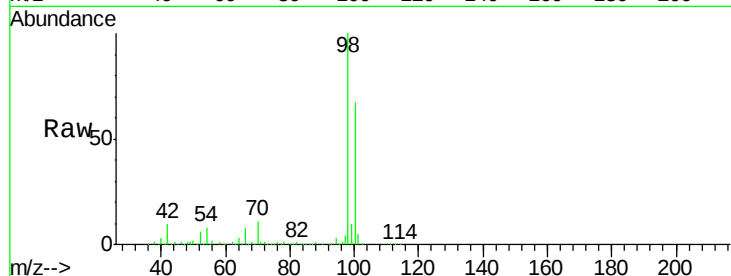
TP-1916-GC-GRAB-B

Tot Ion: 98 Resp: 572851

Ion Ratio Lower Upper

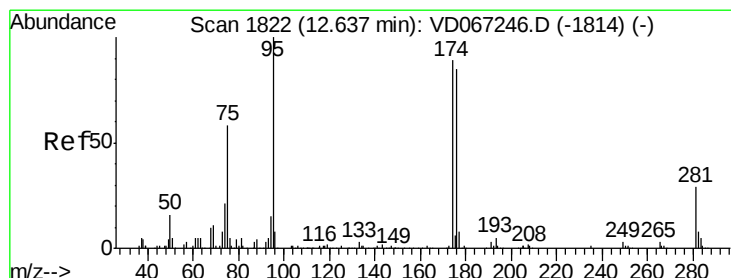
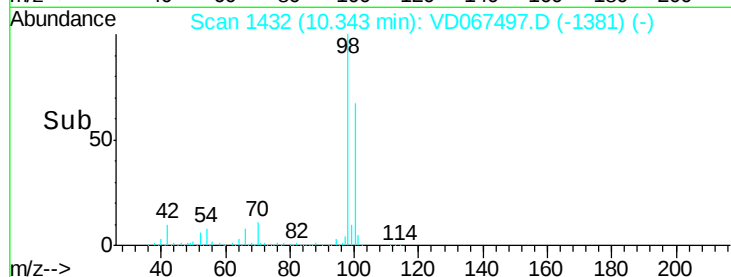
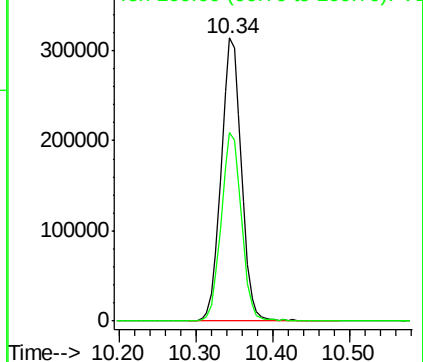
98 100

100 66.6 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: 51.183 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067497.D

Acq: 02 Nov 2020 17:47

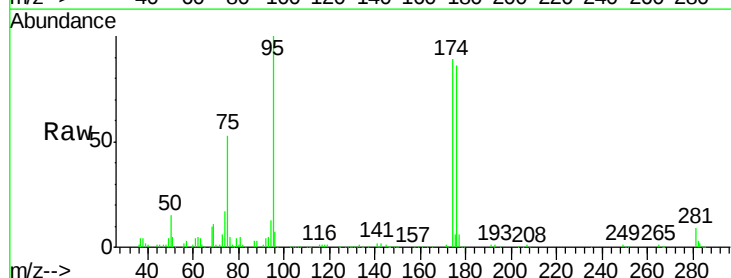
Tgt Ion: 95 Resp: 205462

Ion Ratio Lower Upper

95 100

174 90.9 0.0 175.2

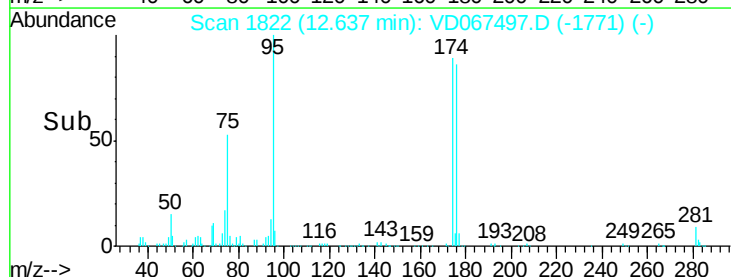
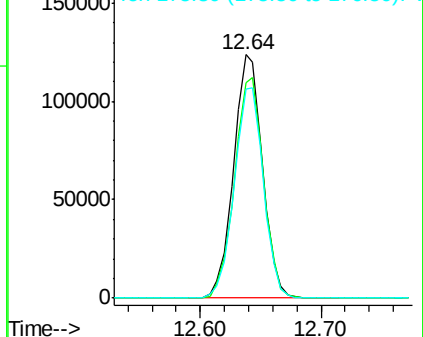
176 87.1 0.0 168.6

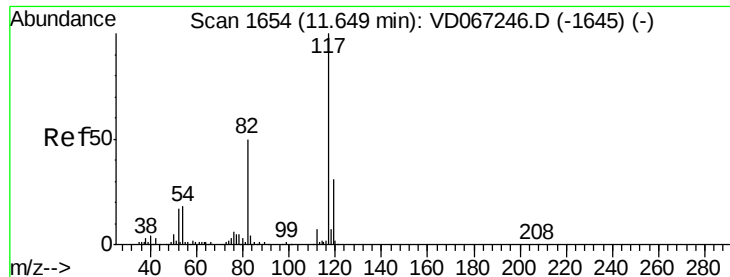


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

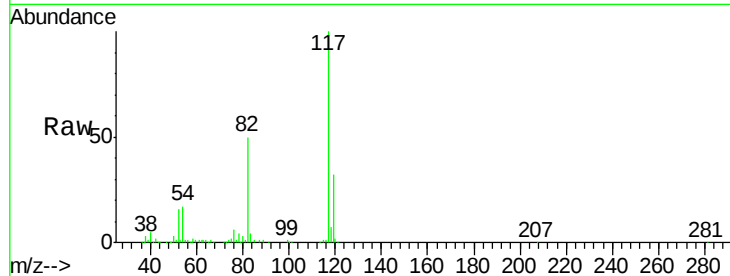




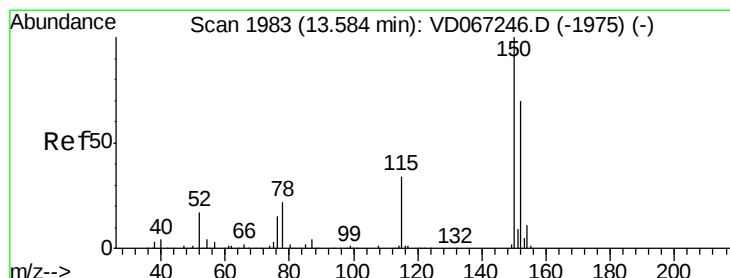
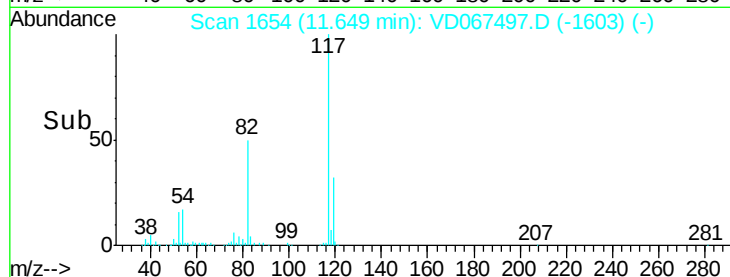
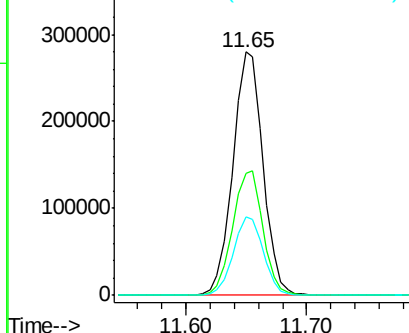
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067497.D
Acq: 02 Nov 2020 17:47

Instrument :
MSVOA_D
ClientSampleId :
TP-1916-GC-GRAB-B

Tot Ion:117 Resp: 486743
Ion Ratio Lower Upper
117 100
82 50.3 39.9 59.9
119 32.1 24.9 37.3

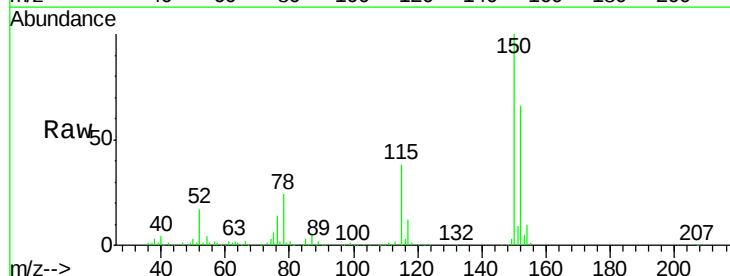


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067497.D
Acq: 02 Nov 2020 17:47

Tgt Ion:152 Resp: 238125
Ion Ratio Lower Upper
152 100
115 59.7 29.3 87.9
150 154.9 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

