

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103020\
 Data File : VD067474.D
 Acq On : 30 Oct 2020 15:44
 Operator : VA/SY
 Sample : L4552-03
 Misc : 5.04G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VW-STONE-B

Quant Time: Oct 30 15:01:49 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	313768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	494405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	488450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	243246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	143546	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	
35) Dibromofluoromethane	7.92	113	157349	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
50) Toluene-d8	10.34	98	586971	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.64	95	204434	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

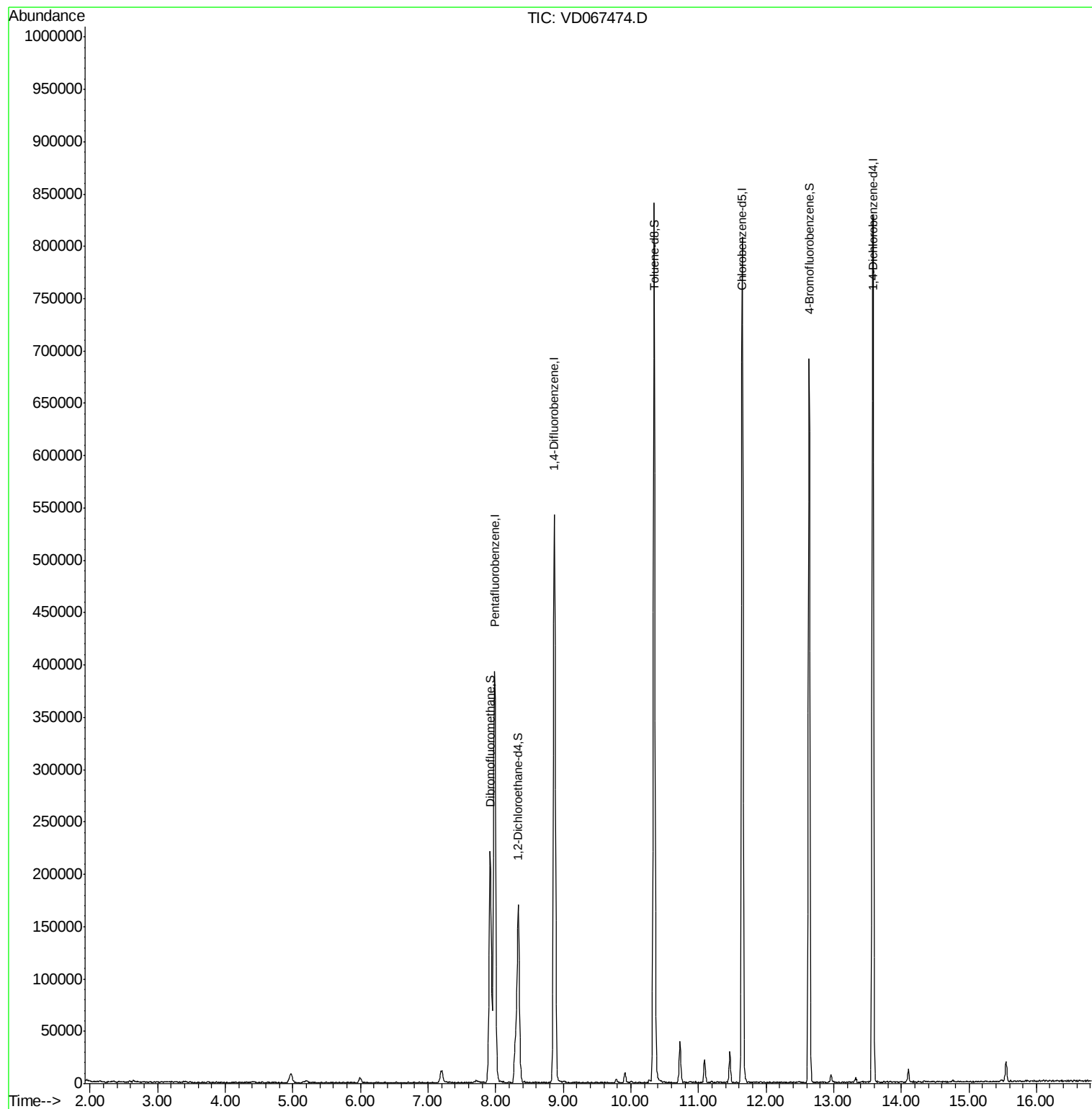
Target Compounds	Qvalue

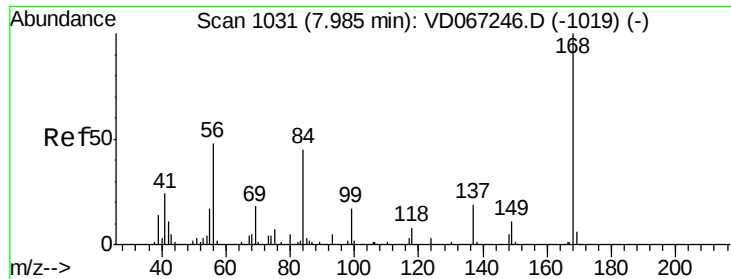
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067474.D

Acq: 30 Oct 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

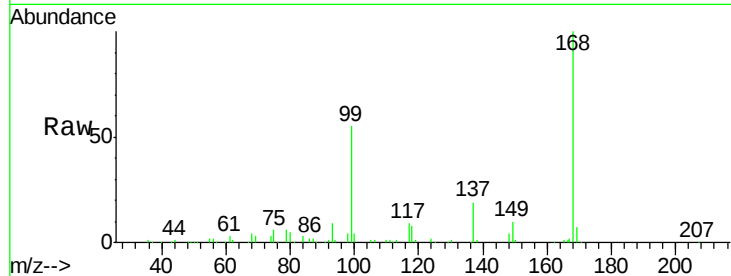
VW-STONE-B

Tot Ion:168 Resp: 313768

Ion Ratio Lower Upper

168 100

99 54.6 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

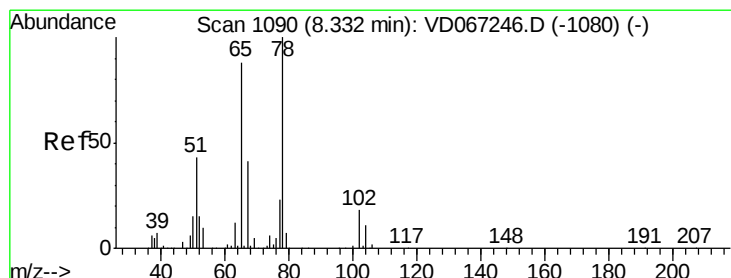
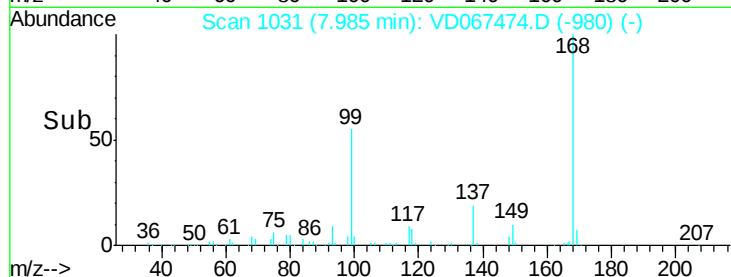
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.665 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067474.D

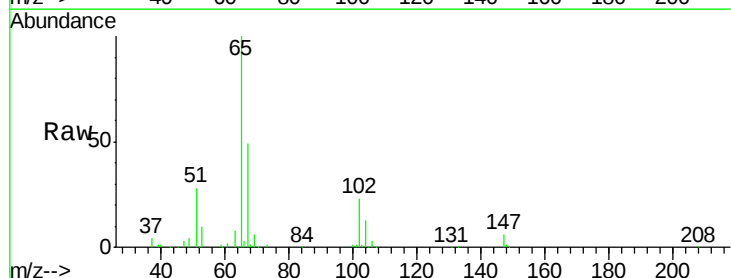
Acq: 30 Oct 2020 15:44

Tgt Ion: 65 Resp: 143546

Ion Ratio Lower Upper

65 100

67 50.5 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

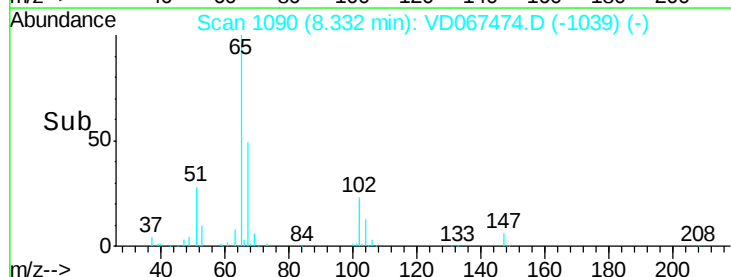
60000

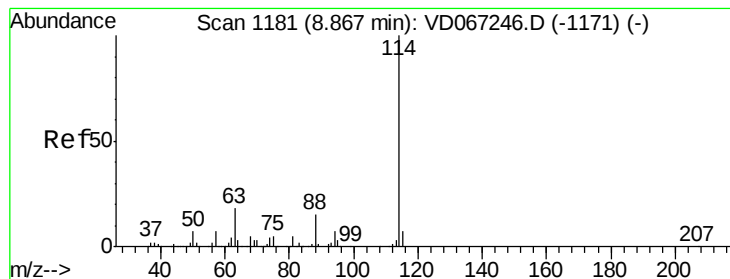
40000

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: VD067474.D

Acq: 30 Oct 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

VW-STONE-B

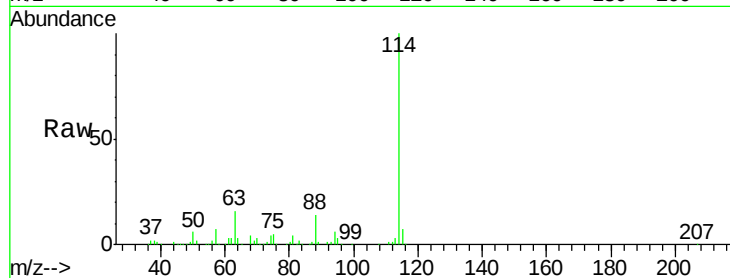
Tot Ion:114 Resp: 494405

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

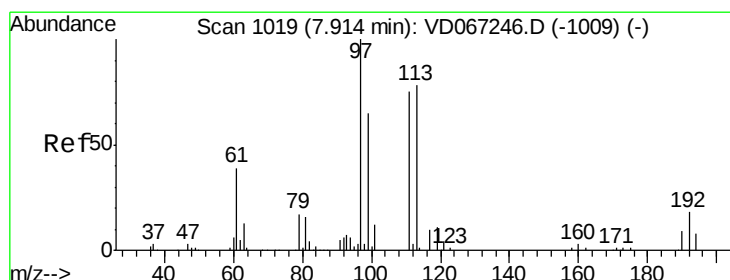
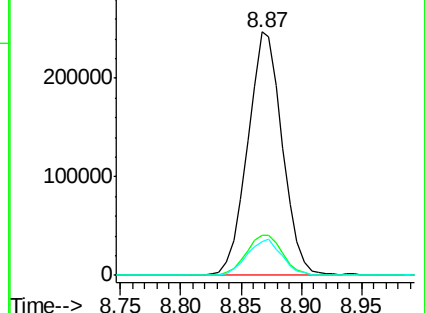
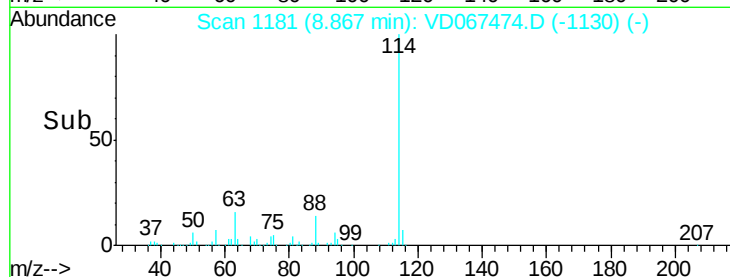
88 14.0 0.0 30.6



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: 47.823 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067474.D

Acq: 30 Oct 2020 15:44

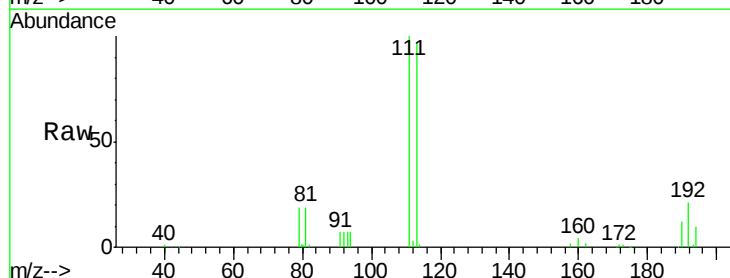
Tgt Ion:113 Resp: 157349

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

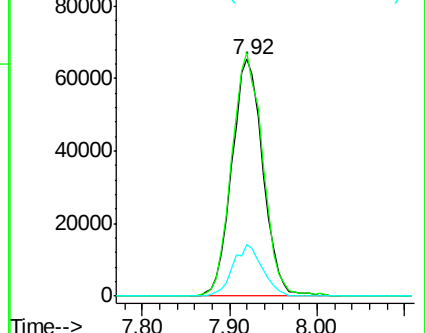
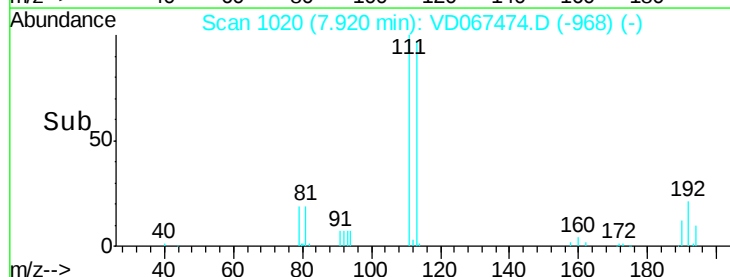
192 20.6 17.0 25.4

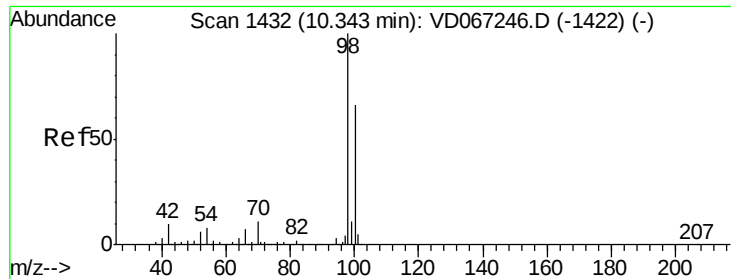


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.295 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067474.D

Acq: 30 Oct 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

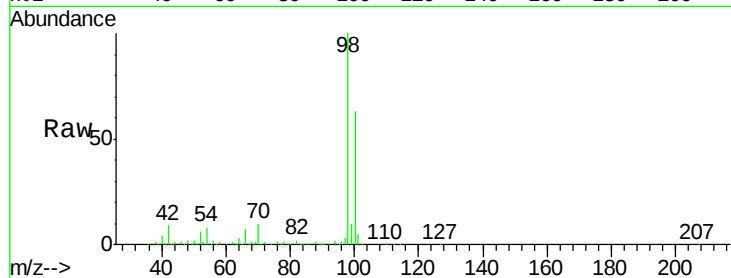
VW-STONE-B

Tot Ion: 98 Resp: 586971

Ion Ratio Lower Upper

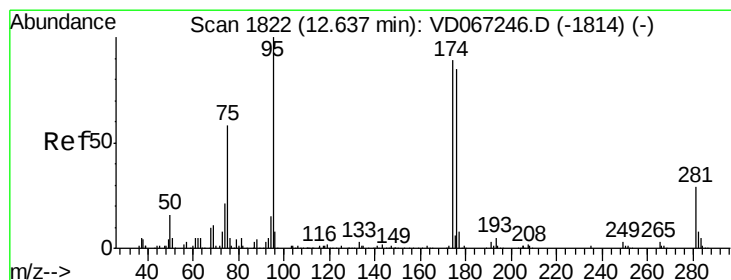
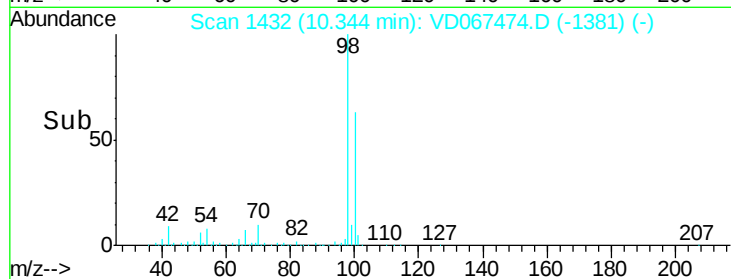
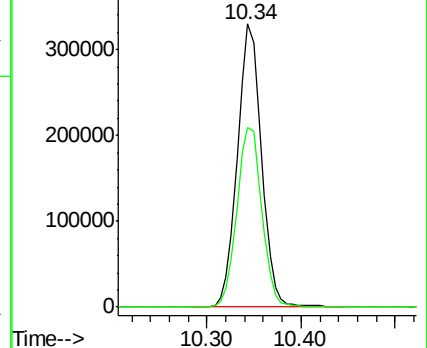
98 100

100 65.7 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: 49.376 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067474.D

Acq: 30 Oct 2020 15:44

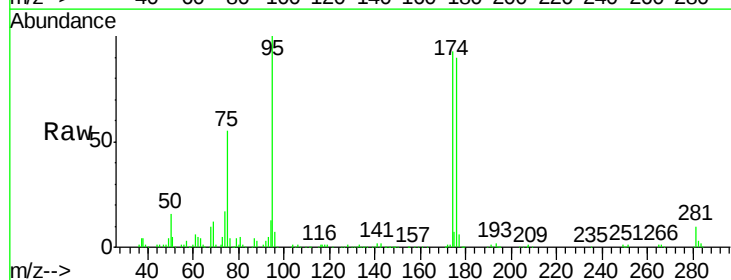
Tgt Ion: 95 Resp: 204434

Ion Ratio Lower Upper

95 100

174 91.1 0.0 175.2

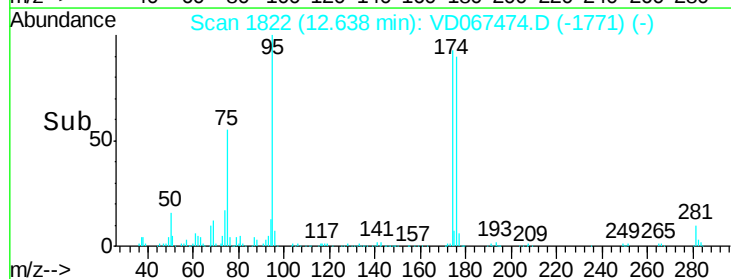
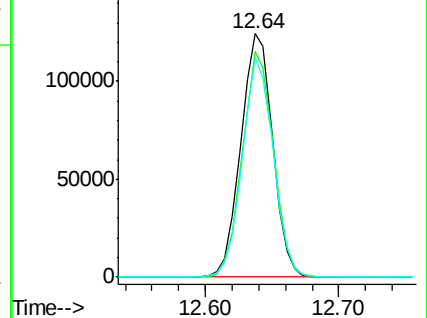
176 87.8 0.0 168.6

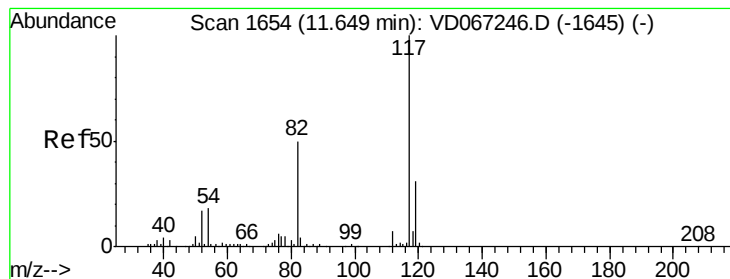


Abundance Ion 94.90 (94.60 to 95.60): VDC

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: VD067474.D

Acq: 30 Oct 2020 15:44

Instrument :

MSVOA_D

ClientSampleId :

VW-STONE-B

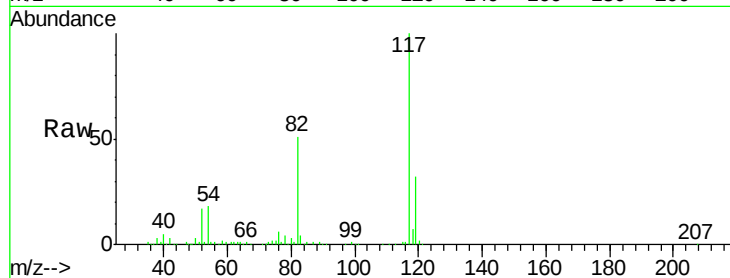
Tot Ion:117 Resp: 488450

Ion Ratio Lower Upper

117 100

82 50.8 39.9 59.9

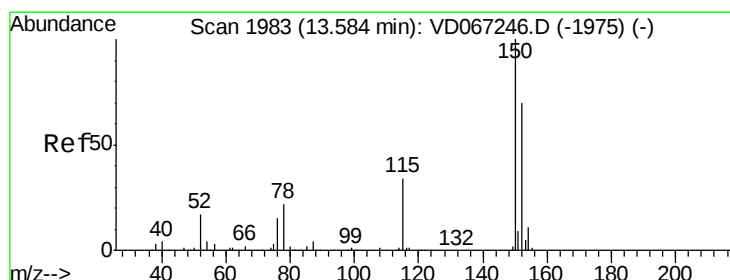
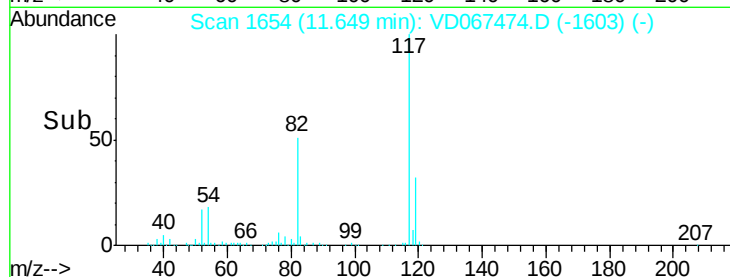
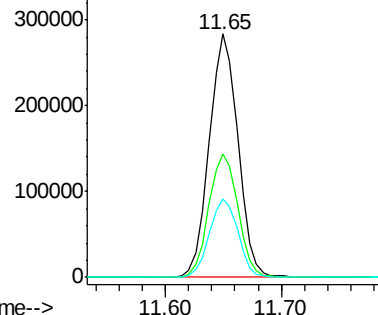
119 32.2 24.9 37.3



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# 1982

Delta R.T. -0.01 min

Lab File: VD067474.D

Acq: 30 Oct 2020 15:44

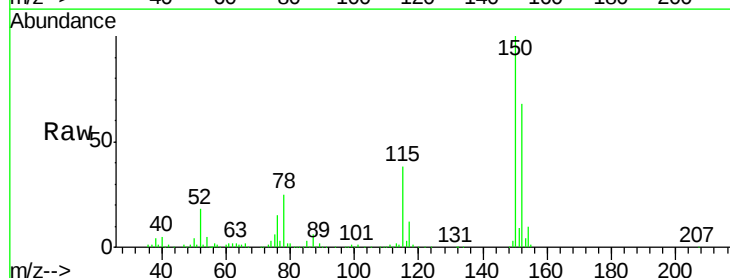
Tgt Ion:152 Resp: 243246

Ion Ratio Lower Upper

152 100

115 57.3 29.3 87.9

150 153.4 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

