

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067418.D
 Acq On : 27 Oct 2020 18:14
 Operator : VA/SY
 Sample : L4527-05
 Misc : 4.73G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-232

Quant Time: Oct 28 01:38:16 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	183618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	319548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	342442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	153060	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	119853	65.15	ug/l	0.00
Spiked Amount			Recovery	=	130.30%	
35) Dibromofluoromethane	7.92	113	112650	52.97	ug/l	0.00
Spiked Amount			Recovery	=	105.94%	
50) Toluene-d8	10.34	98	395148	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.64	95	156592	58.52	ug/l	0.00
Spiked Amount			Recovery	=	117.04%	

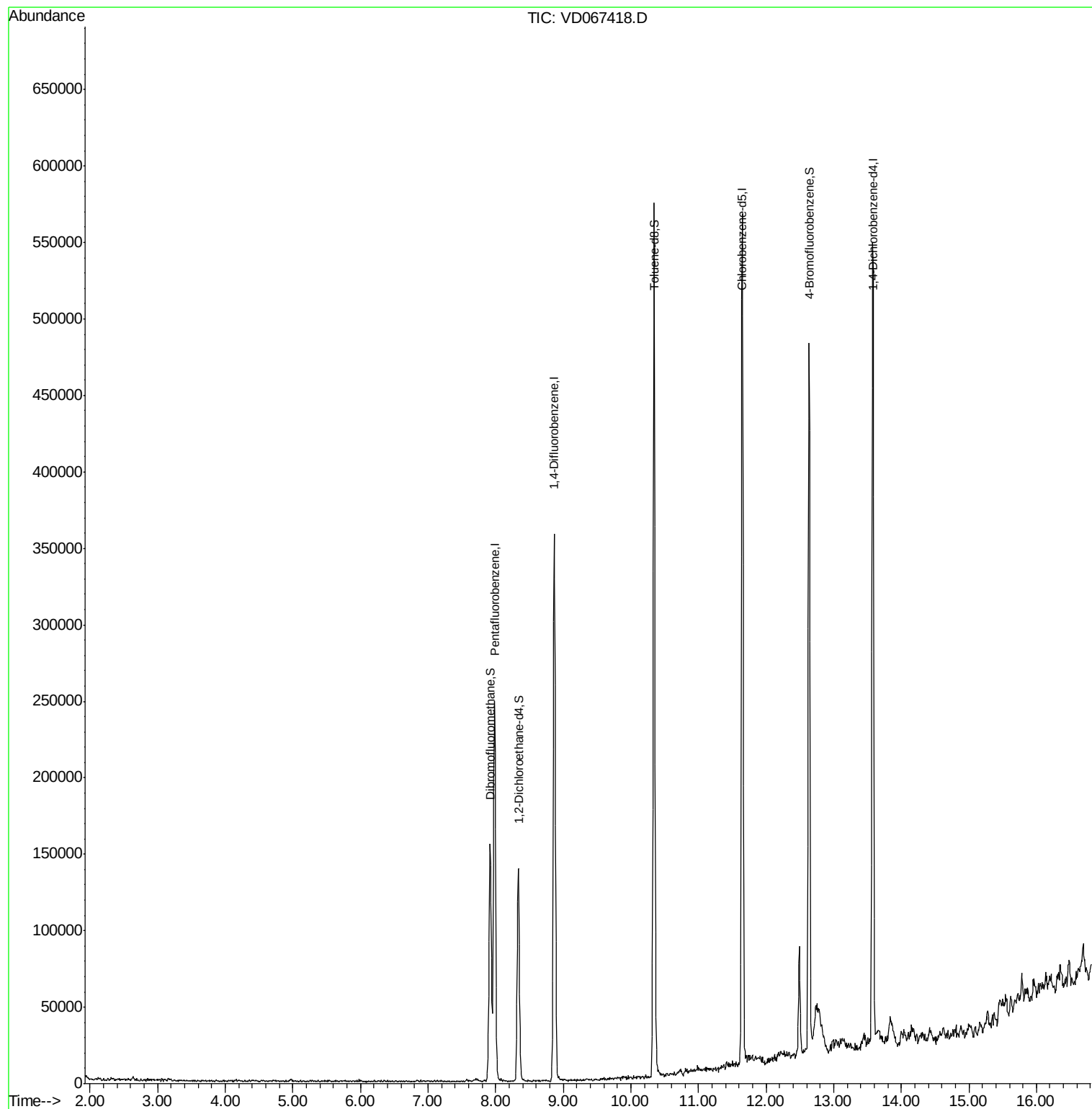
Target Compounds	Qvalue
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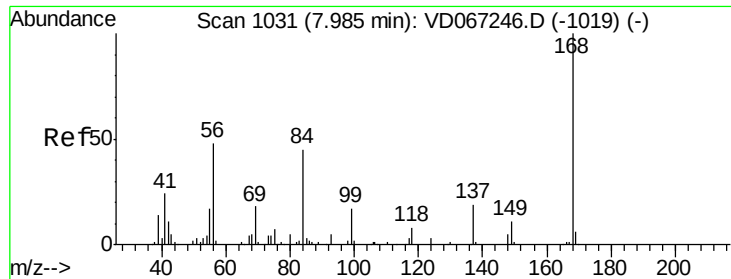
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067418.D

Acq: 27 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

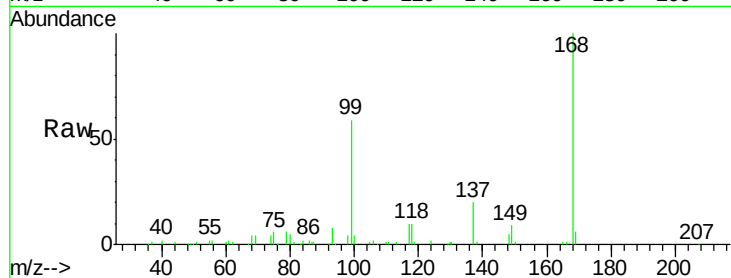
VNJ-232

Tot Ion:168 Resp: 183618

Ion Ratio Lower Upper

168 100

99 59.0 45.9 68.9

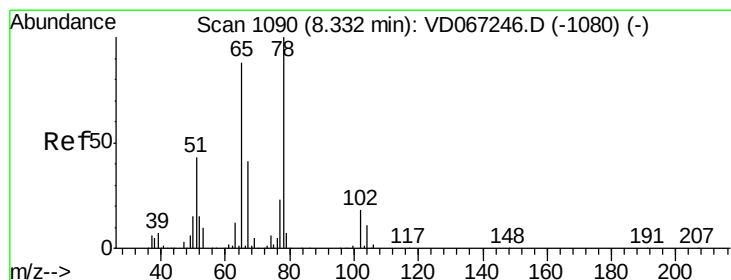
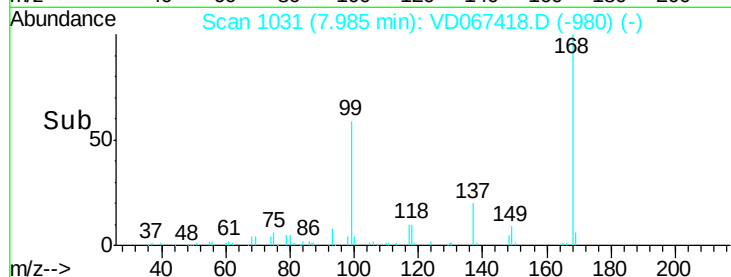


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

Time-->



#33

1,2-Dichloroethane-d4

Concen: 65.152 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067418.D

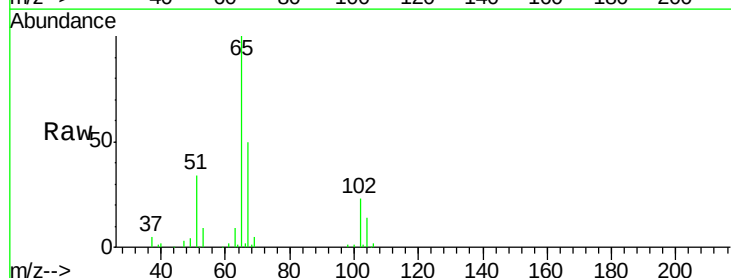
Acq: 27 Oct 2020 18:14

Tgt Ion: 65 Resp: 119853

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.8

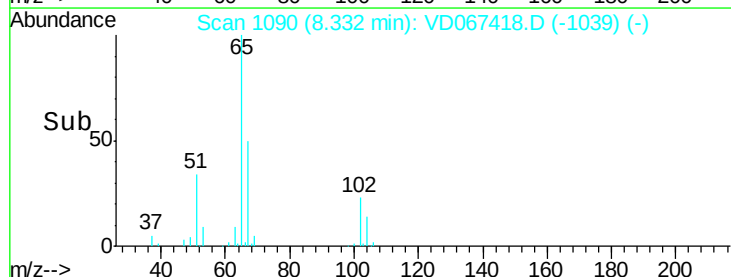


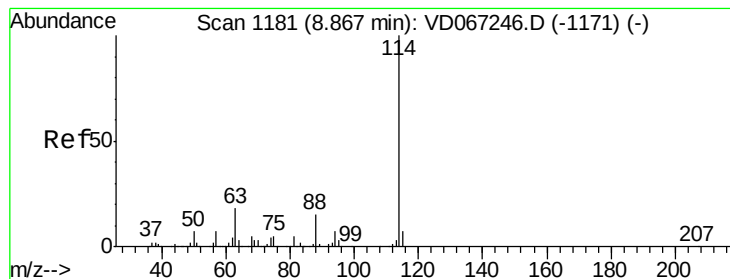
Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

VNJ-232

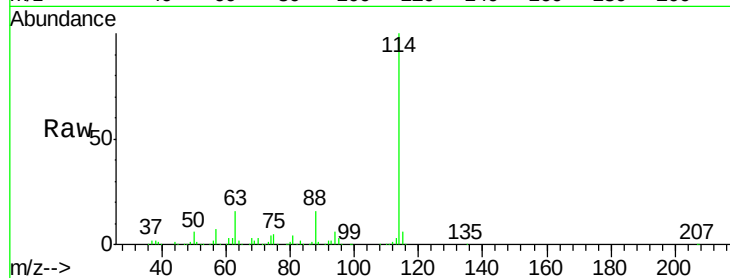
Tot Ion:114 Resp: 319548

Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

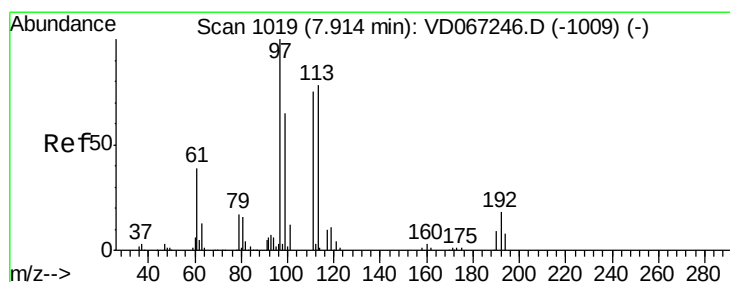
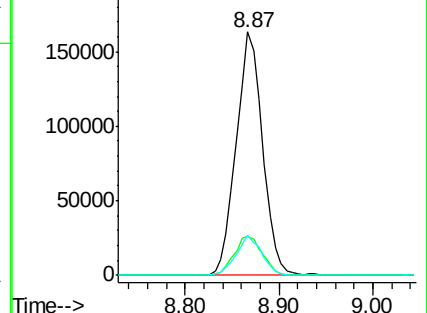
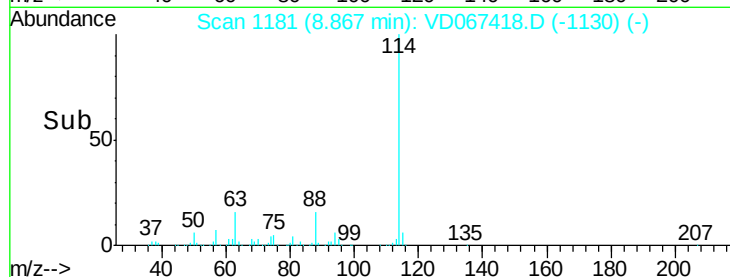
88 16.5 0.0 30.6



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: 52.972 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

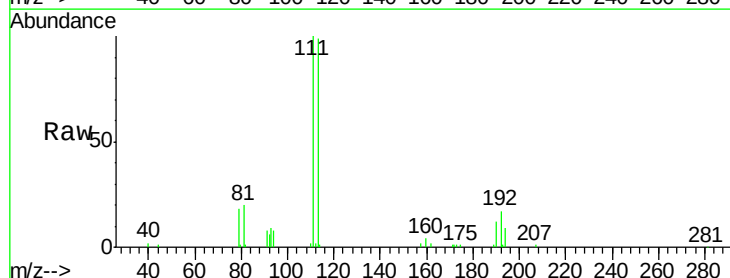
Tgt Ion:113 Resp: 112650

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

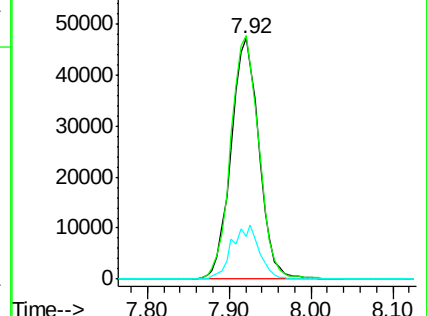
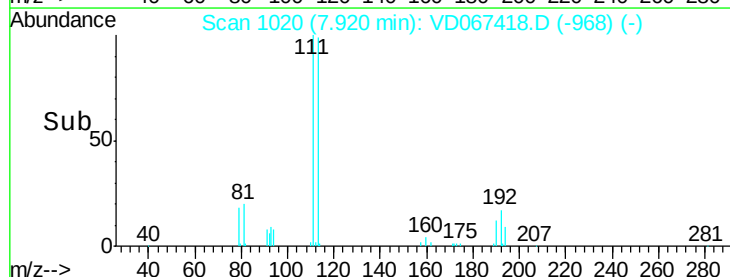
192 21.8 17.0 25.4

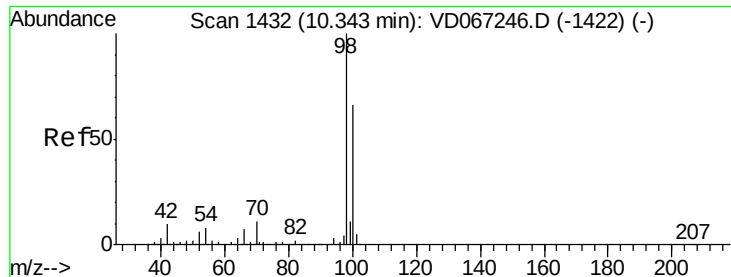


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.345 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

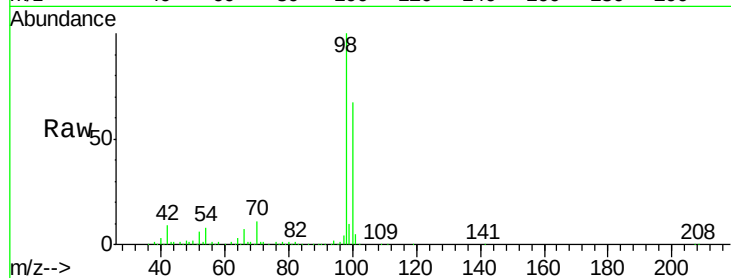
VNJ-232

Tot Ion: 98 Resp: 395148

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

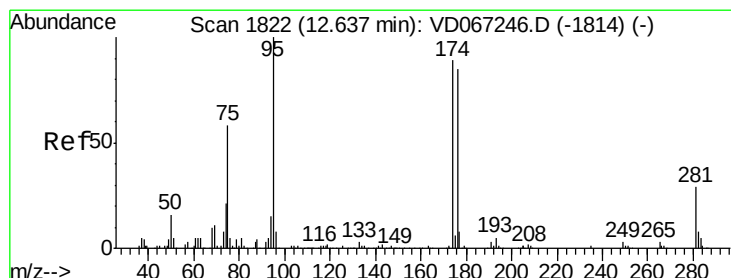
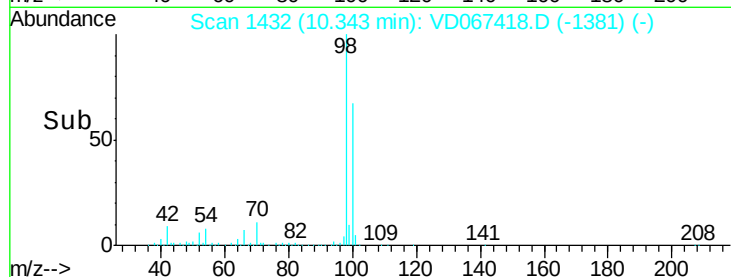
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 58.516 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067418.D

Acq: 27 Oct 2020 18:14

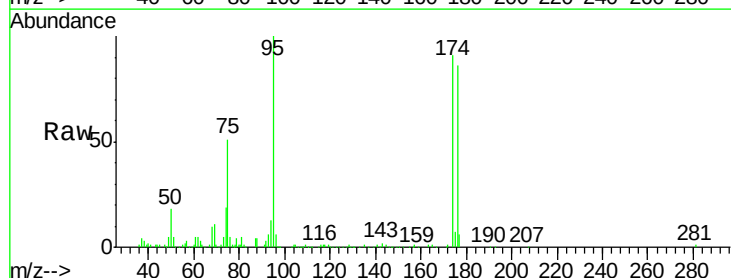
Tgt Ion: 95 Resp: 156592

Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.2

176 81.8 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

12.64

120000

100000

80000

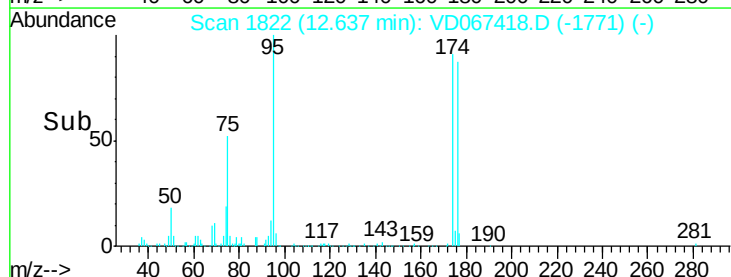
60000

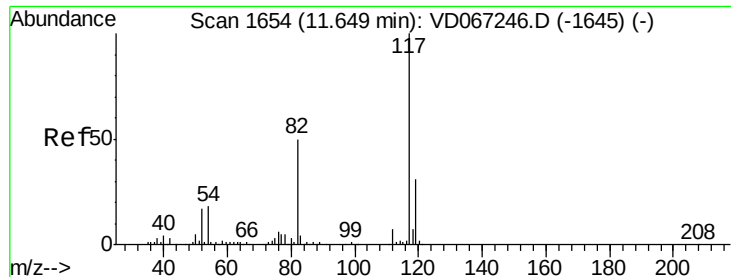
40000

20000

0

Time-->

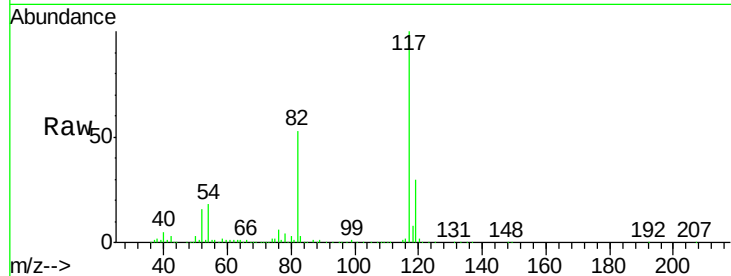




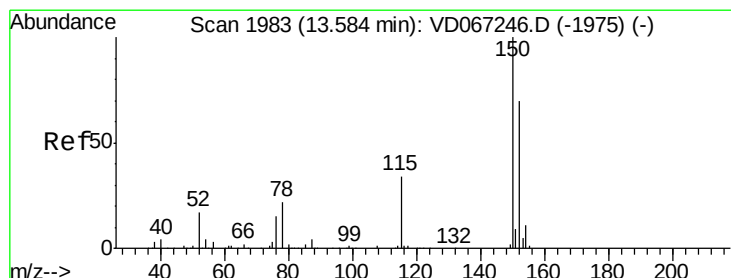
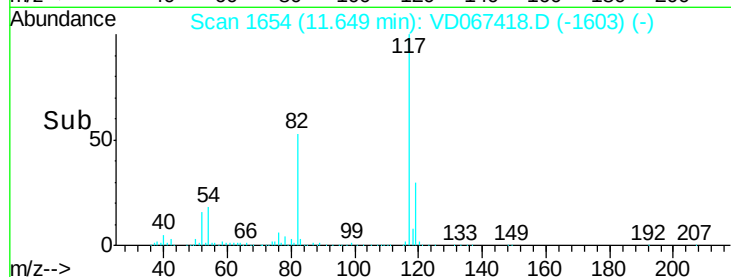
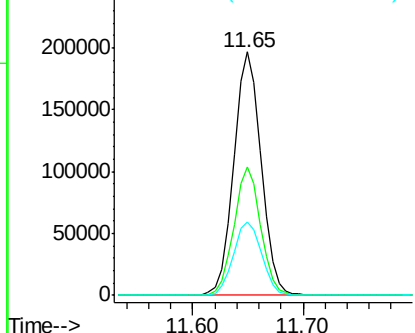
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067418.D
Acq: 27 Oct 2020 18:14

Instrument :
MSVOA_D
ClientSampleId :
VNJ-232

Tot Ion:117 Resp: 342442
Ion Ratio Lower Upper
117 100
82 52.5 39.9 59.9
119 30.0 24.9 37.3

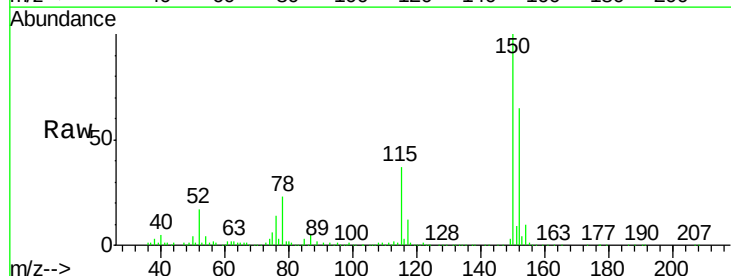


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067418.D
Acq: 27 Oct 2020 18:14

Tgt Ion:152 Resp: 153060
Ion Ratio Lower Upper
152 100
115 58.6 29.3 87.9
150 155.7 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

