

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067419.D
 Acq On : 27 Oct 2020 18:41
 Operator : VA/SY
 Sample : L4526-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-225

Quant Time: Oct 28 01:41:24 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	361187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	595219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	603073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	284318	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	190758	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.92	113	195444	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.34	98	711334	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.64	95	270291	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	

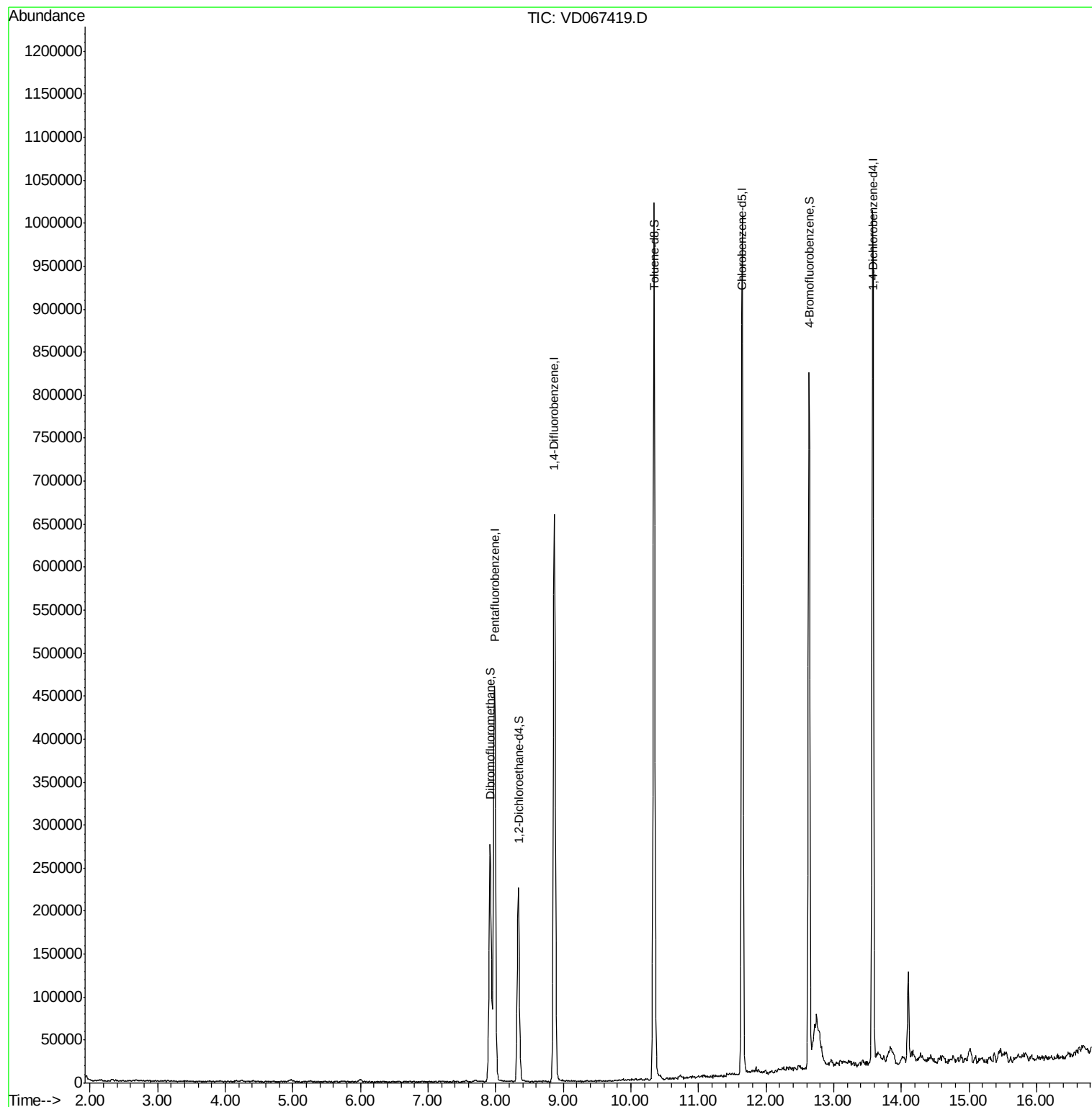
Target Compounds	Qvalue

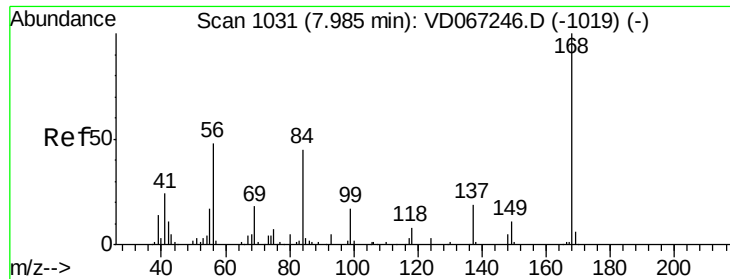
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067419.D

Acq: 27 Oct 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

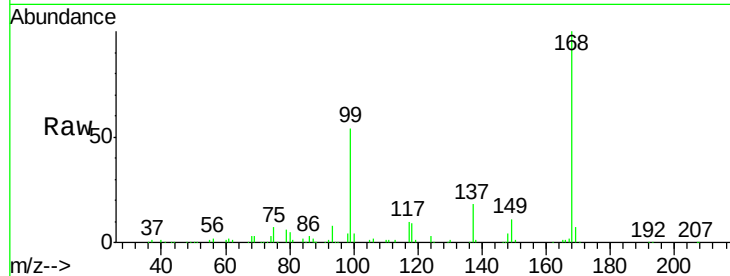
VNJ-225

Tot Ion:168 Resp: 361187

Ion Ratio Lower Upper

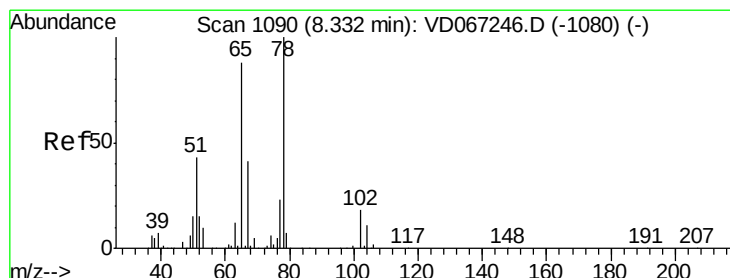
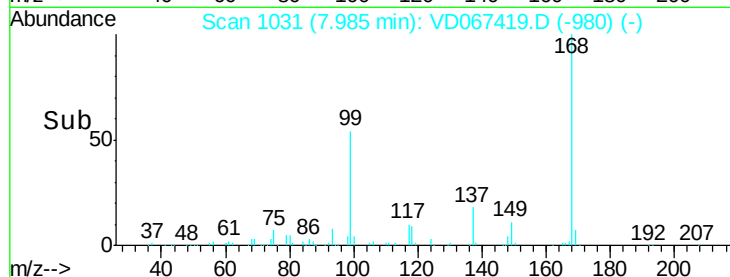
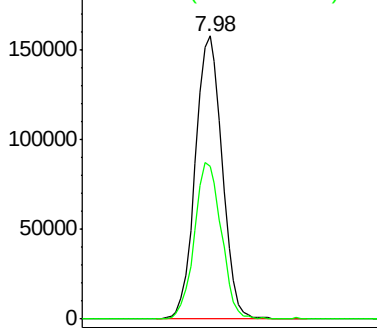
168 100

99 53.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 52.717 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067419.D

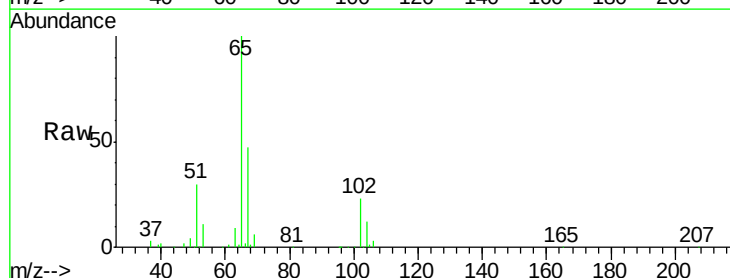
Acq: 27 Oct 2020 18:41

Tgt Ion: 65 Resp: 190758

Ion Ratio Lower Upper

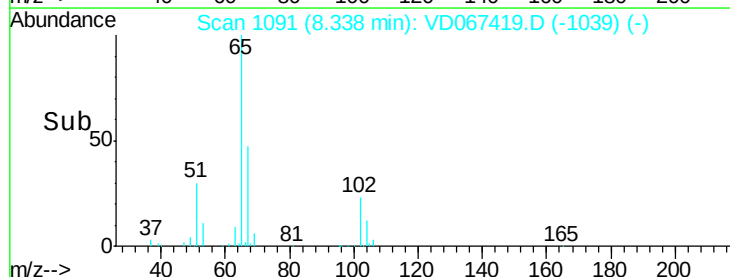
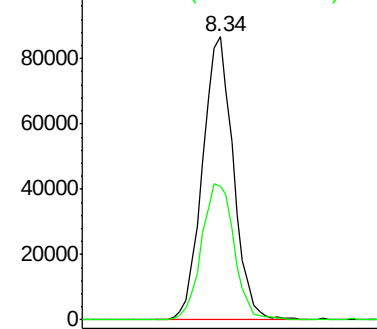
65 100

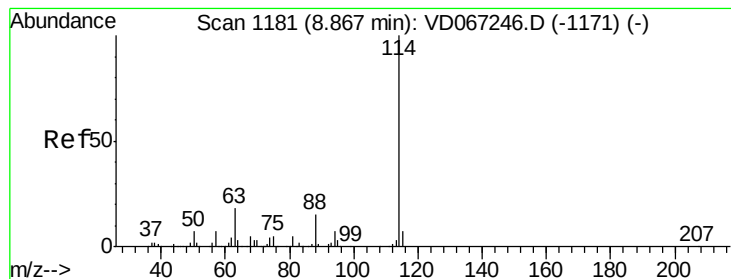
67 51.1 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

VNJ-225

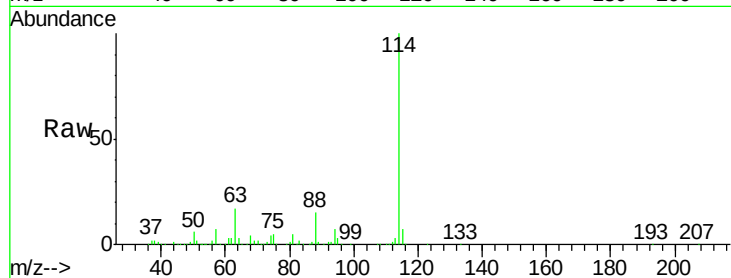
Tot Ion:114 Resp: 595219

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

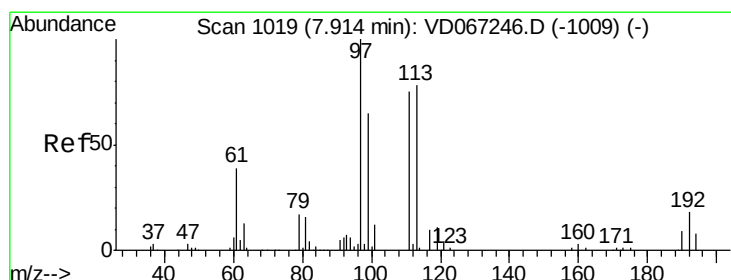
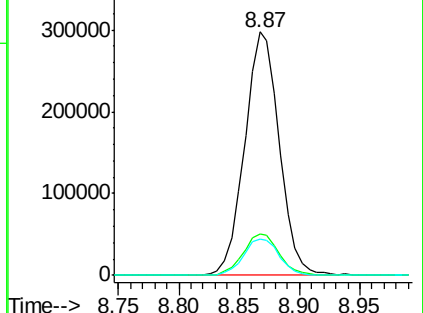
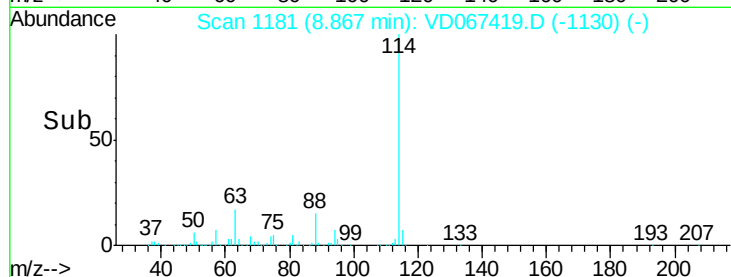
88 14.9 0.0 30.6



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: 49.340 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

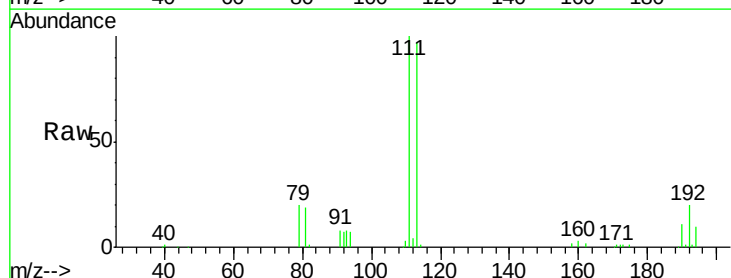
Tgt Ion:113 Resp: 195444

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

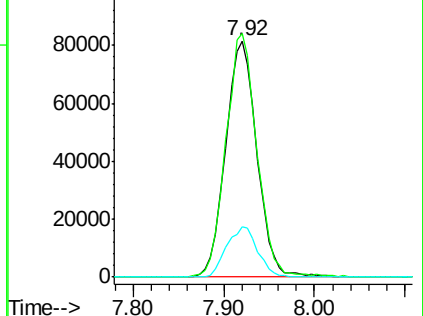
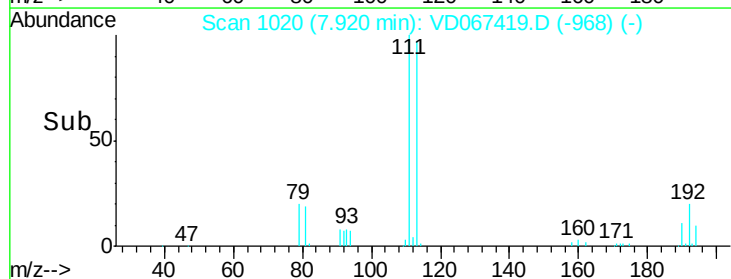
192 21.2 17.0 25.4

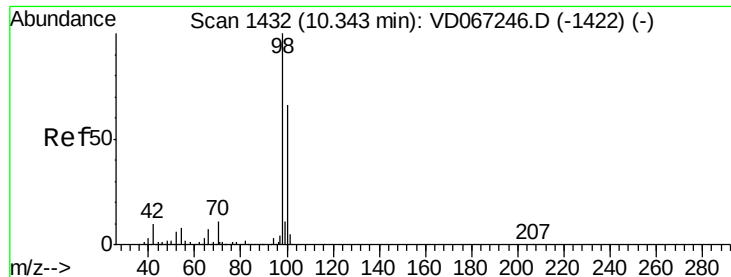


Abundance Ion 112.80 (112.50 to 113.50): V

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: VD067419.D

Acq: 27 Oct 2020 18:41

Instrument :

MSVOA_D

ClientSampleId :

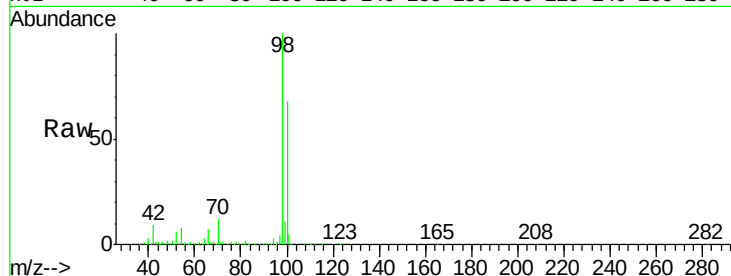
VNJ-225

Tot Ion: 98 Resp: 711334

Ion Ratio Lower Upper

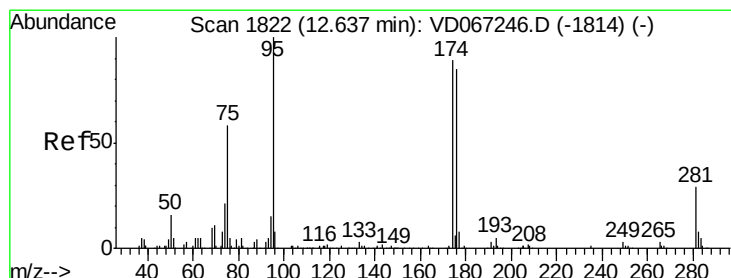
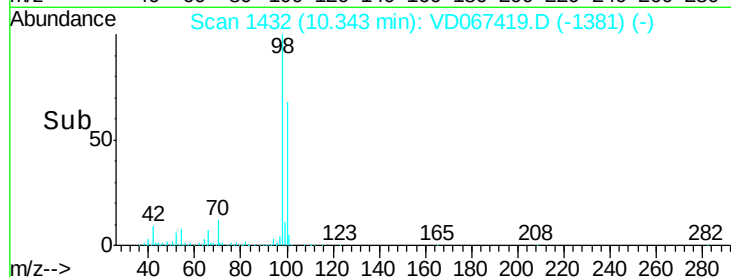
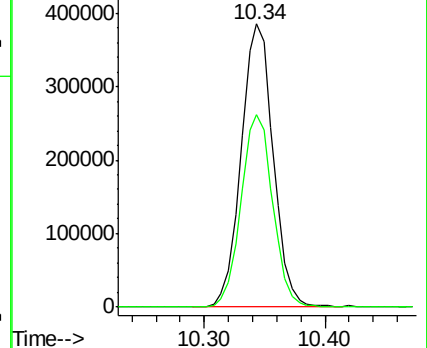
98 100

100 67.5 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: 54.225 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067419.D

Acq: 27 Oct 2020 18:41

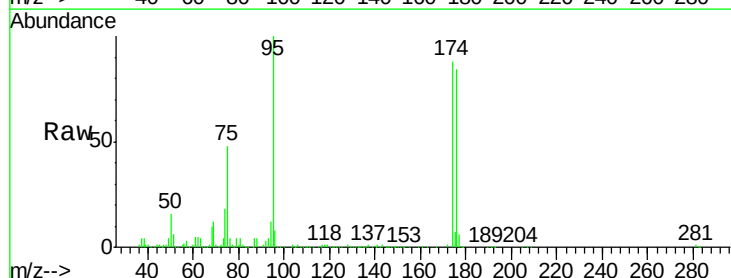
Tgt Ion: 95 Resp: 270291

Ion Ratio Lower Upper

95 100

174 86.1 0.0 175.2

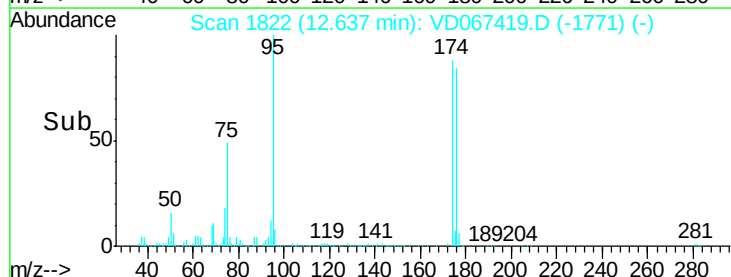
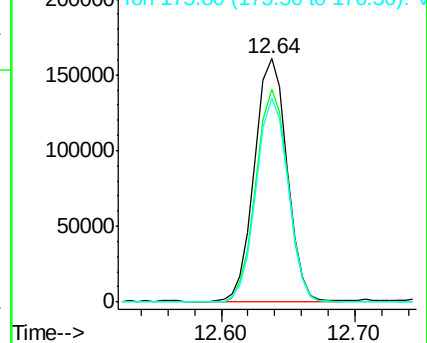
176 82.4 0.0 168.6

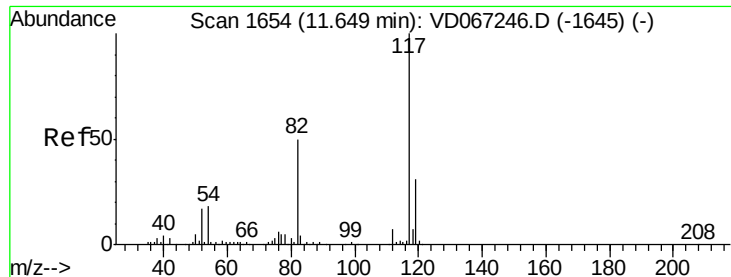


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

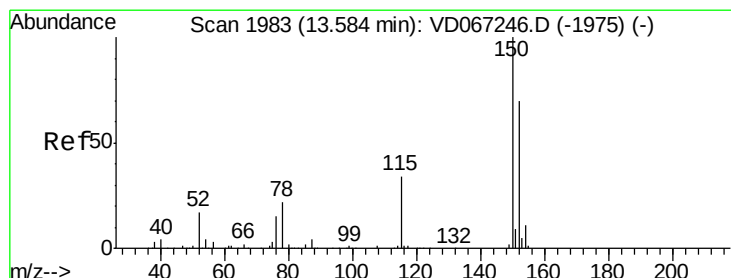
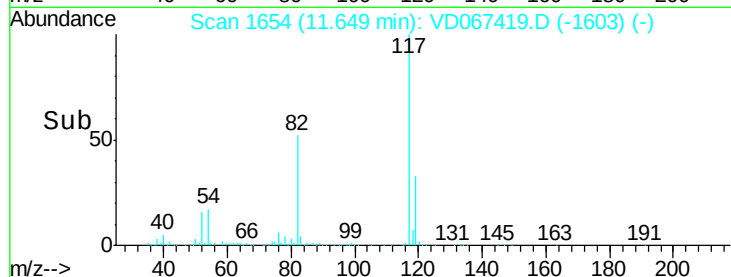
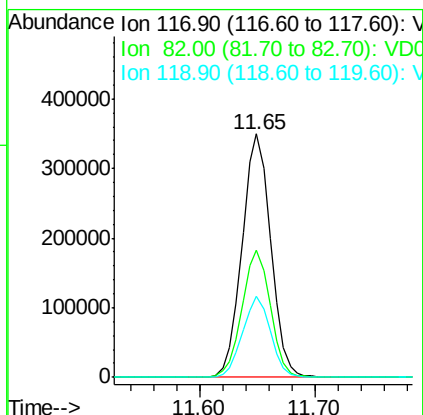
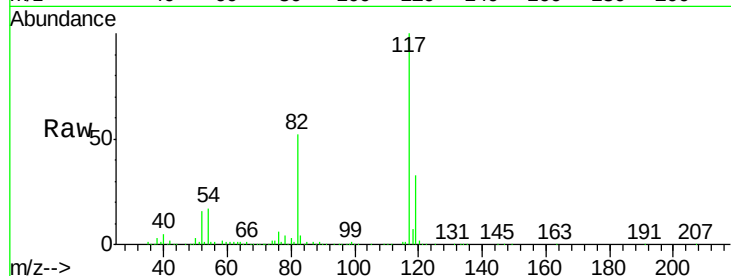




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067419.D
Acq: 27 Oct 2020 18:41

Instrument :
MSVOA_D
ClientSampleId :
VNJ-225

Tot Ion:117 Resp: 603073
Ion Ratio Lower Upper
117 100
82 52.5 39.9 59.9
119 33.4 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: VD067419.D
Acq: 27 Oct 2020 18:41

Tgt Ion:152 Resp: 284318
Ion Ratio Lower Upper
152 100
115 58.1 29.3 87.9
150 154.3 0.0 339.0

