

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067348.D
 Acq On : 21 Oct 2020 15:26
 Operator : VA/SY
 Sample : L4467-03
 Misc : 7.09G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-240

Quant Time: Oct 22 00:58:33 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

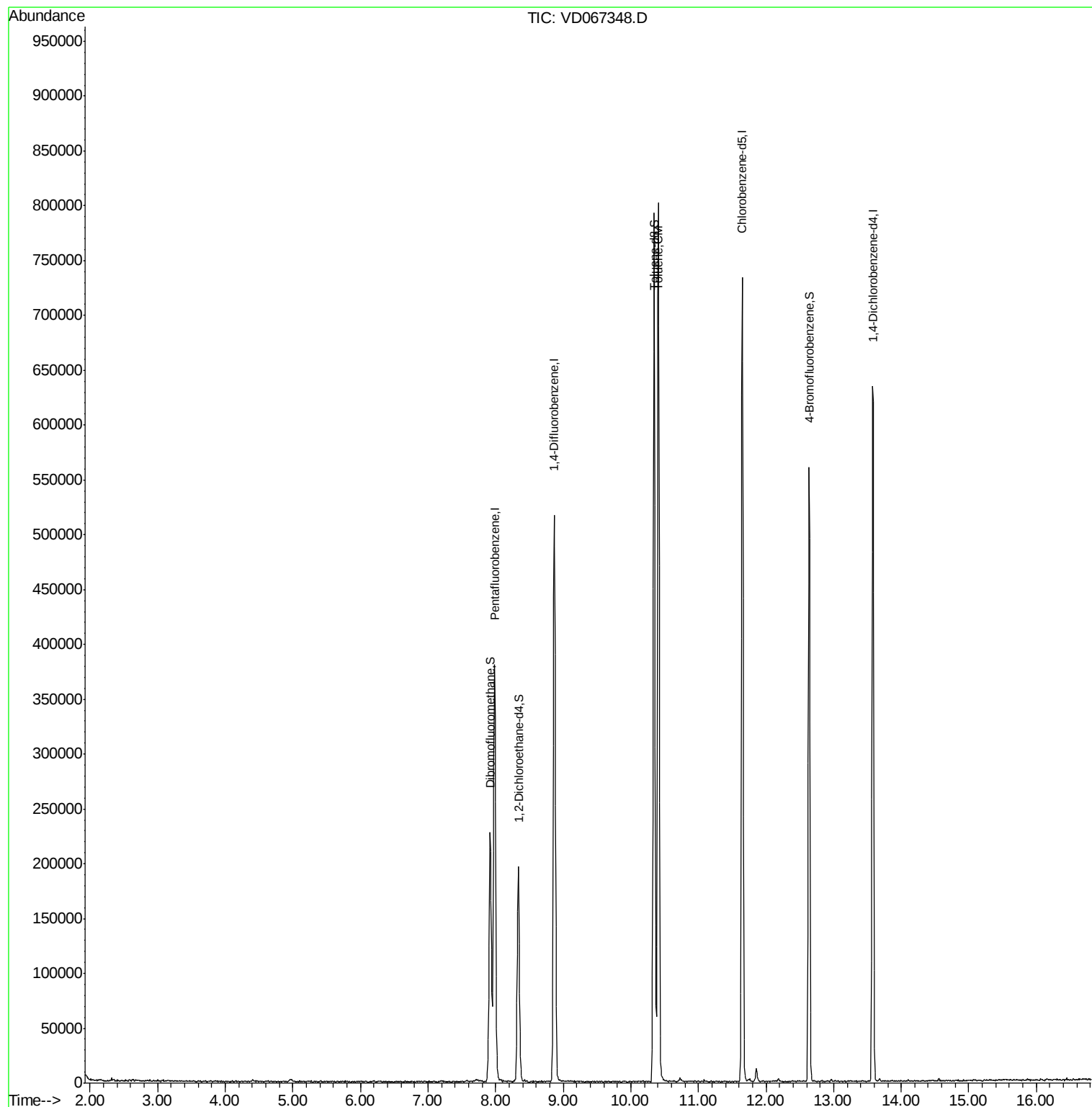
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	288650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	473488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	441886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	181150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	166678	57.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.28%	
35) Dibromofluoromethane	7.92	113	160446	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.34	98	553392	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.64	95	176860	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
Target Compounds						
52) Toluene	10.41	92	353498	47.142	ug/l	Qvalue 98

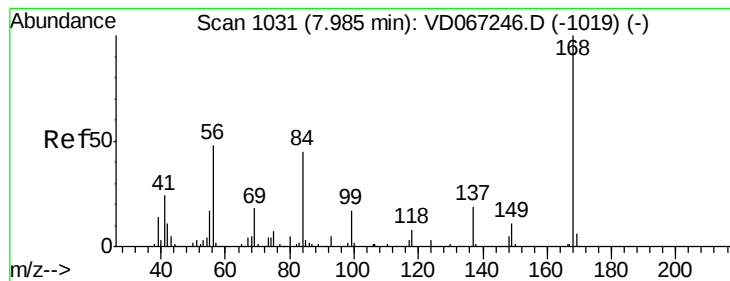
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102120\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067348.D

Acq: 21 Oct 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

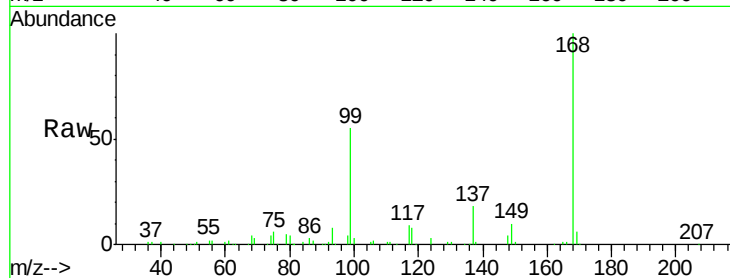
VNJ-240

Tot Ion:168 Resp: 288650

Ion Ratio Lower Upper

168 100

99 54.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

150000

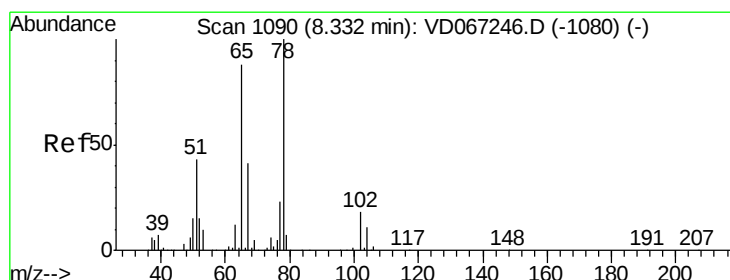
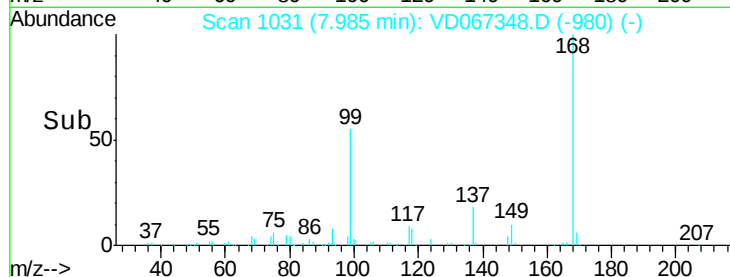
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.637 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067348.D

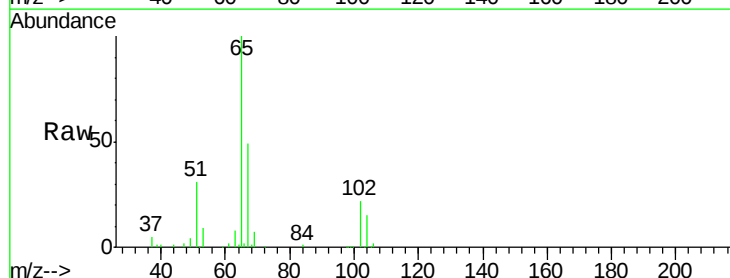
Acq: 21 Oct 2020 15:26

Tgt Ion: 65 Resp: 166678

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

8.34

80000

60000

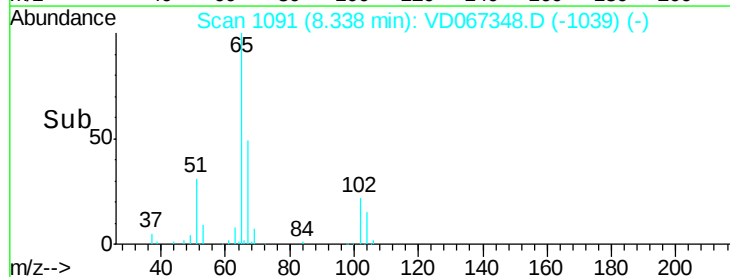
40000

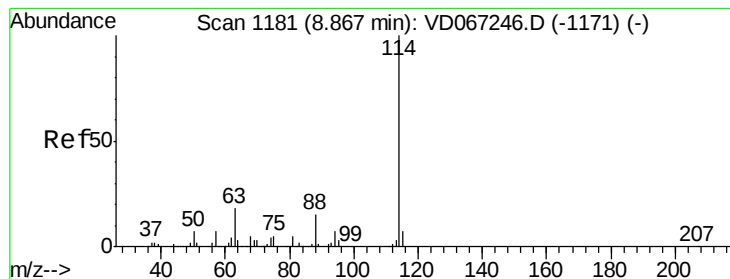
20000

0

8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067348.D

Acq: 21 Oct 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VNJ-240

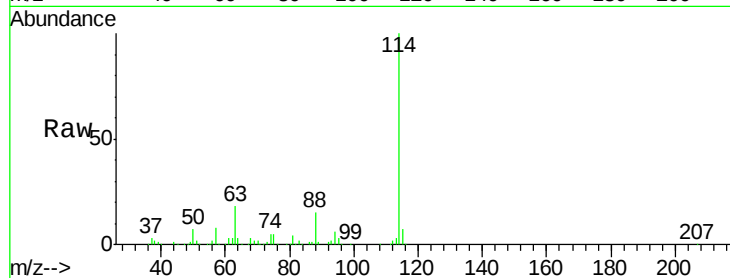
Tot Ion:114 Resp: 473488

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

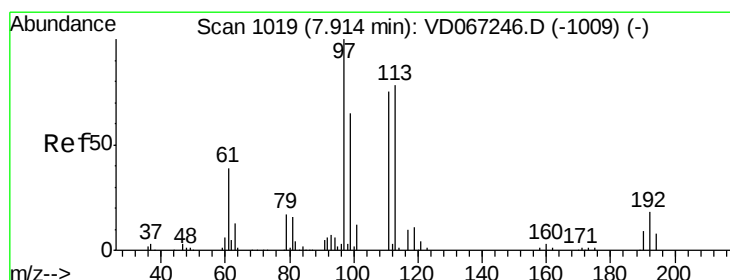
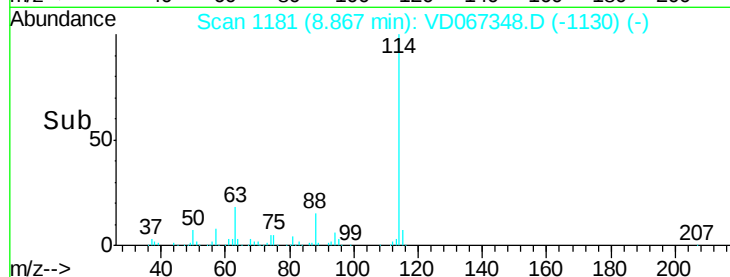
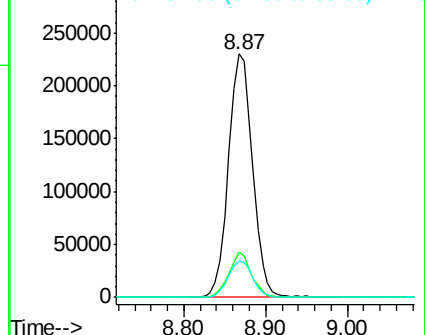
88 14.9 0.0 30.6



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: 50.918 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067348.D

Acq: 21 Oct 2020 15:26

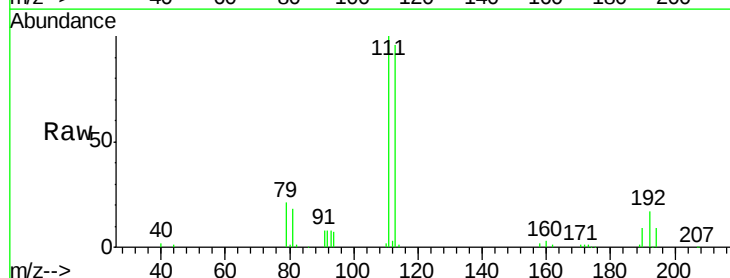
Tgt Ion:113 Resp: 160446

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

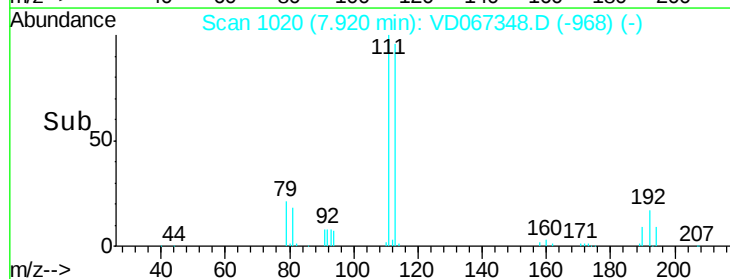
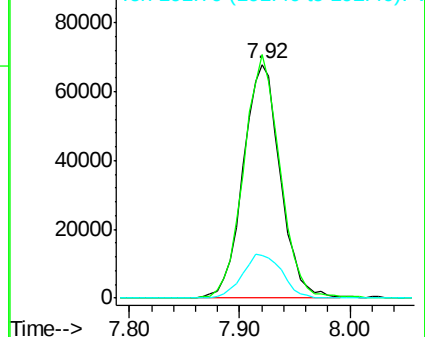
192 19.8 17.0 25.4

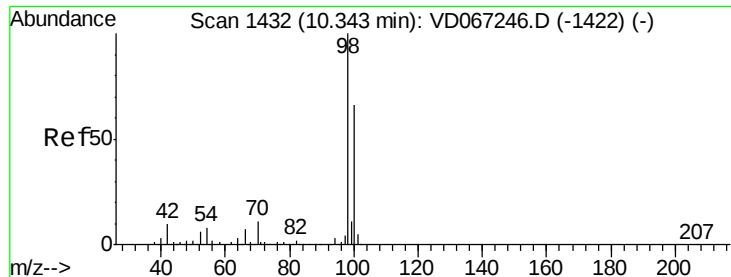


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

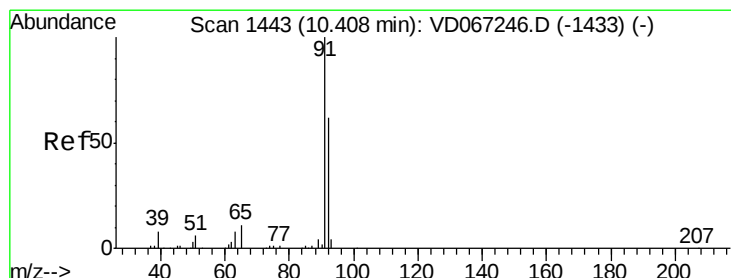
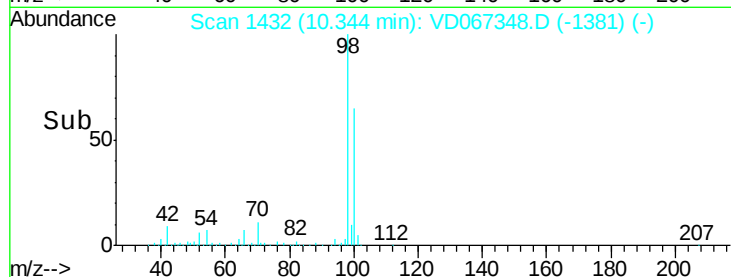
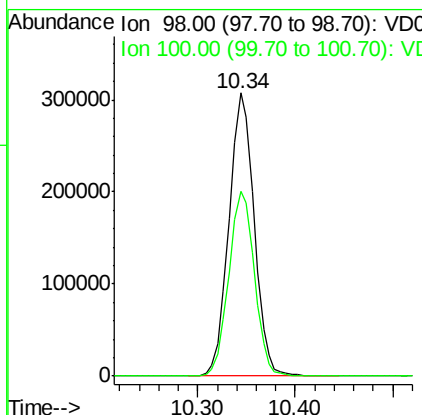
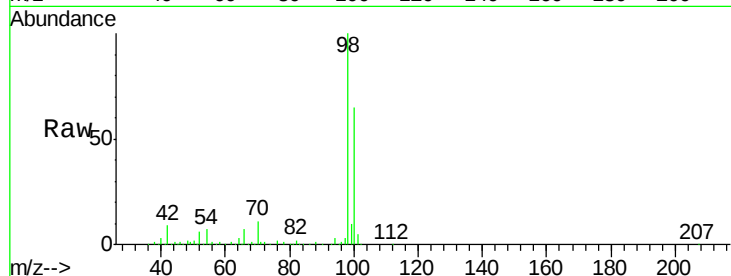




#50
Toluene-d8
Concen: 48.528 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067348.D
Acq: 21 Oct 2020 15:26

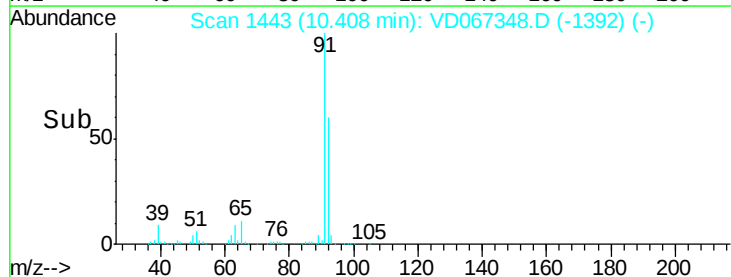
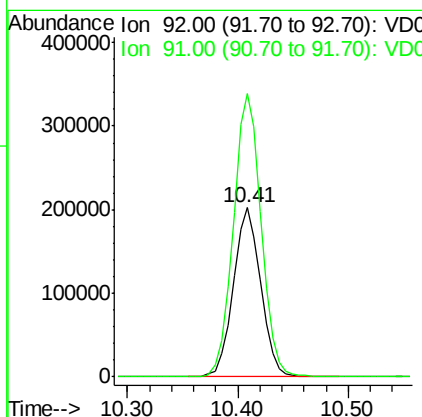
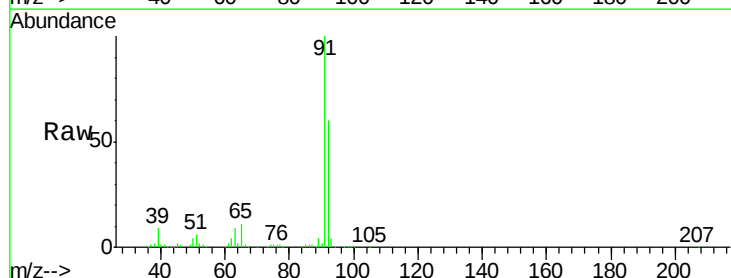
Instrument :
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VNJ-240

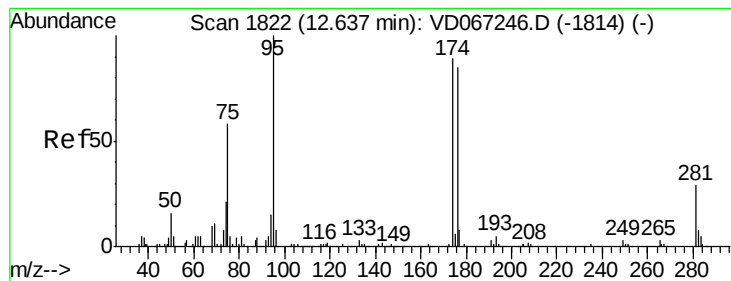
Tot Ion: 98 Resp: 553392
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#52
Toluene
Concen: 47.142 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067348.D
Acq: 21 Oct 2020 15:26

Tgt Ion: 92 Resp: 353498
Ion Ratio Lower Upper
92 100
91 169.5 133.8 200.8





#62

4-Bromofluorobenzene

Concen: 44.603 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067348.D

Acq: 21 Oct 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VNJ-240

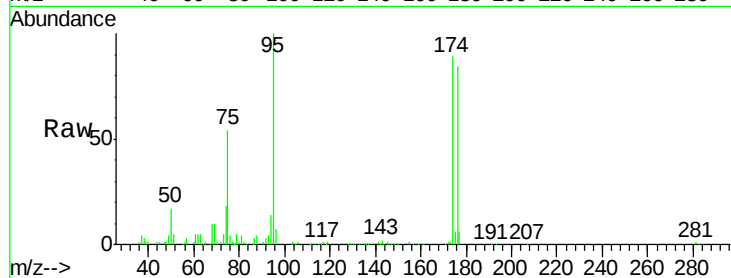
Tot Ion: 95 Resp: 176860

Ion Ratio Lower Upper

95 100

174 90.0 0.0 175.2

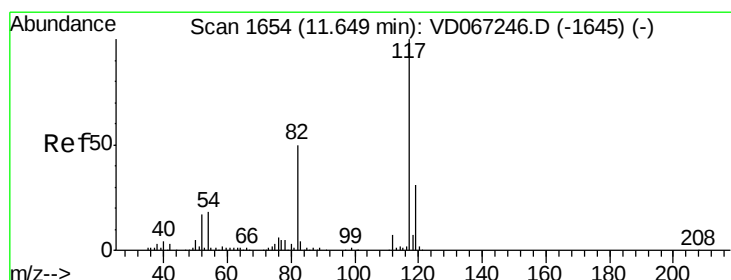
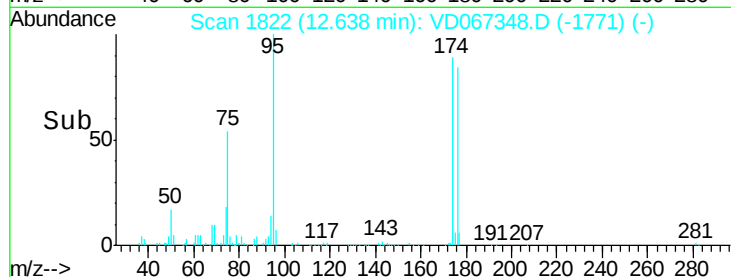
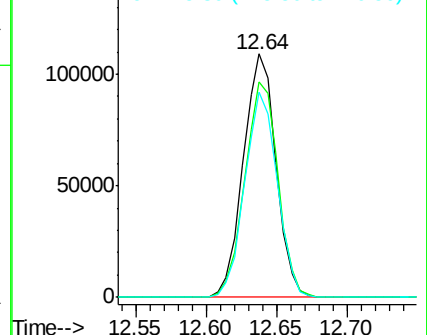
176 84.2 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067348.D

Acq: 21 Oct 2020 15:26

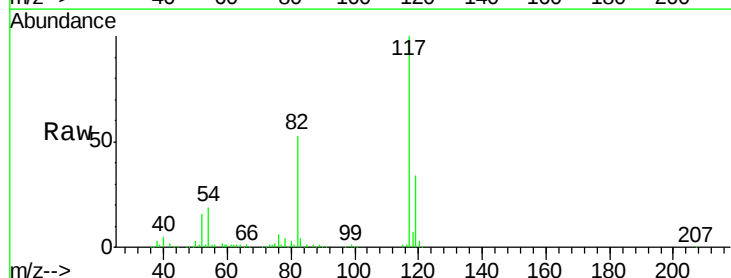
Tgt Ion: 117 Resp: 441886

Ion Ratio Lower Upper

117 100

82 52.8 39.9 59.9

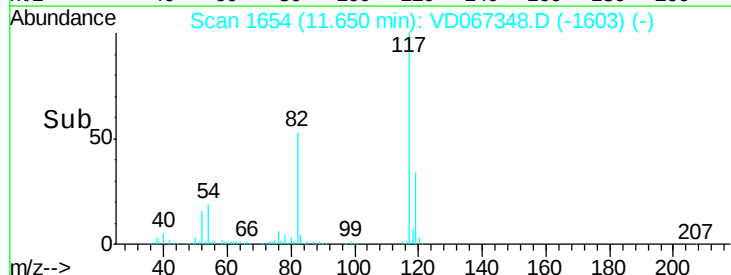
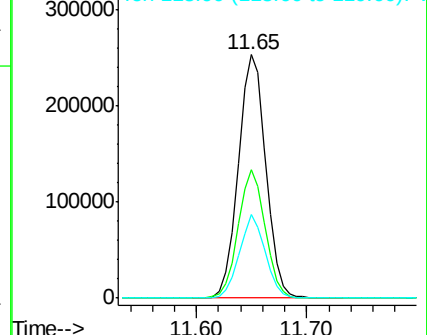
119 34.4 24.9 37.3

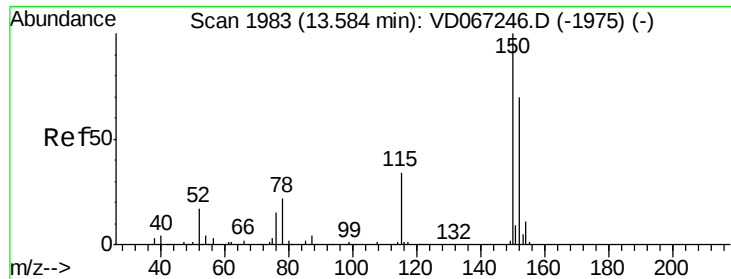


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067348.D

Acq: 21 Oct 2020 15:26

Instrument :

MSVOA_D

ClientSampleId :

VNJ-240

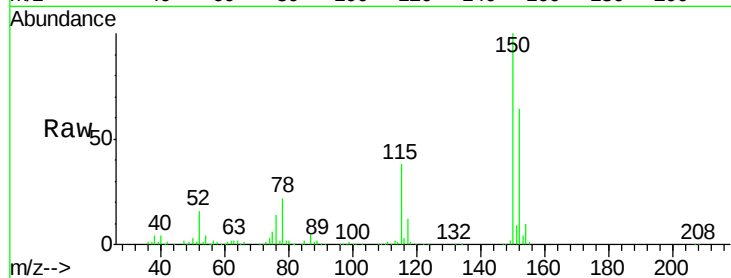
Tot Ion:152 Resp: 181150

Ion Ratio Lower Upper

152 100

115 58.9 29.3 87.9

150 156.8 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

