

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067417.D
 Acq On : 27 Oct 2020 17:46
 Operator : VA/SY
 Sample : L4527-03
 Misc : 5.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-206

Quant Time: Oct 28 06:47:40 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

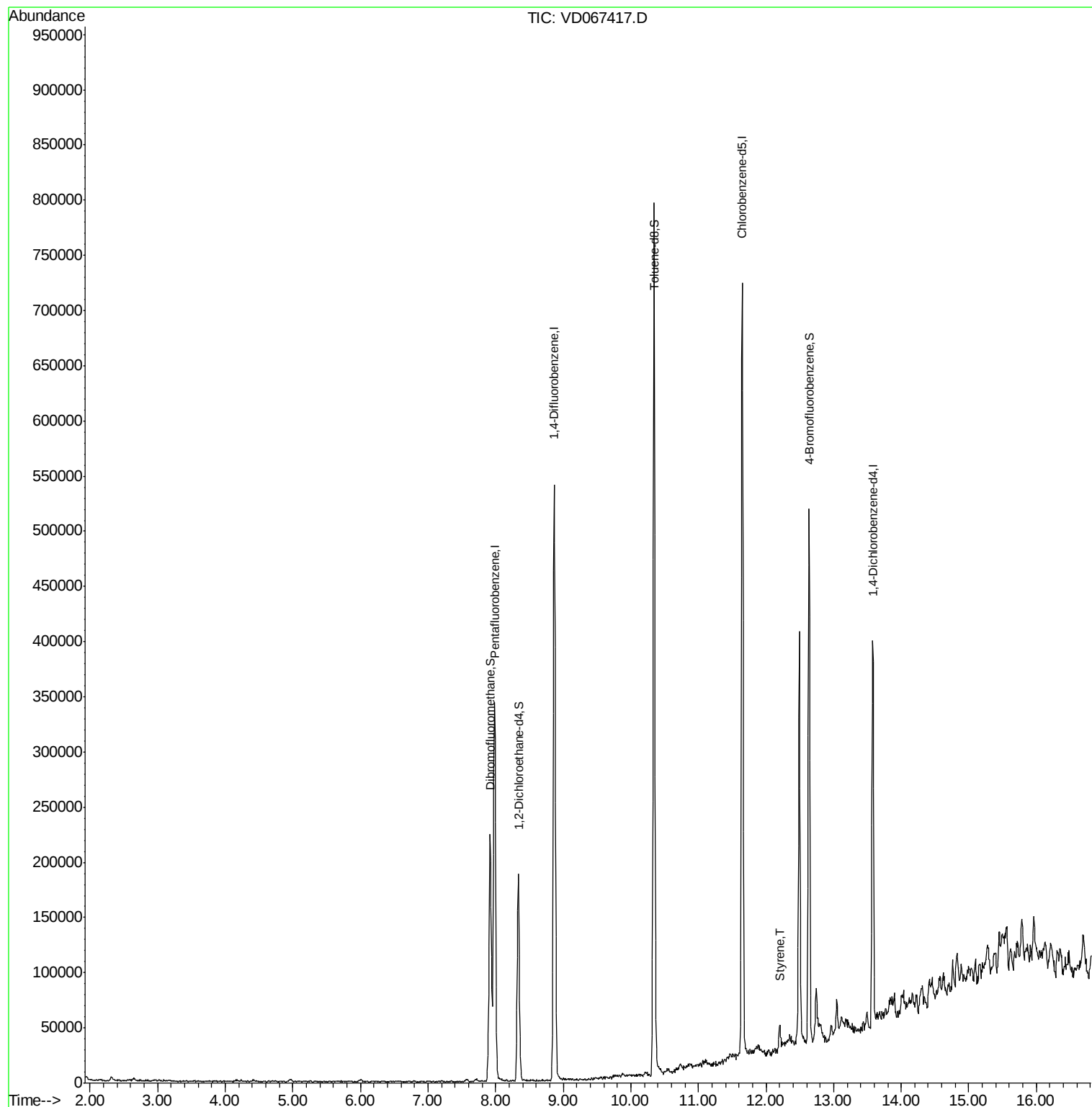
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	267333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	477455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	428982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	101182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	156206	58.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.64%	
35) Dibromofluoromethane	7.91	113	157082	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.34	98	543166	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
62) 4-Bromofluorobenzene	12.64	95	153755	38.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.90%	
Target Compounds						
70) Styrene	12.20	104	11505	1.329	ug/l	Qvalue 94

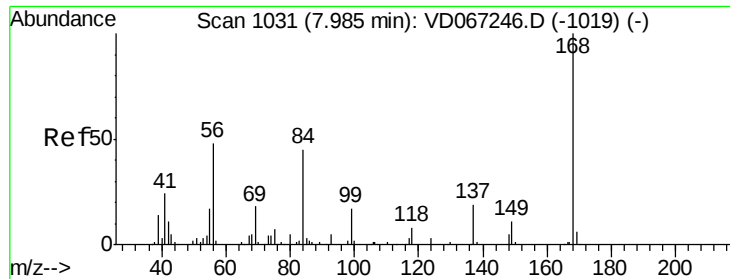
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067417.D

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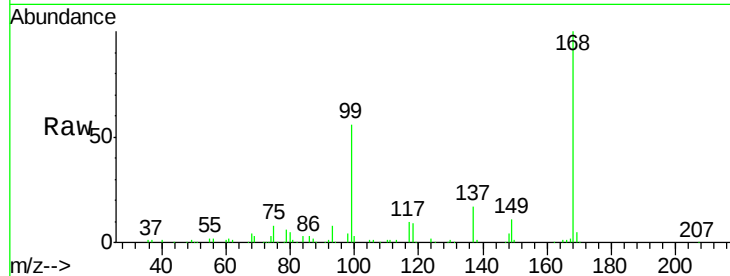
Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

Tot Ion:168 Resp: 267333

Ion Ratio Lower Upper

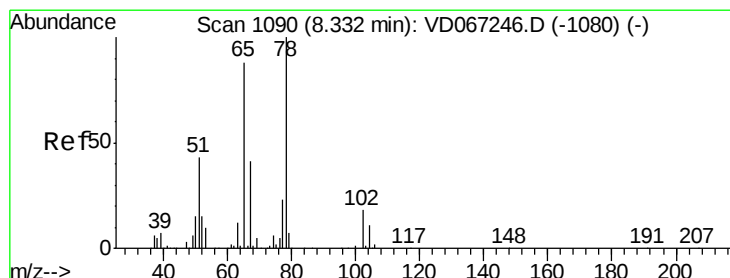
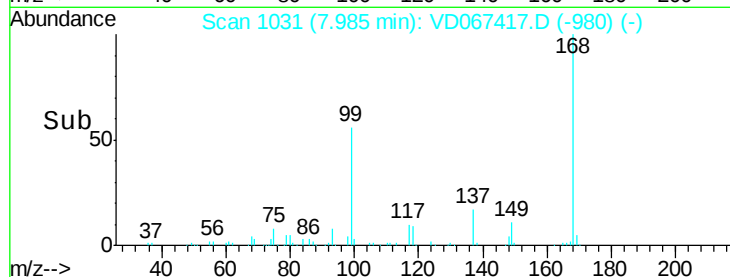
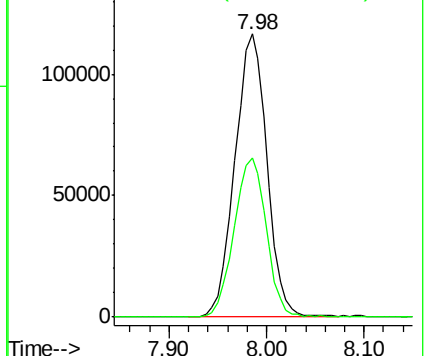
168 100

99 56.1 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: 58.323 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067417.D

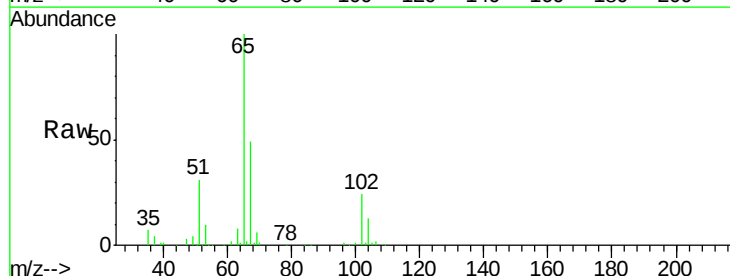
Acq: 27 Oct 2020 17:46

Tgt Ion: 65 Resp: 156206

Ion Ratio Lower Upper

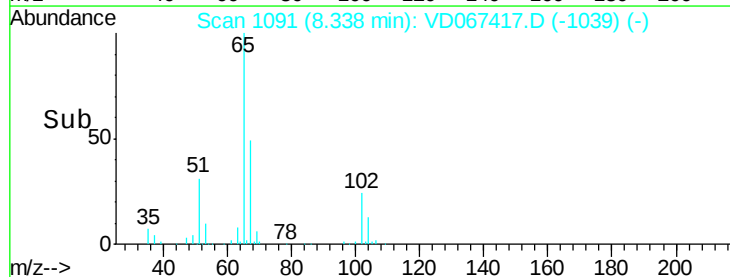
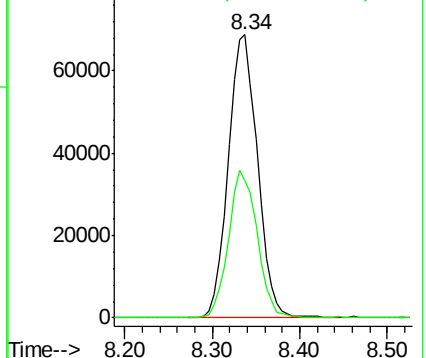
65 100

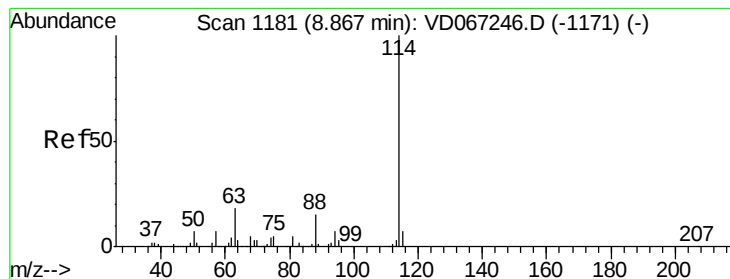
67 51.0 0.0 103.8



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: VD067417.D

Acq: 27 Oct 2020 17:46

Instrument :

MSVOA_D

ClientSampleId :

VNJ-206

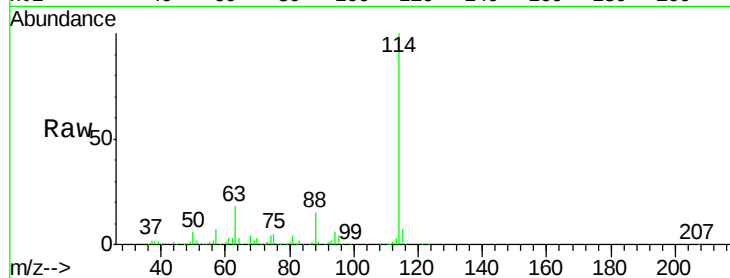
Tot Ion:114 Resp: 477455

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

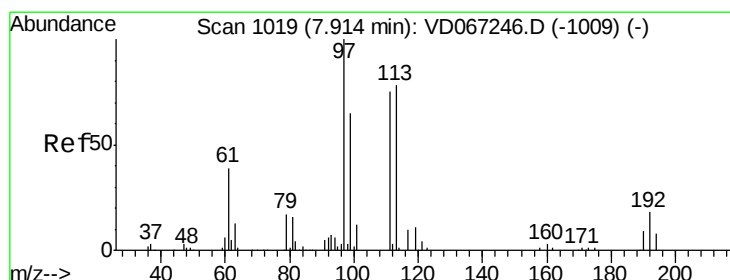
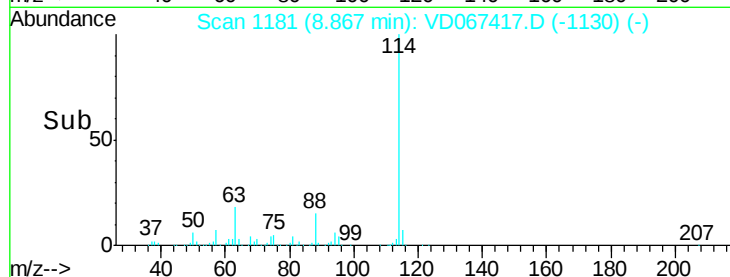
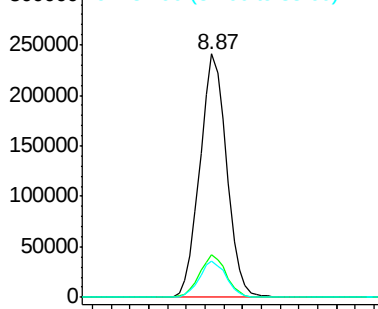
88 14.8 0.0 30.6



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: 49.436 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067417.D

Acq: 27 Oct 2020 17:46

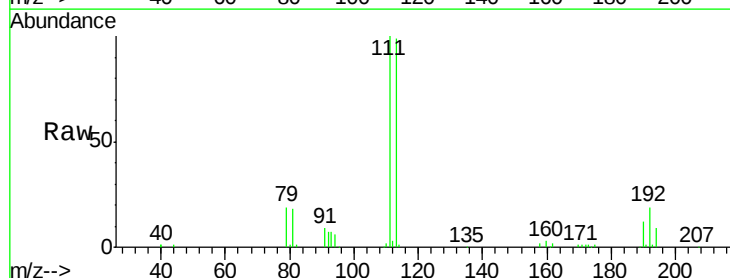
Tgt Ion:113 Resp: 157082

Ion Ratio Lower Upper

113 100

111 105.0 81.6 122.4

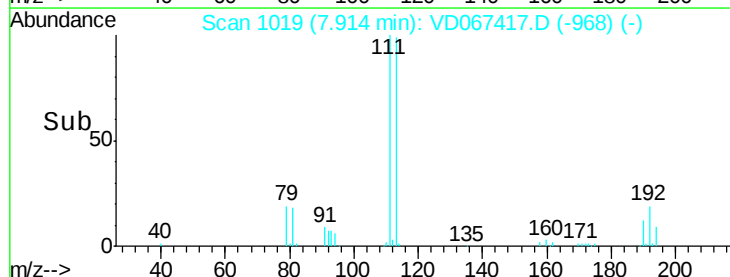
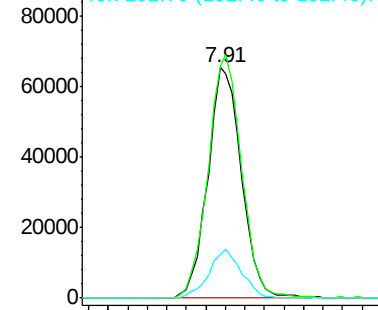
192 20.7 17.0 25.4

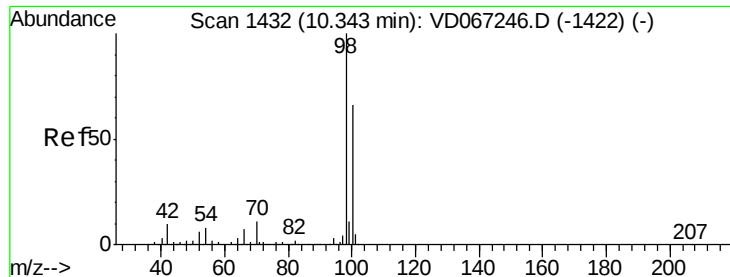


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.236 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067417.D

Acq: 27 Oct 2020 17:46

Instrument :

MSVOA_D

ClientSampleId :

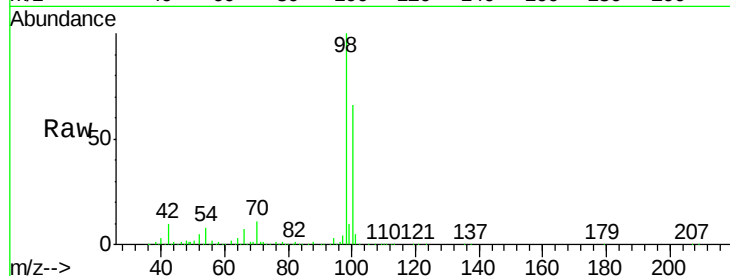
VNJ-206

Tot Ion: 98 Resp: 543166

Ion Ratio Lower Upper

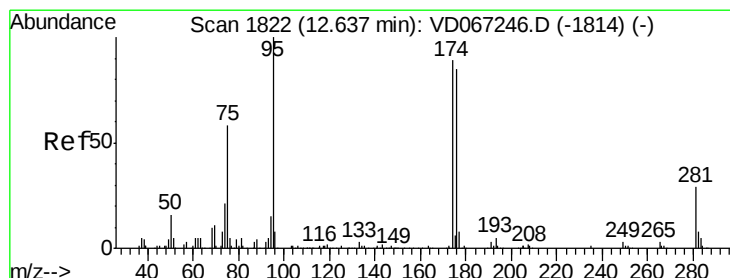
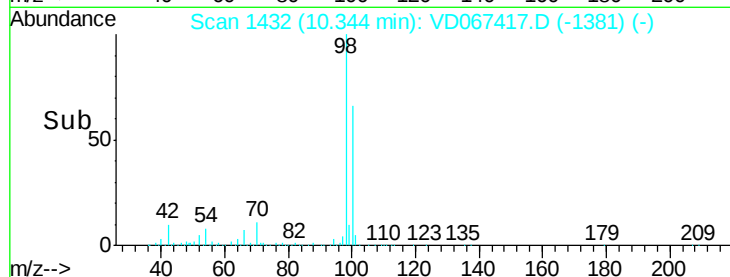
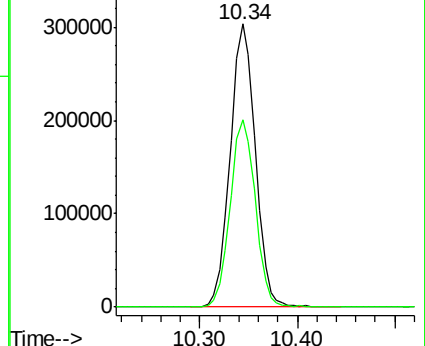
98 100

100 66.0 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: 38.454 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067417.D

Acq: 27 Oct 2020 17:46

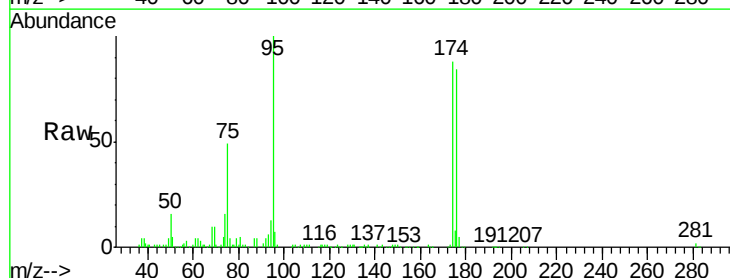
Tgt Ion: 95 Resp: 153755

Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.2

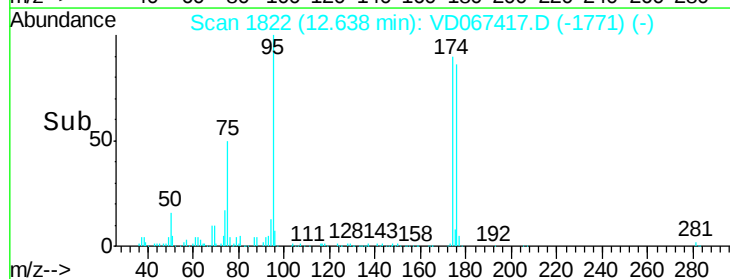
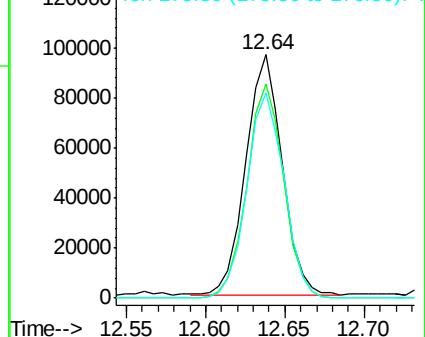
176 87.4 0.0 168.6

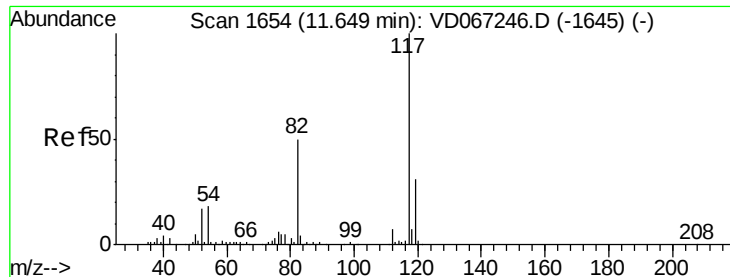


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

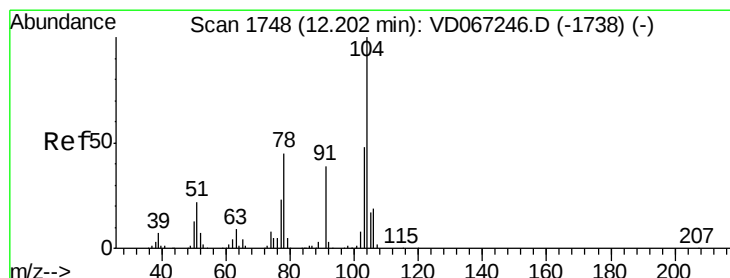
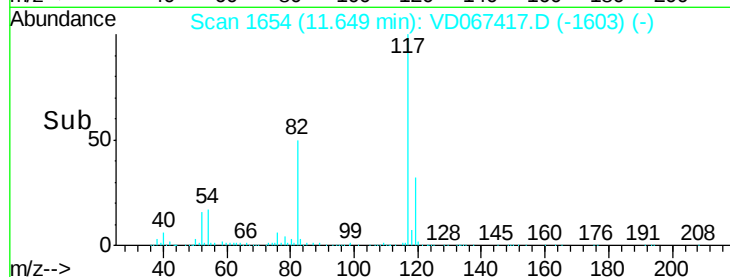
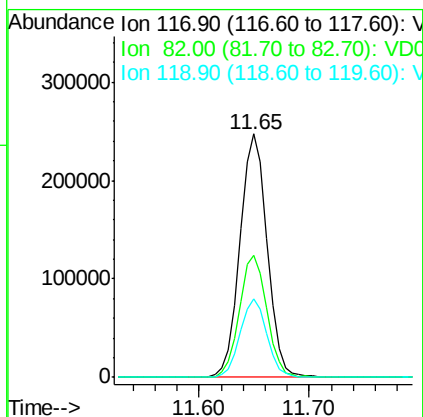
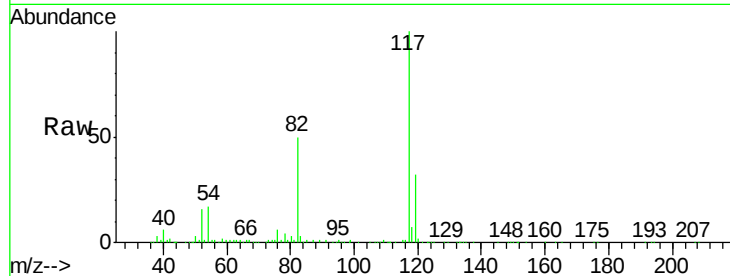




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

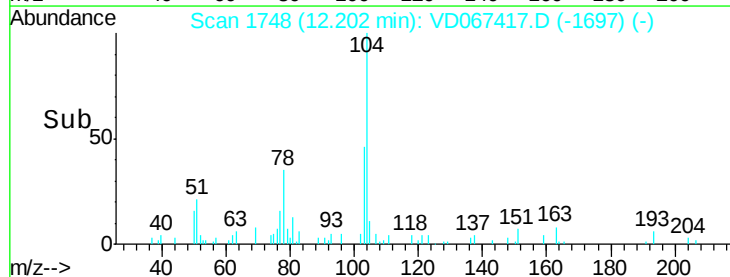
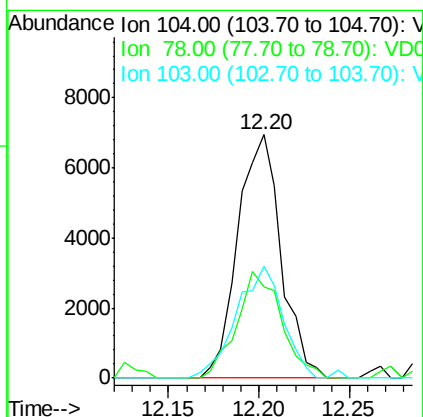
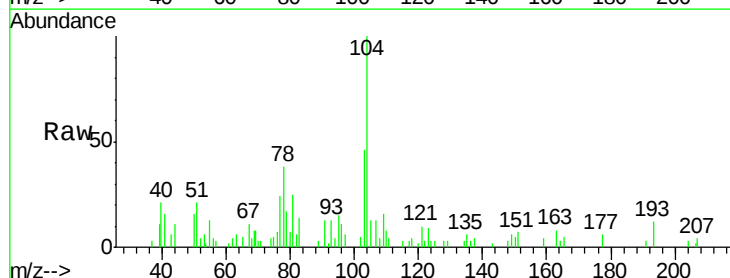
Instrument :
MSVOA_D
ClientSampleId :
VNJ-206

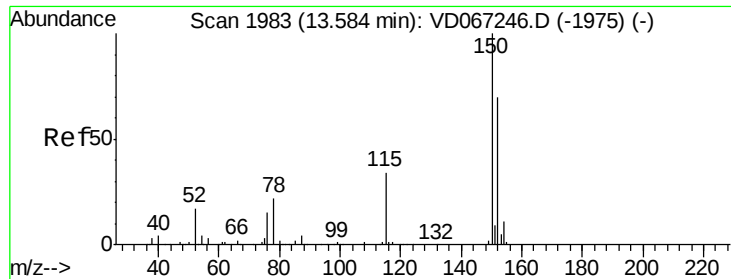
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.9	59.9
119	32.0	24.9	37.3



#70
Styrene
Concen: 1.329 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067417.D
Acq: 27 Oct 2020 17:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.3	39.8	59.6
103	49.6	42.6	64.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067417.D

Acq: 27 Oct 2020 17:46

Instrument :

MSVOA_D

ClientSampleId :

VNJ-206

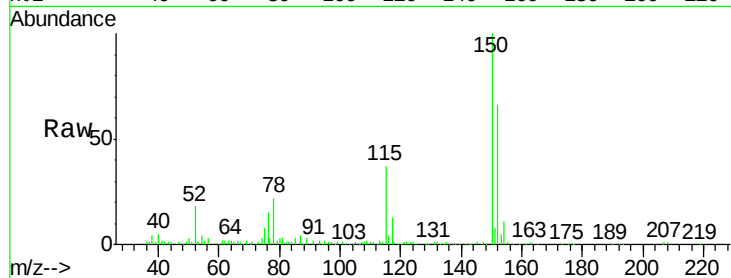
Tot Ion:152 Resp: 101182

Ion Ratio Lower Upper

152 100

115 58.7 29.3 87.9

150 151.8 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

