

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102820\
 Data File : VD067435.D
 Acq On : 28 Oct 2020 15:48
 Operator : VA/SY
 Sample : L4527-03RE
 Misc : 5.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-206RE

Quant Time: Oct 29 01:14:12 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	38196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	59625	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	61942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	23679	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	26388	68.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.92%	
35) Dibromofluoromethane	7.93	113	20725	52.23	ug/l	0.01
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	10.34	98	72112	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.64	95	25425	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

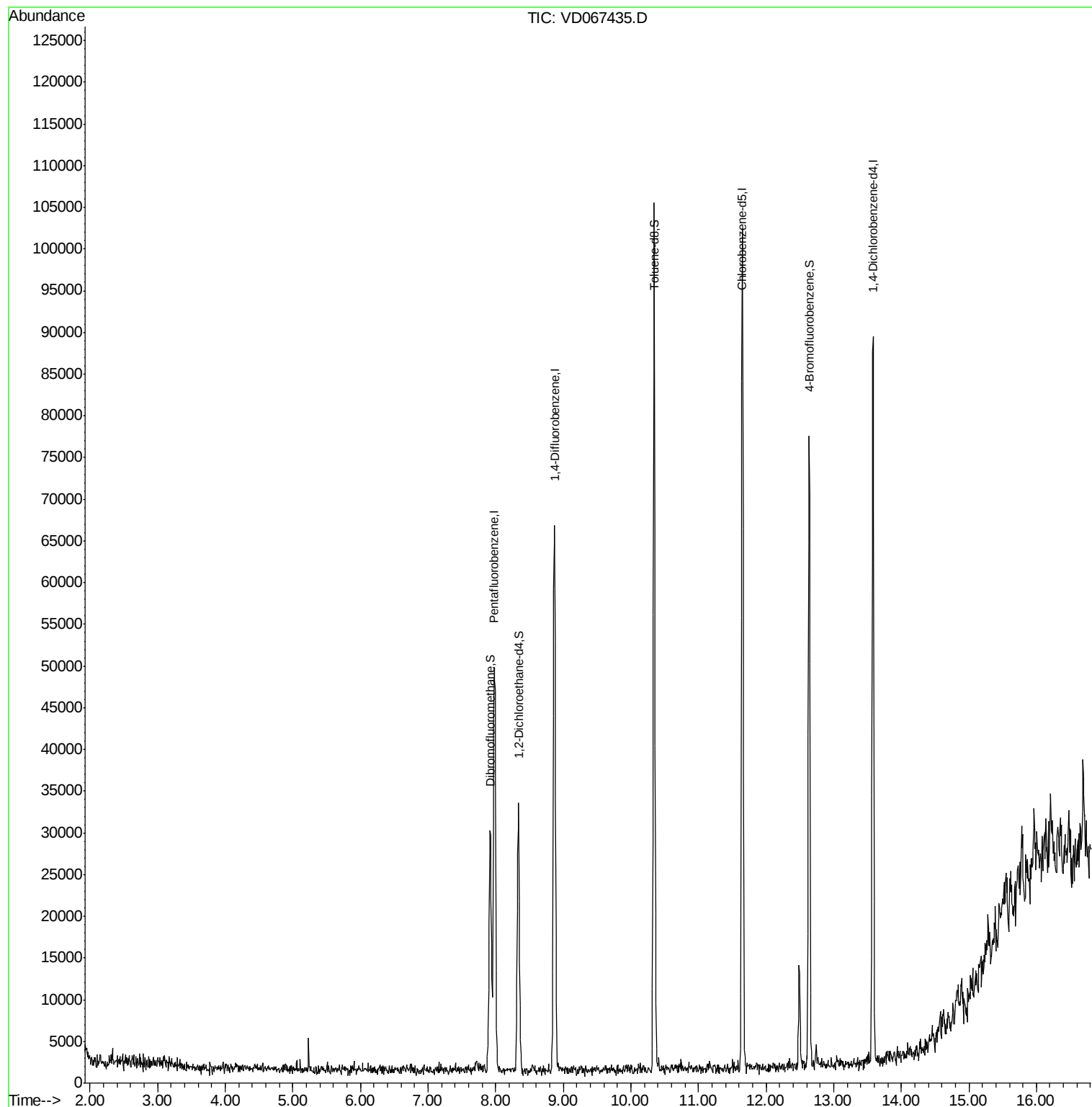
Target Compounds	Qvalue

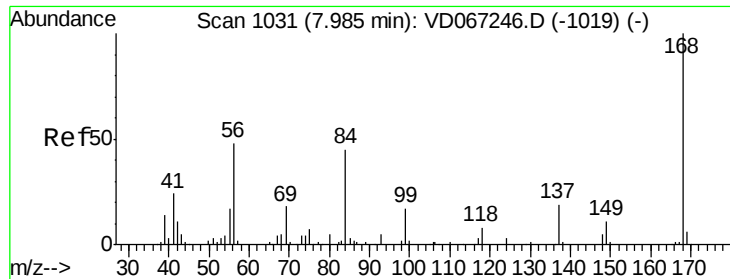
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067435.D

Acq: 28 Oct 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

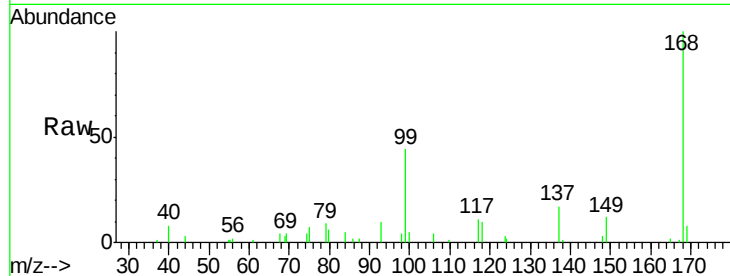
VNJ-206RE

Tot Ion:168 Resp: 38196

Ion Ratio Lower Upper

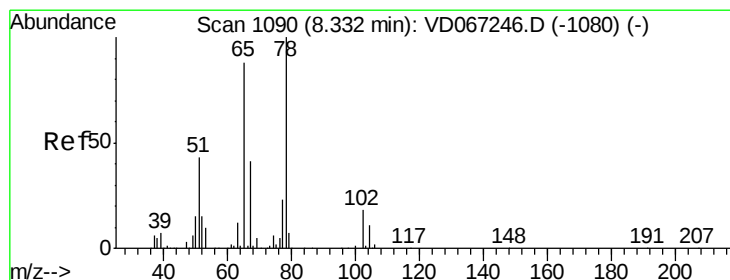
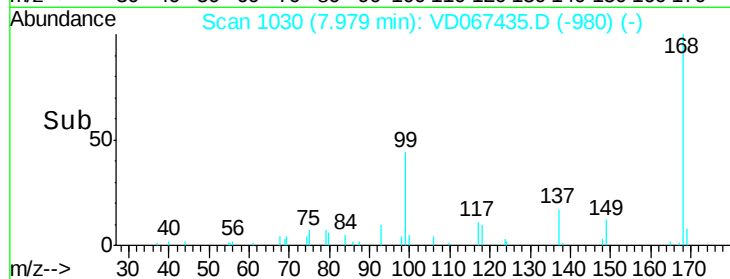
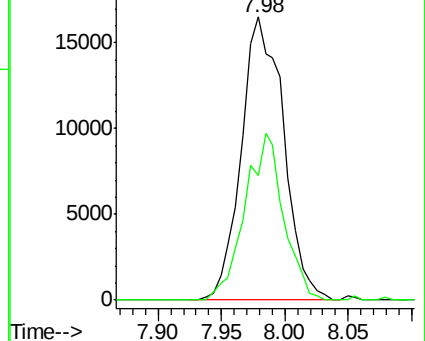
168 100

99 43.8 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: 68.958 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD067435.D

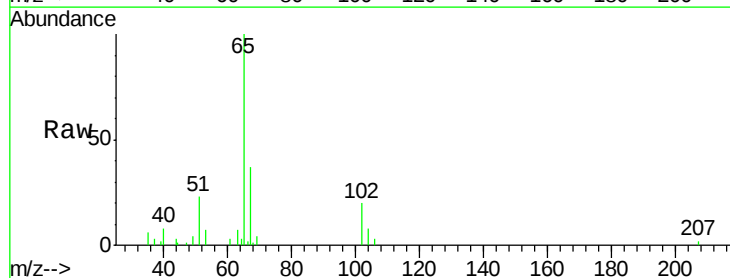
Acq: 28 Oct 2020 15:48

Tgt Ion: 65 Resp: 26388

Ion Ratio Lower Upper

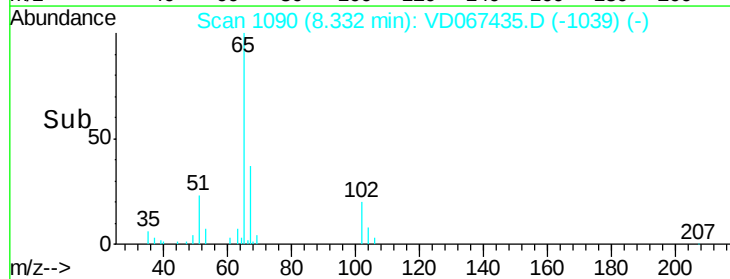
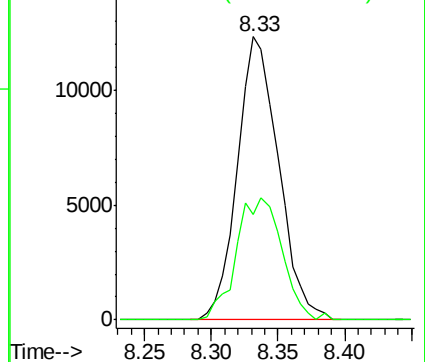
65 100

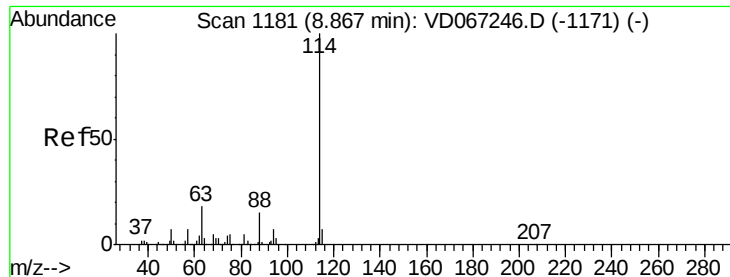
67 47.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

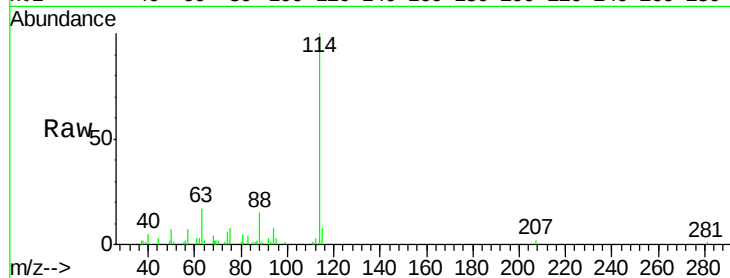




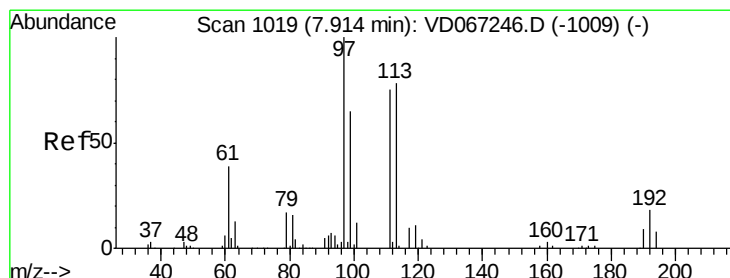
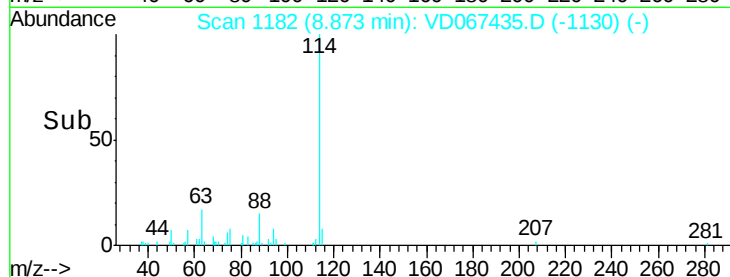
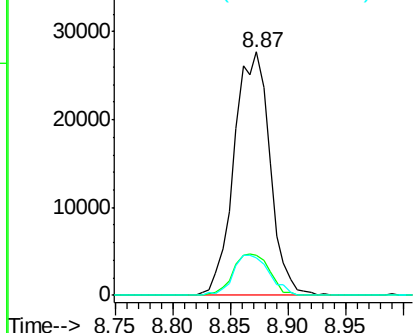
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD067435.D
 Acq: 28 Oct 2020 15:48

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-206RE

Tot Ion:114 Resp: 59625
 Ion Ratio Lower Upper
 114 100
 63 16.7 0.0 35.0
 88 15.4 0.0 30.6

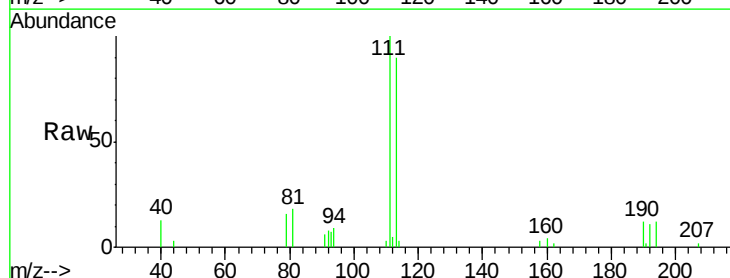


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

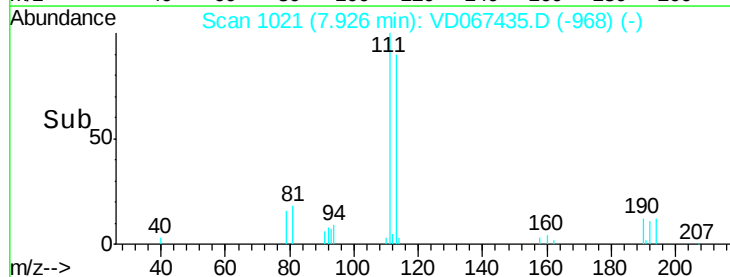
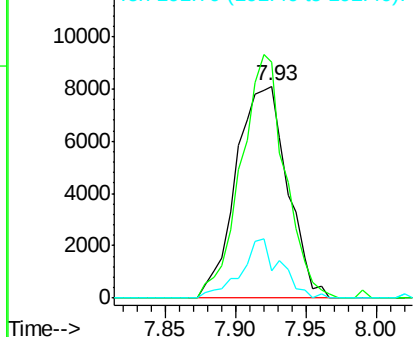


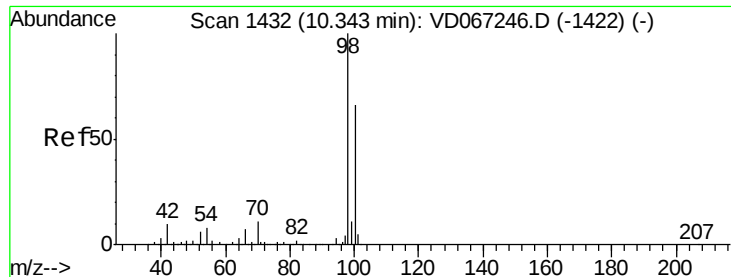
#35
 Dibromofluoromethane
 Concen: 52.230 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067435.D
 Acq: 28 Oct 2020 15:48

Tgt Ion:113 Resp: 20725
 Ion Ratio Lower Upper
 113 100
 111 98.4 81.6 122.4
 192 21.4 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: 50.217 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067435.D

Acq: 28 Oct 2020 15:48

Instrument :

MSVOA_D

ClientSampleId :

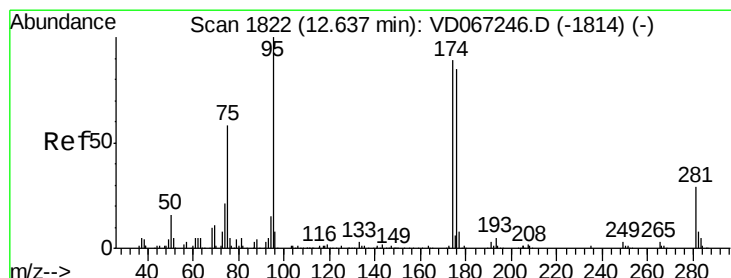
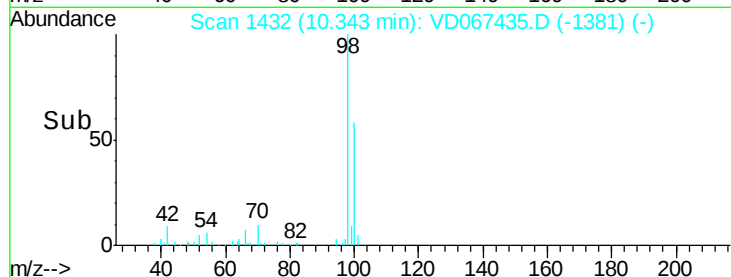
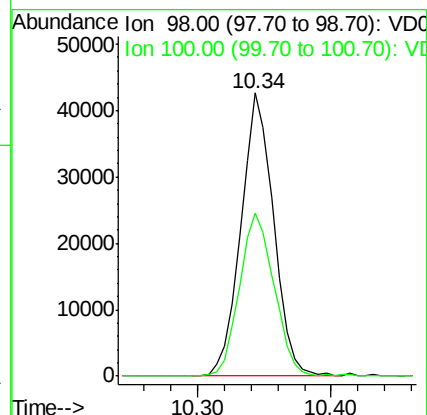
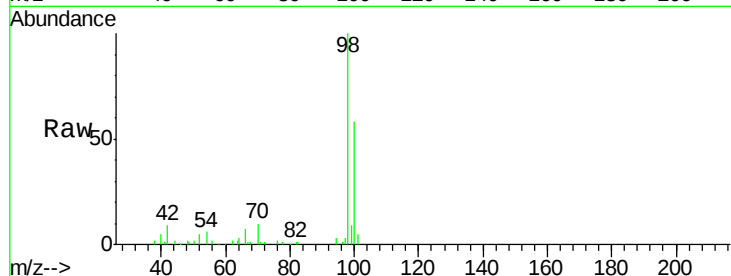
VNJ-206RE

Tot Ion: 98 Resp: 72112

Ion Ratio Lower Upper

98 100

100 60.7 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 50.918 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD067435.D

Acq: 28 Oct 2020 15:48

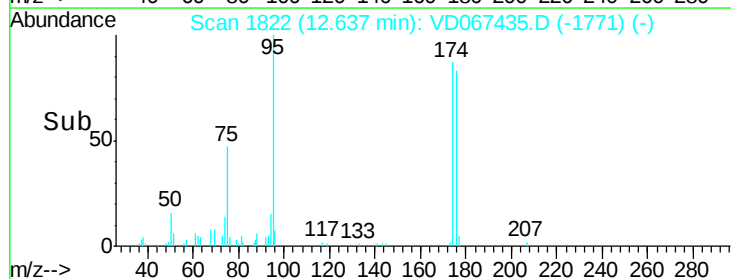
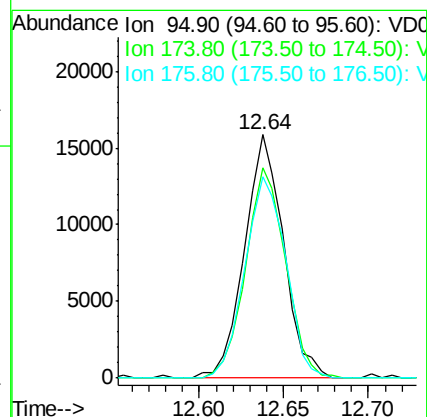
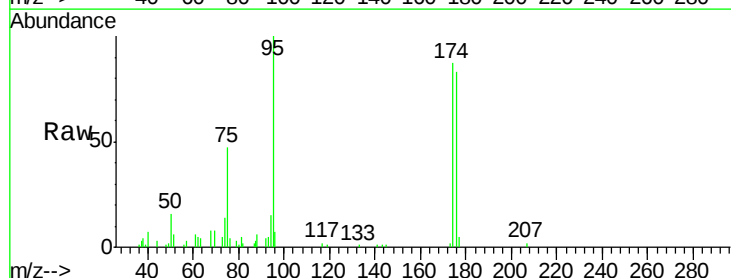
Tgt Ion: 95 Resp: 25425

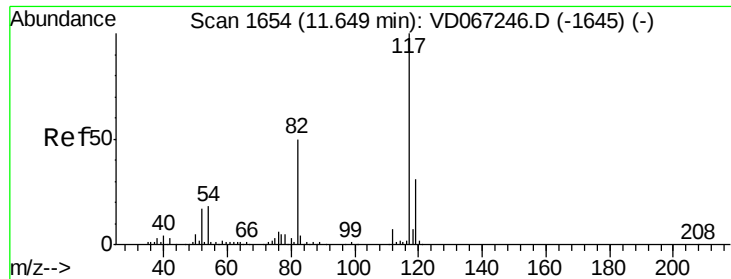
Ion Ratio Lower Upper

95 100

174 88.7 0.0 175.2

176 87.1 0.0 168.6

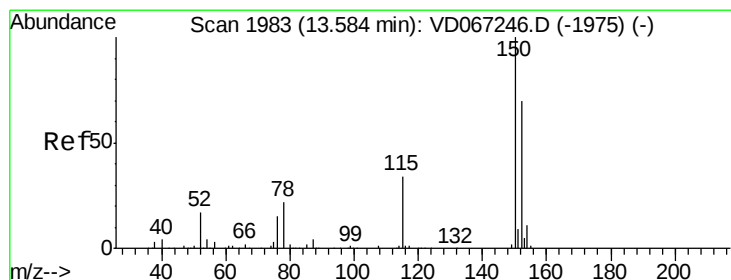
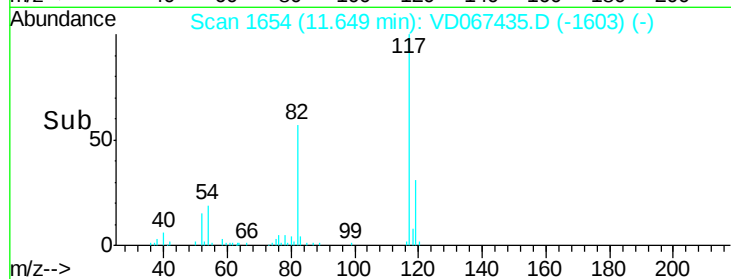
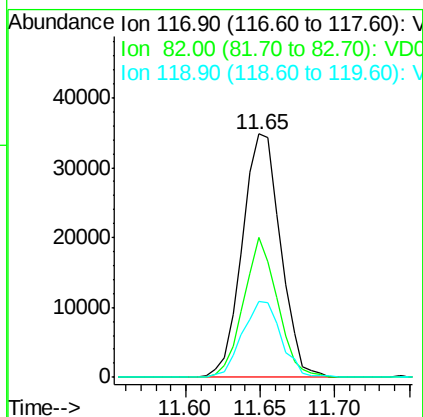
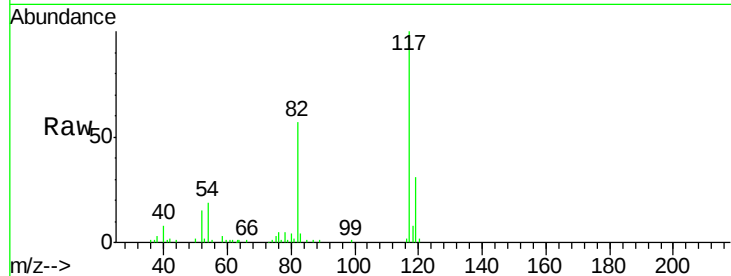




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067435.D
Acq: 28 Oct 2020 15:48

Instrument :
MSVOA_D
ClientSampleId :
VNJ-206RE

Tot Ion:117 Resp: 61942
Ion Ratio Lower Upper
117 100
82 57.4 39.9 59.9
119 31.3 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD067435.D
Acq: 28 Oct 2020 15:48

Tgt Ion:152 Resp: 23679
Ion Ratio Lower Upper
152 100
115 62.7 29.3 87.9
150 169.6 0.0 339.0

