

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021519\
 Data File : VF061653.D
 Acq On : 15 Feb 2019 13:47
 Operator : VA/AP
 Sample : K1486-01RE
 Misc : 7.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VNJ-227RE

Quant Time: Feb 16 04:21:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

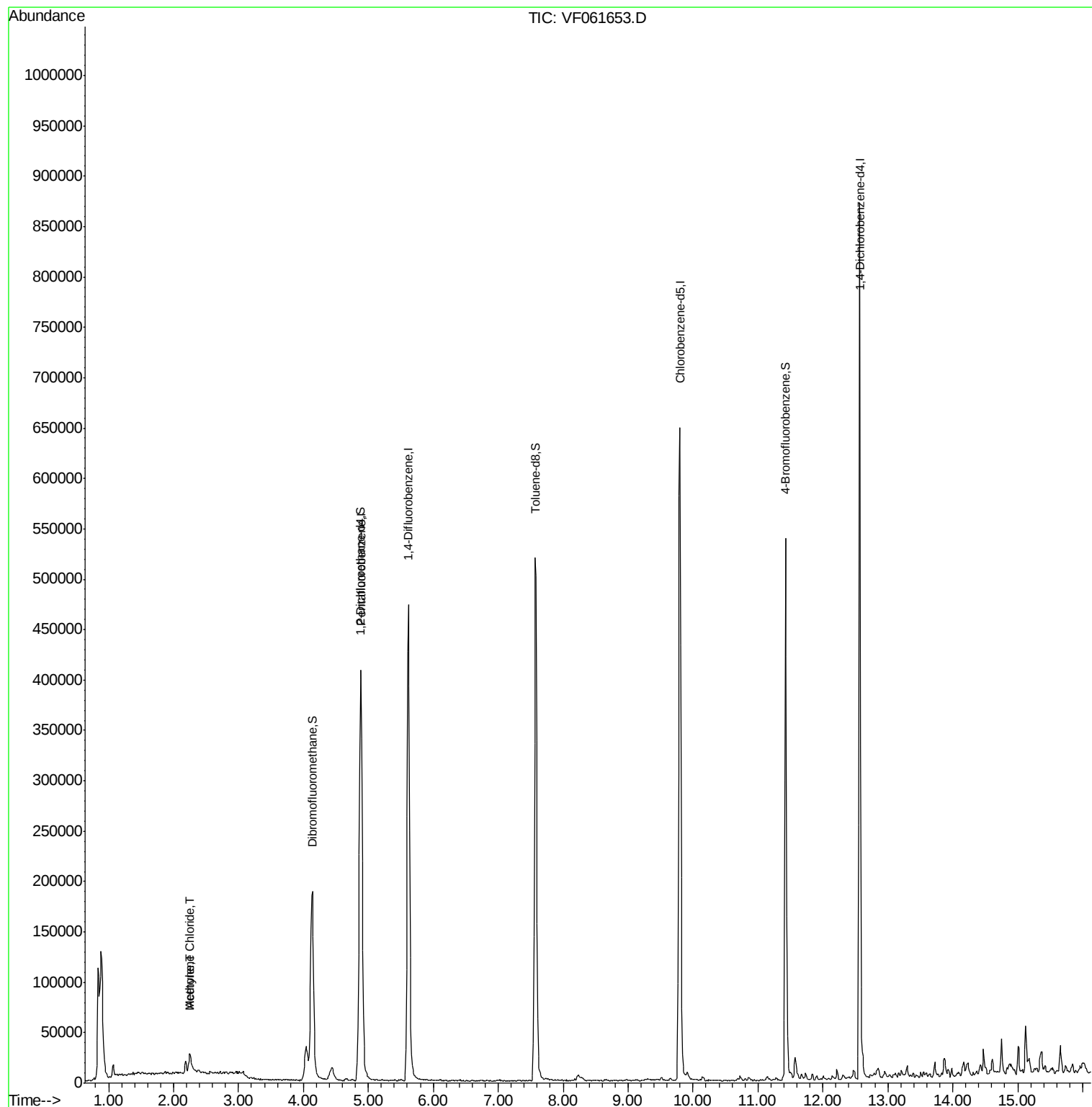
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	397464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.62	114	612413	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.80	117	532104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	273417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.87	65	128035	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
35) Dibromofluoromethane	4.14	113	183945	40.45	ug/l	0.02
Spiked Amount 50.000			Recovery	=	80.90%	
50) Toluene-d8	7.57	98	487302	37.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.54%	
62) 4-Bromofluorobenzene	11.43	95	206100	38.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.92%	
Target Compounds						
16) Acetone	2.24	43	15313	24.487	ug/l	99
20) Methylene Chloride	2.26	84	16069m	2.395	ug/l	

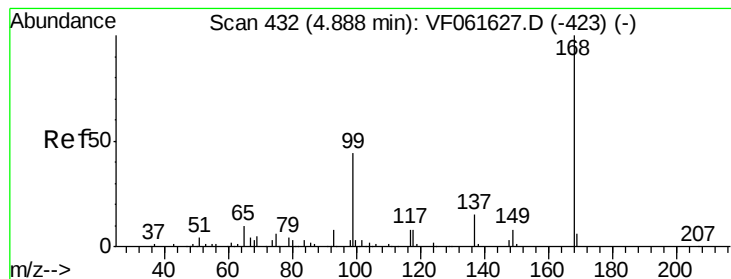
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.00 min

Lab File: VF061653.D

Acq: 15 Feb 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

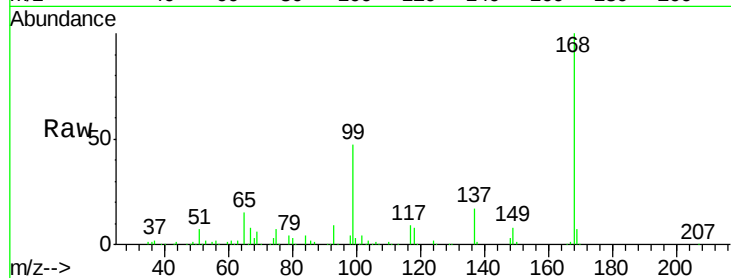
VNJ-227RE

Tot Ion:168 Resp: 397464

Ion Ratio Lower Upper

168 100

99 46.6 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

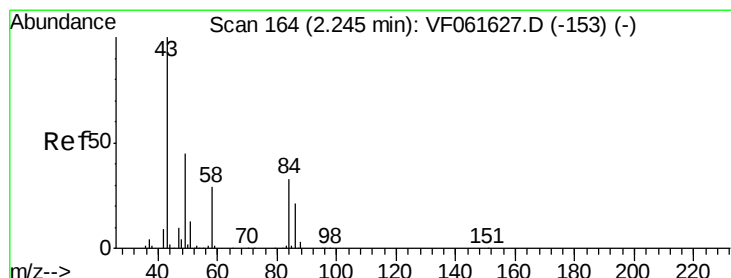
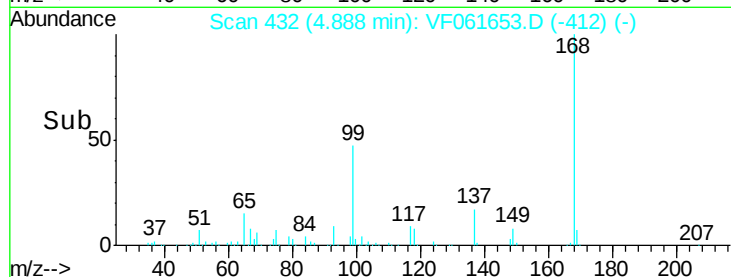
150000

100000

50000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 24.487 ug/l

RT: 2.24 min Scan# 164

Delta R.T. -0.00 min

Lab File: VF061653.D

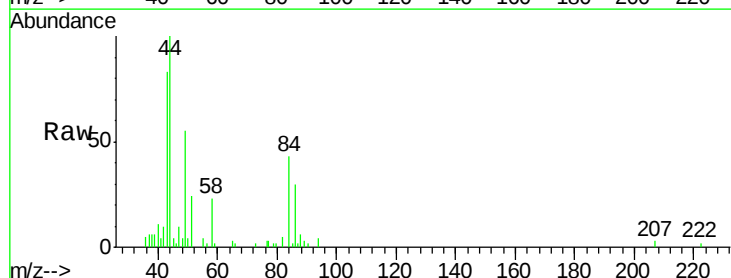
Acq: 15 Feb 2019 13:47

Tgt Ion: 43 Resp: 15313

Ion Ratio Lower Upper

43 100

58 27.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

5000

4000

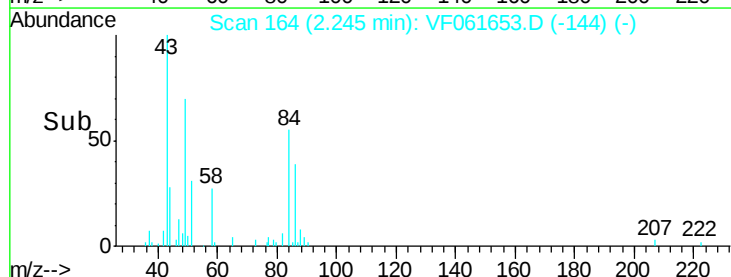
3000

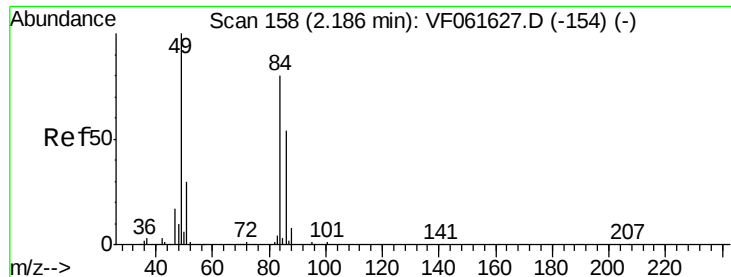
2000

1000

0

Time--> 2.10 2.20 2.30

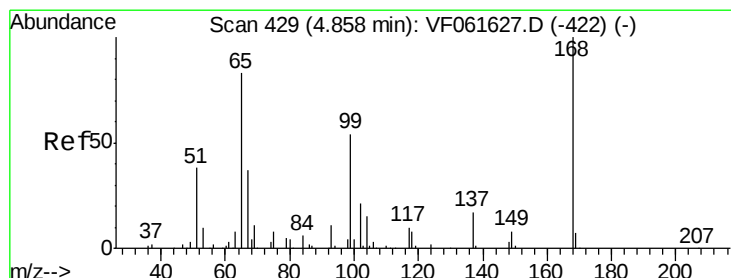
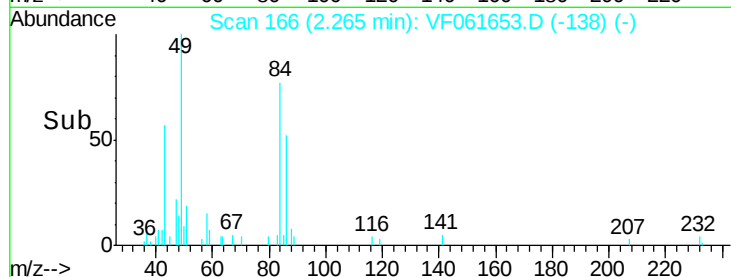
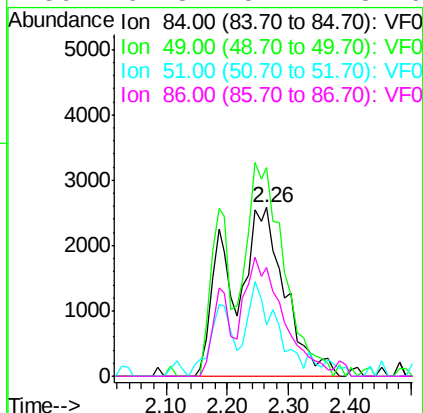
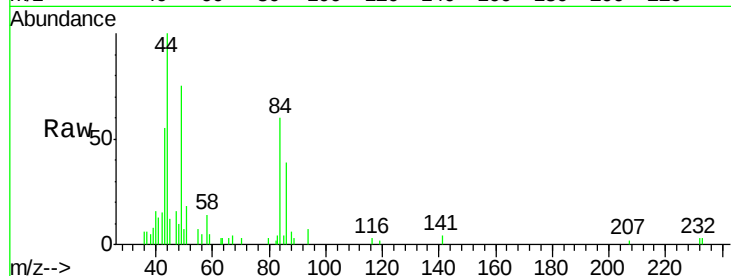




#20
Methvlene Chloride
Concen: 2.395 ug/l
RT: 2.26 min Scan# 166
Delta R.T. 0.08 min
Lab File: VF061653.D
Acq: 15 Feb 2019 13:47

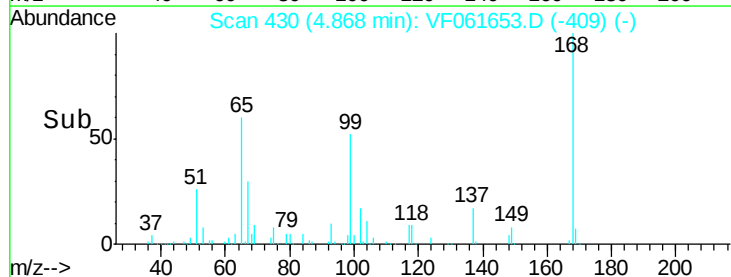
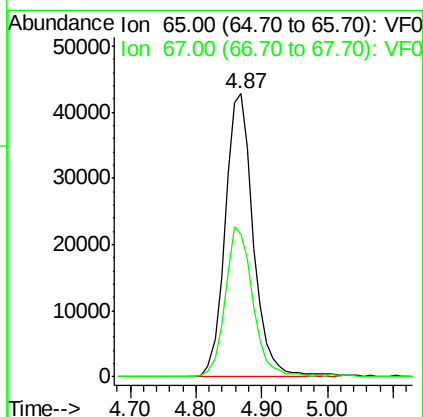
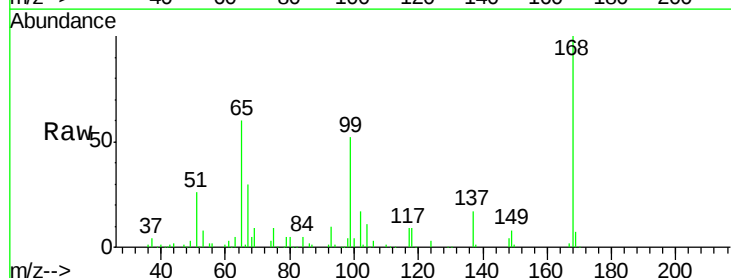
Instrument :
MSVOA_F
ClientSampleId :
VNJ-227RE

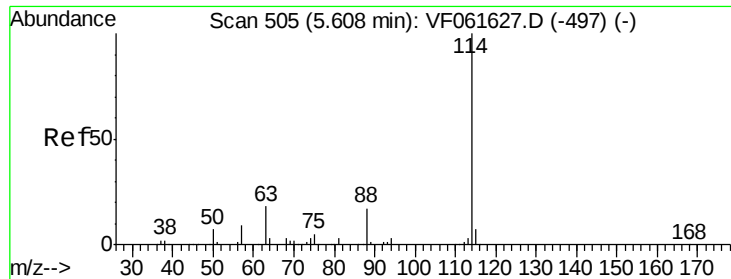
Tot Ion: 84 Resp: 16069
Ion Ratio Lower Upper
84 100
49 124.0 101.8 152.8
51 30.2 31.1 46.7#
86 64.8 54.4 81.6



#33
1,2-Dichloroethane-d4
Concen: 43.928 ug/l
RT: 4.87 min Scan# 430
Delta R.T. 0.01 min
Lab File: VF061653.D
Acq: 15 Feb 2019 13:47

Tgt Ion: 65 Resp: 128035
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

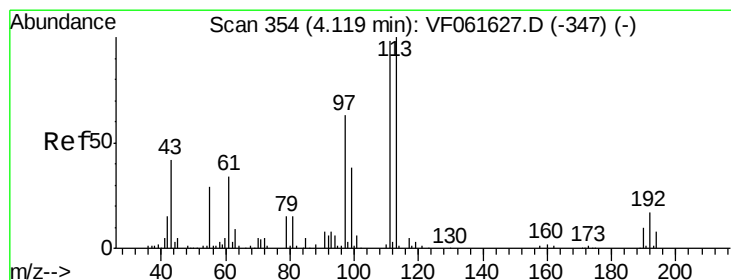
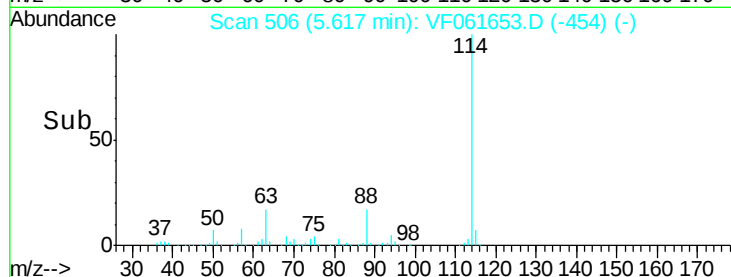
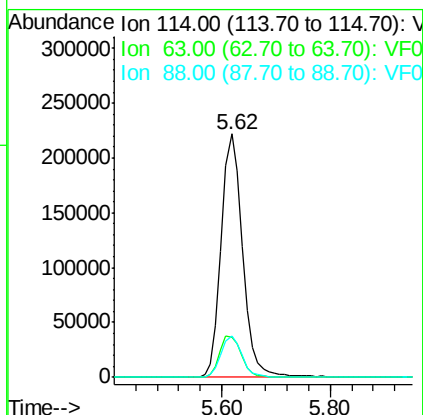
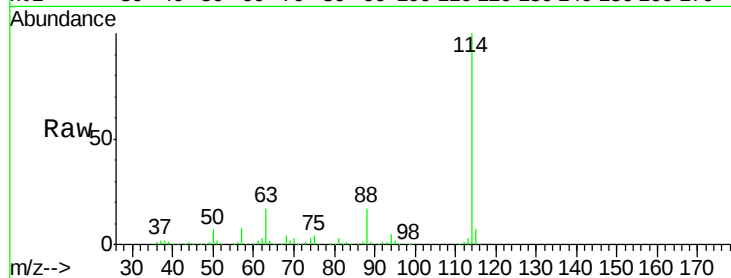




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.01 min
Lab File: VF061653.D
Acq: 15 Feb 2019 13:47

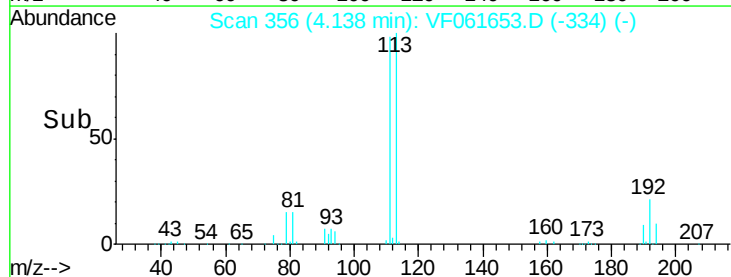
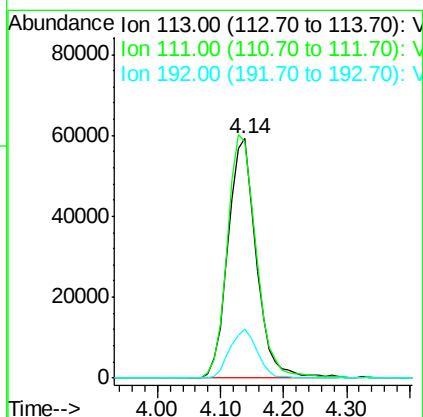
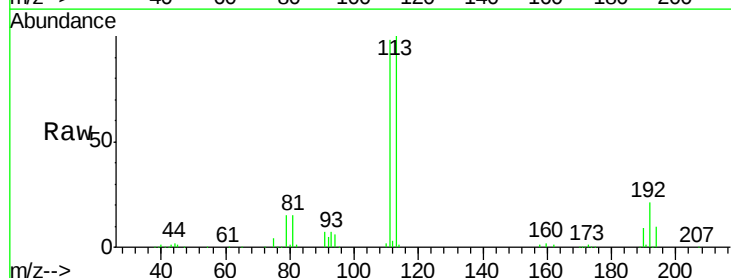
Instrument :
MSVOA_F
ClientSampleId :
VNJ-227RE

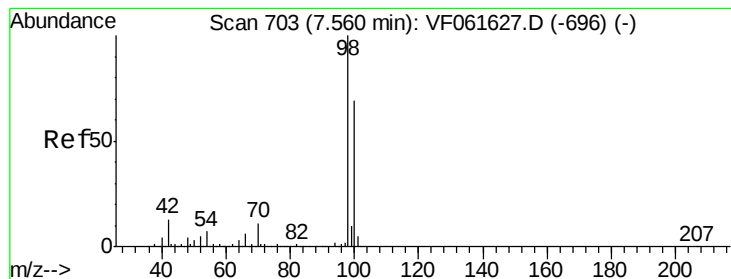
Tot Ion:114 Resp: 612413
Ion Ratio Lower Upper
114 100
63 16.5 0.0 36.6
88 17.0 0.0 34.4



#35
Dibromofluoromethane
Concen: 40.447 ug/l
RT: 4.14 min Scan# 356
Delta R.T. 0.02 min
Lab File: VF061653.D
Acq: 15 Feb 2019 13:47

Tgt Ion:113 Resp: 183945
Ion Ratio Lower Upper
113 100
111 98.4 78.8 118.2
192 21.1 13.4 20.0#





#50

Toluene-d8

Concen: 37.273 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.01 min

Lab File: VF061653.D

Acq: 15 Feb 2019 13:47

Instrument :

MSVOA_F

ClientSampleId :

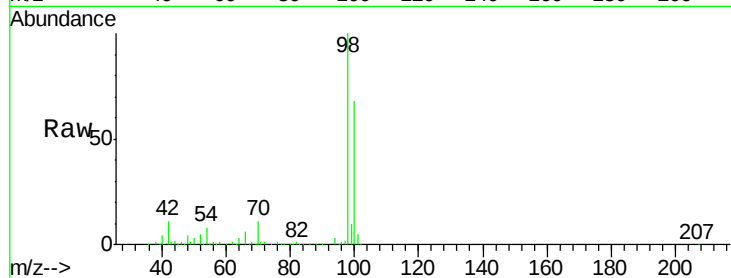
VNJ-227RE

Tot Ion: 98 Resp: 487302

Ion Ratio Lower Upper

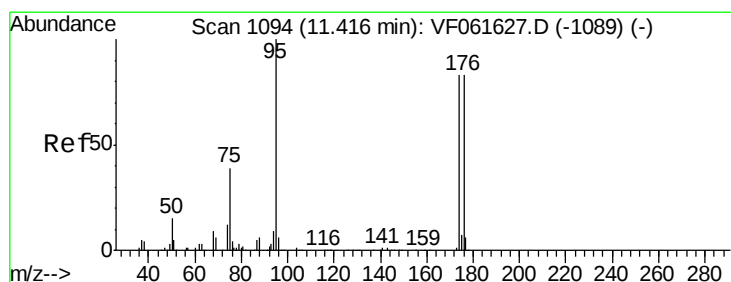
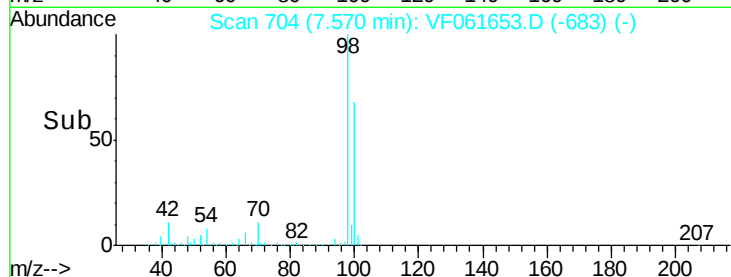
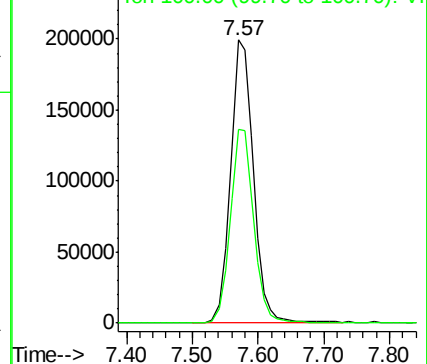
98 100

100 68.4 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#62

4-Bromofluorobenzene

Concen: 38.961 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. 0.01 min

Lab File: VF061653.D

Acq: 15 Feb 2019 13:47

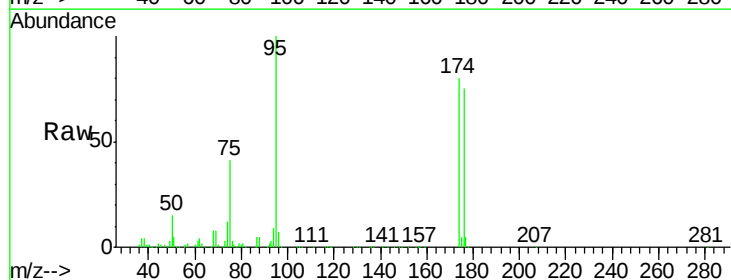
Tgt Ion: 95 Resp: 206100

Ion Ratio Lower Upper

95 100

174 80.2 0.0 165.8

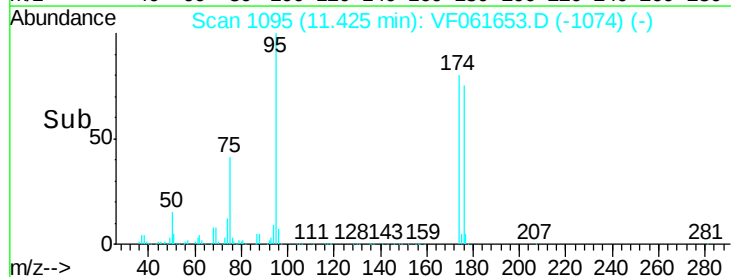
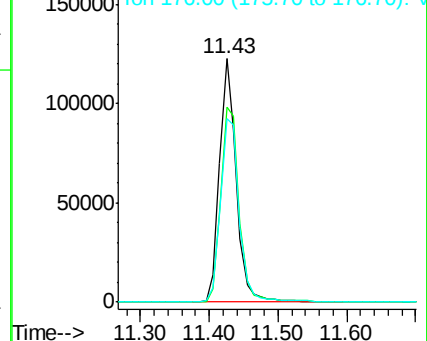
176 75.4 0.0 167.0

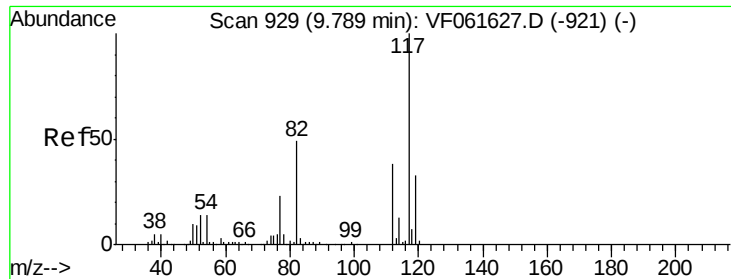


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

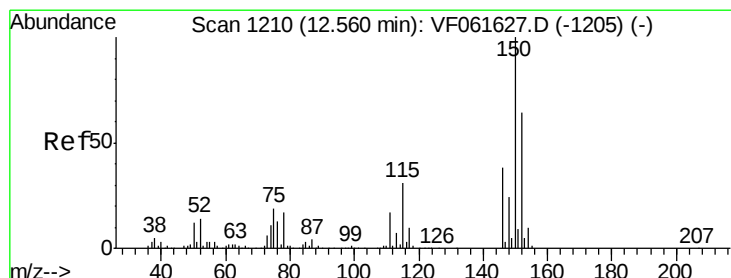
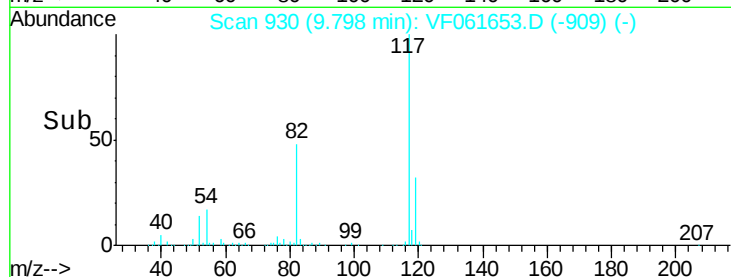
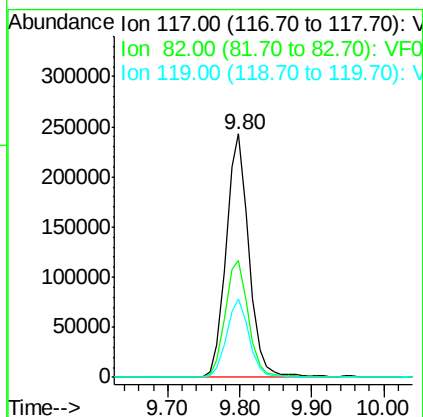
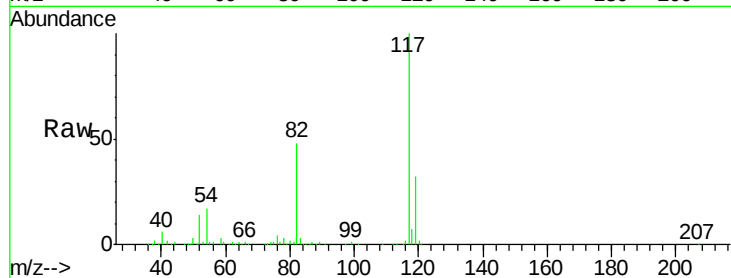




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.80 min Scan# 930
Delta R.T. 0.01 min
Lab File: VF061653.D
Acq: 15 Feb 2019 13:47

Instrument :
MSVOA_F
ClientSampleId :
VNJ-227RE

Tot Ion:117 Resp: 532104
Ion Ratio Lower Upper
117 100
82 48.1 39.3 58.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1211
Delta R.T. 0.01 min
Lab File: VF061653.D
Acq: 15 Feb 2019 13:47

Tgt Ion:152 Resp: 273417
Ion Ratio Lower Upper
152 100
115 48.0 24.3 72.8
150 149.3 0.0 312.0

