

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061645.D
 Acq On : 14 Feb 2019 17:29
 Operator : VA/AP
 Sample : K1484-07
 Misc : 6.01g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-2-D

Quant Time: Feb 15 01:32:58 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

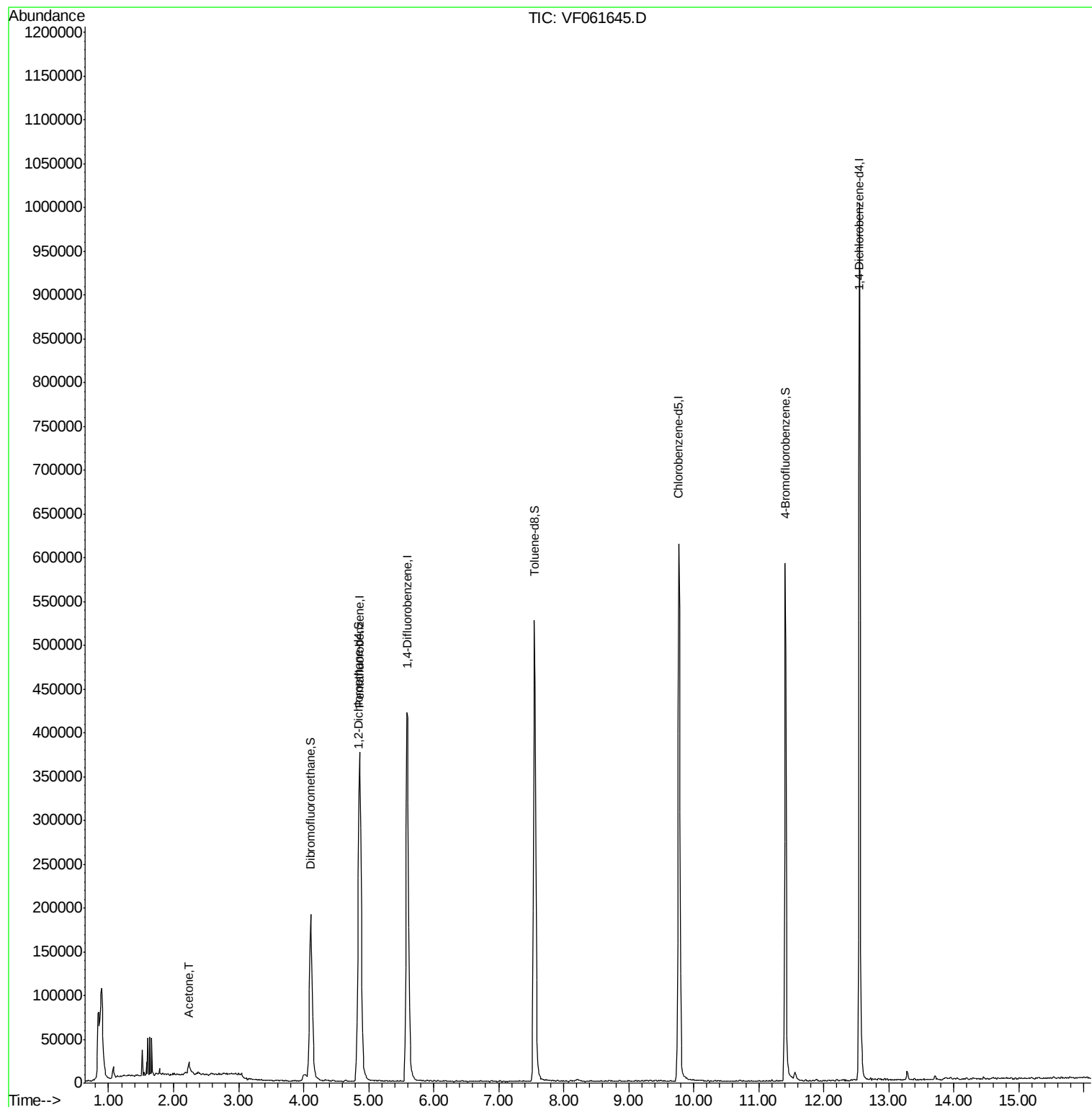
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	370061	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.60	114	554726	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	497570	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	288815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	124126	45.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.48%	
35) Dibromofluoromethane	4.11	113	186021	45.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.32%	
50) Toluene-d8	7.55	98	483176	40.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.60%	
62) 4-Bromofluorobenzene	11.41	95	222178	46.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.74%	
Target Compounds						
16) Acetone	2.24	43	21888	37.593	ug/l	Qvalue 96

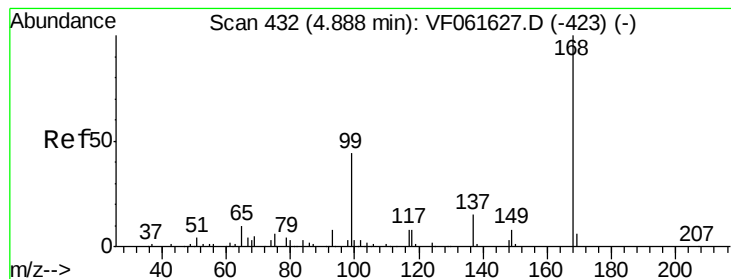
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.02 min

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MSVOA_F

ClientSampleId :

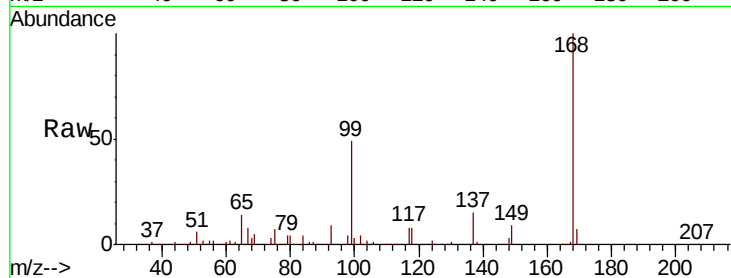
M-2-D

Tgt Ion:168 Resp: 370061

Ion Ratio Lower Upper

168 100

99 49.0 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

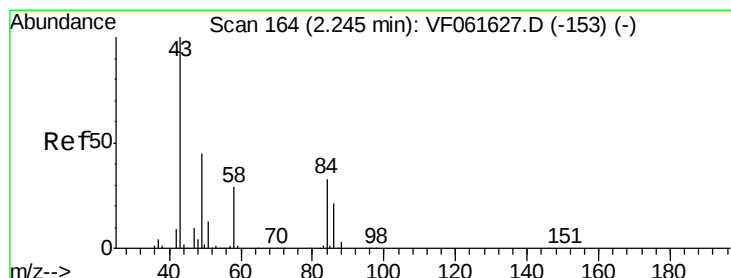
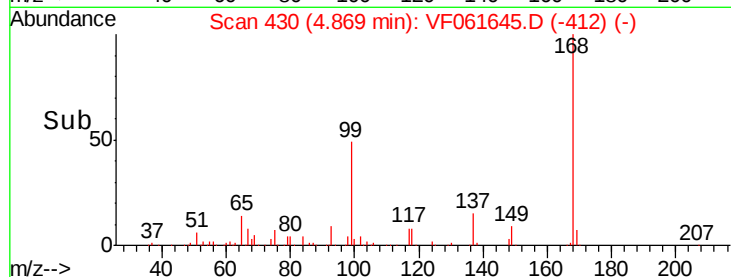
4.87

100000

50000

0

Time-->



#16

Acetone

Concen: 37.593 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061645.D

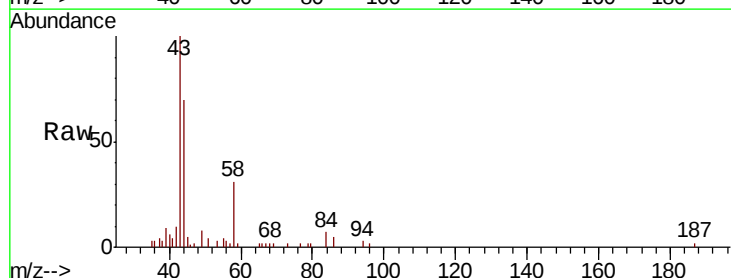
Acq: 14 Feb 2019 17:29

Tgt Ion: 43 Resp: 21888

Ion Ratio Lower Upper

43 100

58 30.5 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

8000

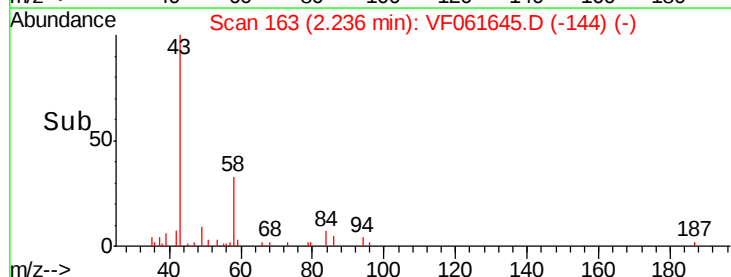
6000

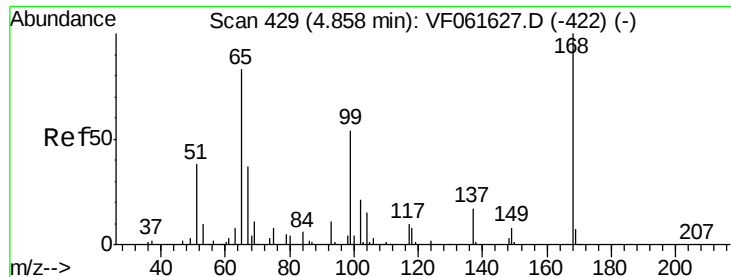
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.740 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.02 min

Lab File: VF061645.D

Acq: 14 Feb 2019 17:29

Instrument :

MSVOA_F

ClientSampleId :

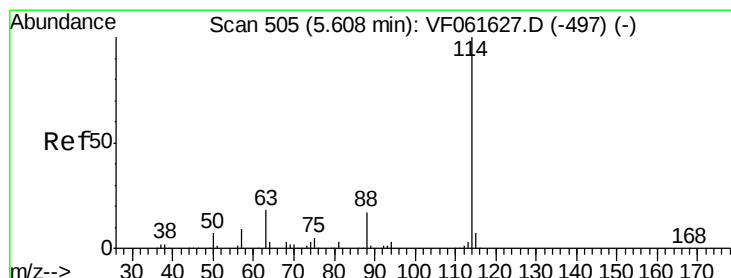
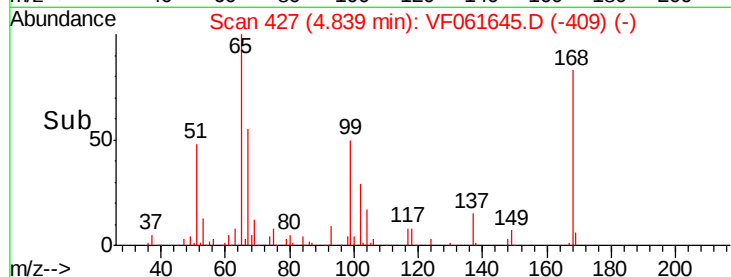
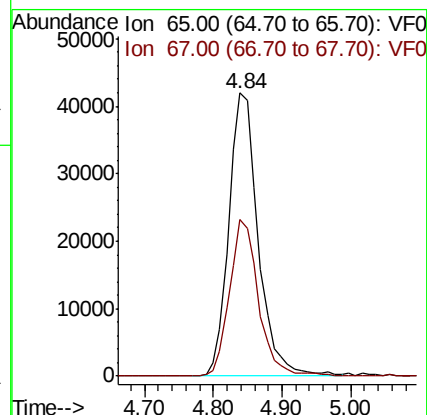
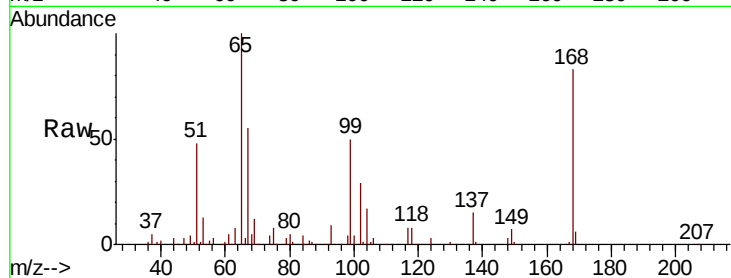
M-2-D

Tgt Ion: 65 Resp: 124126

Ion Ratio Lower Upper

65 100

67 55.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061645.D

Acq: 14 Feb 2019 17:29

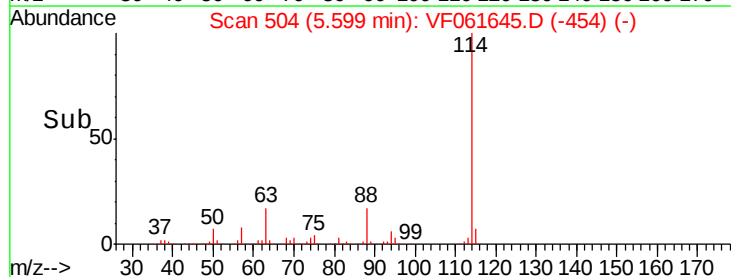
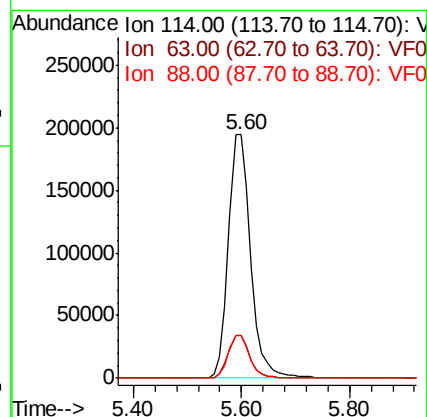
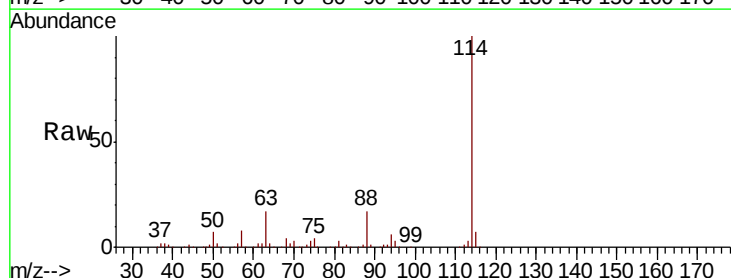
Tgt Ion: 114 Resp: 554726

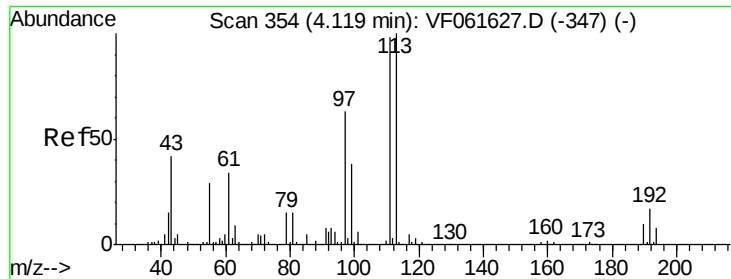
Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

88 17.4 0.0 34.4

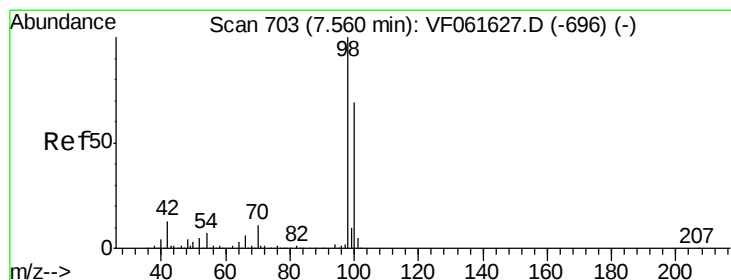
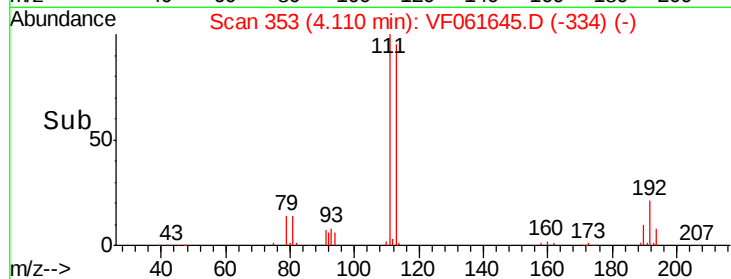
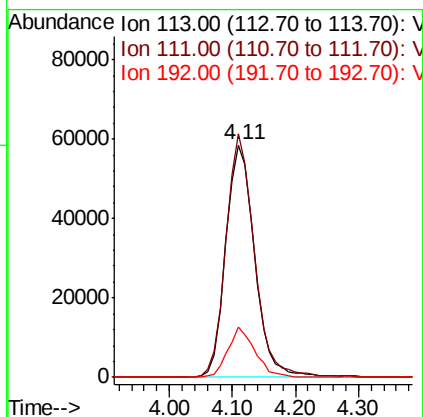
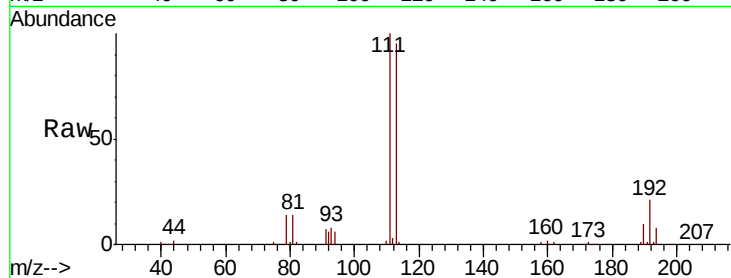




#35
 Dibromofluoromethane
 Concen: 45.157 ug/l
 RT: 4.11 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VF061645.D
 Acq: 14 Feb 2019 17:29

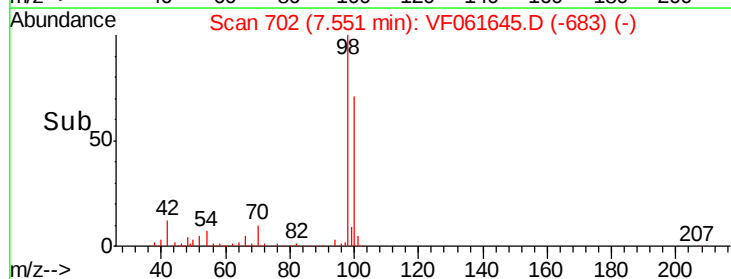
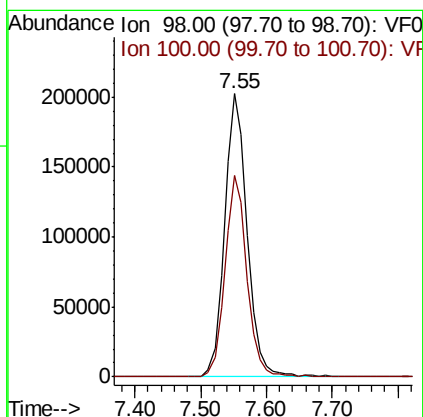
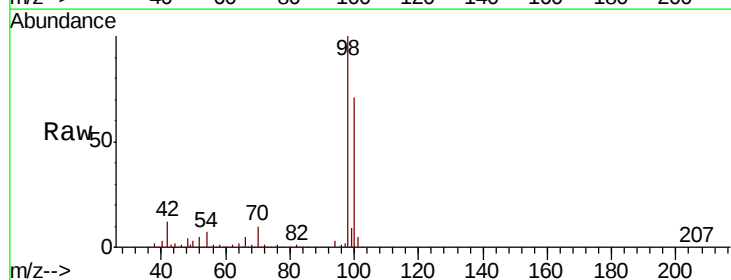
Instrument :
 MSVOA_F
 ClientSampleId :
 M-2-D

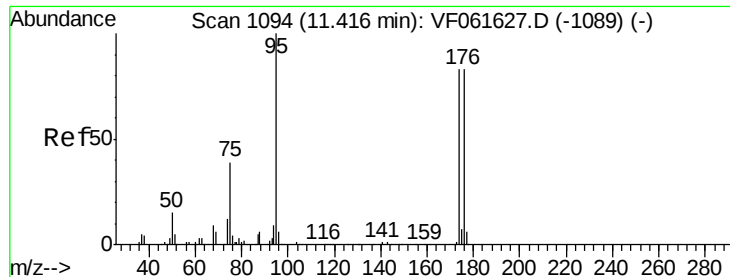
Tgt Ion: 113 Resp: 186021
 Ion Ratio Lower Upper
 113 100
 111 104.8 78.8 118.2
 192 21.9 13.4 20.0#



#50
 Toluene-d8
 Concen: 40.801 ug/l
 RT: 7.55 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VF061645.D
 Acq: 14 Feb 2019 17:29

Tgt Ion: 98 Resp: 483176
 Ion Ratio Lower Upper
 98 100
 100 71.3 55.4 83.2





#62

4-Bromofluorobenzene

Concen: 46.369 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061645.D

Acq: 14 Feb 2019 17:29

Instrument :

MSVOA_F

ClientSampleId :

M-2-D

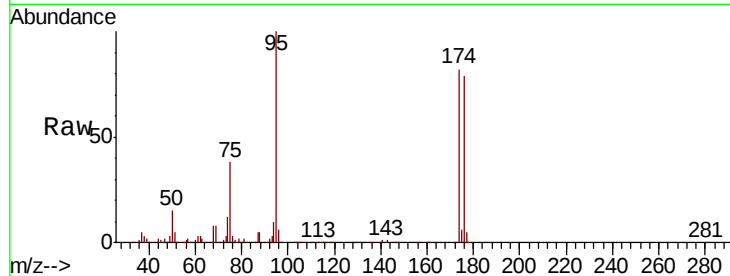
Tgt Ion: 95 Resp: 222178

Ion Ratio Lower Upper

95 100

174 82.4 0.0 165.8

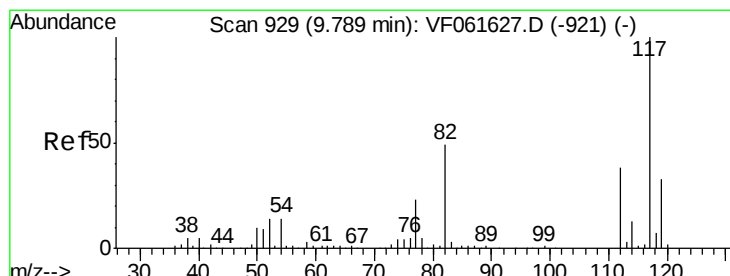
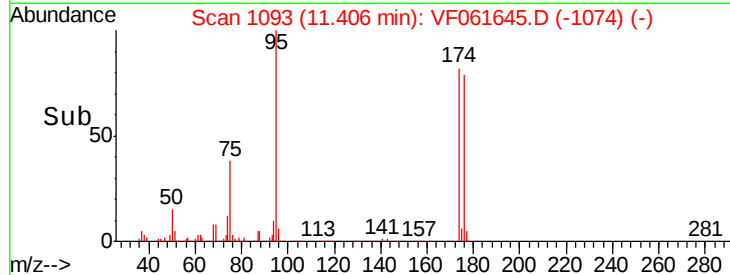
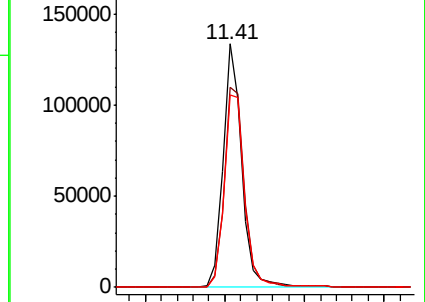
176 78.8 0.0 167.0



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: 9.77 min Scan# 927

Delta R.T. -0.02 min

Lab File: VF061645.D

Acq: 14 Feb 2019 17:29

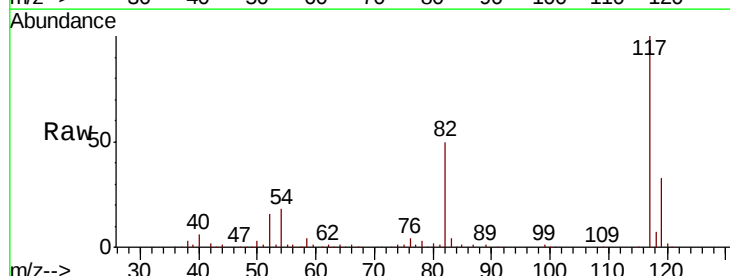
Tgt Ion: 117 Resp: 497570

Ion Ratio Lower Upper

117 100

82 49.9 39.3 58.9

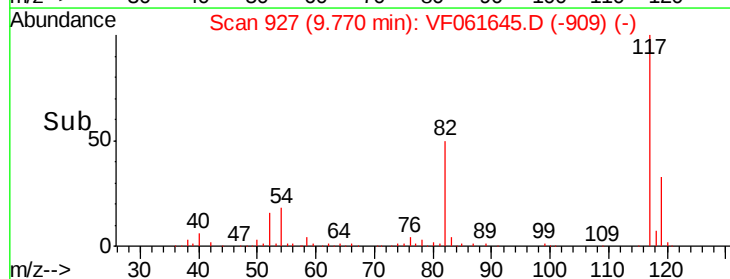
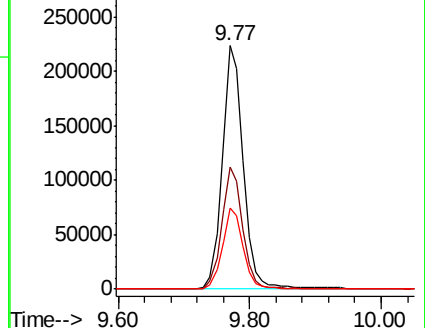
119 33.4 26.6 40.0

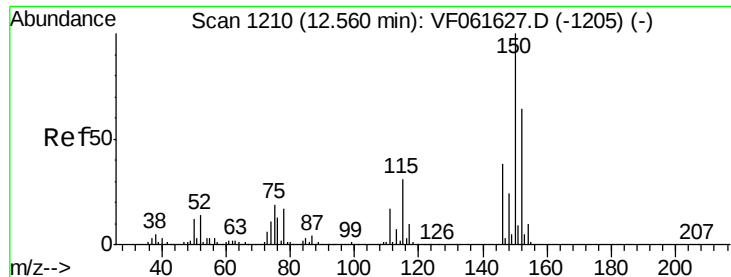


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF061645.D

Acq: 14 Feb 2019 17:29

Instrument :

MSVOA_F

ClientSampleId :

M-2-D

Tgt Ion:152 Resp: 288815

Ion Ratio Lower Upper

152 100

115 51.3 24.3 72.8

150 157.3 0.0 312.0

