

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF021419\
 Data File : VF061644.D
 Acq On : 14 Feb 2019 17:00
 Operator : VA/AP
 Sample : K1484-03
 Misc : 5.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 M-2-S

Quant Time: Feb 15 01:32:13 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

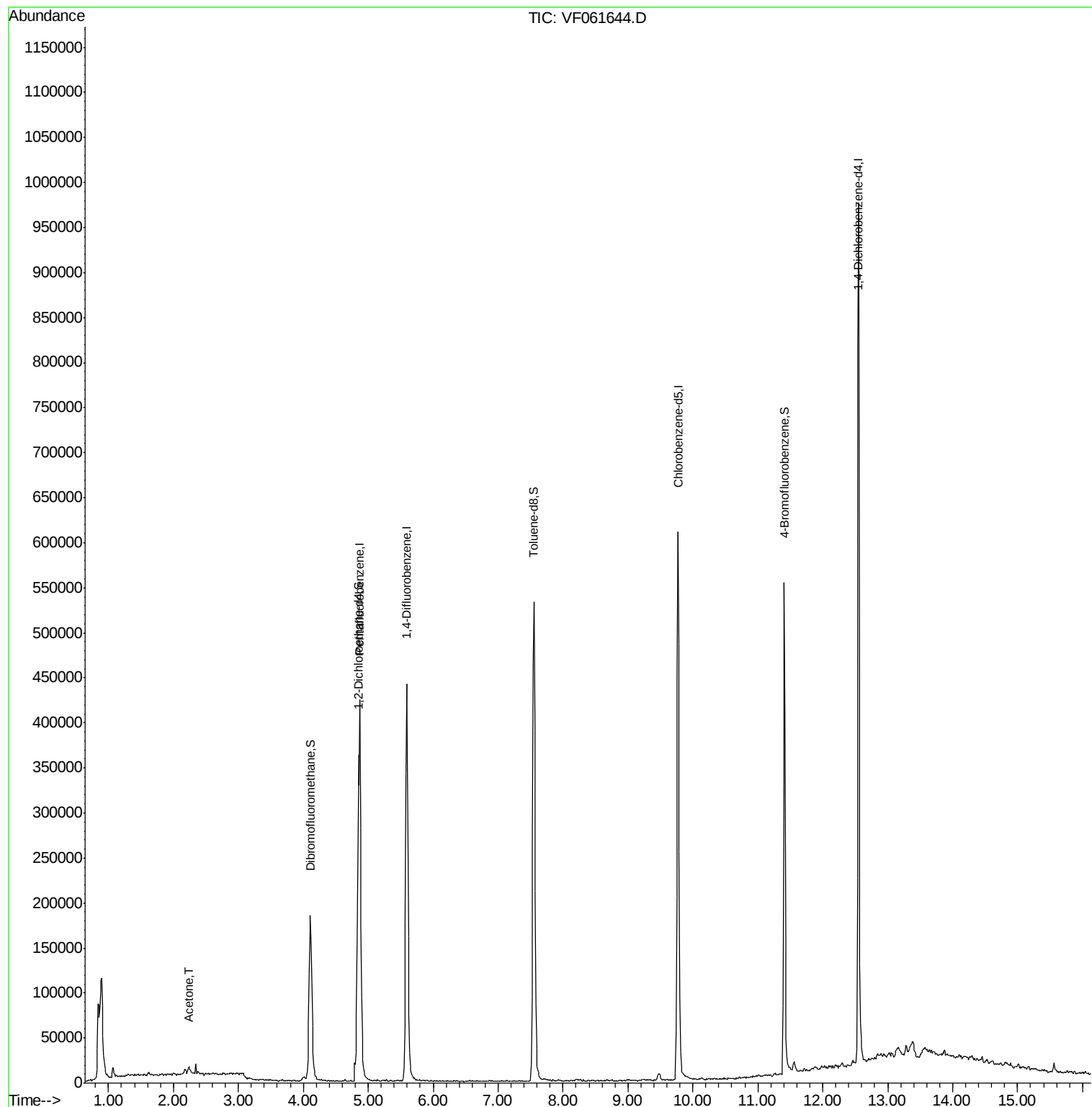
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	362468	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.59	114	574832	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	490452	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	284482	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	114359	43.02	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.04%	
35) Dibromofluoromethane	4.11	113	181581	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.08%	
50) Toluene-d8	7.55	98	482594	39.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.66%	
62) 4-Bromofluorobenzene	11.41	95	207034	41.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.40%	
Target Compounds						
16) Acetone	2.24	43	8567	15.022	ug/l	Qvalue 95

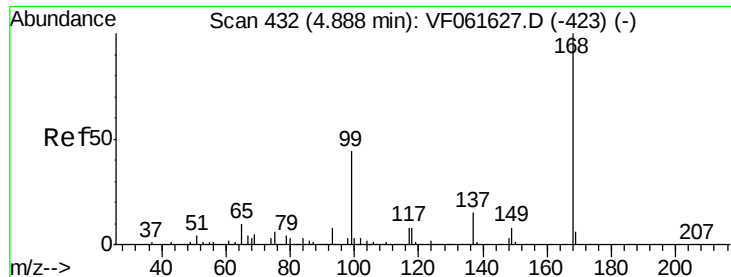
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#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 :

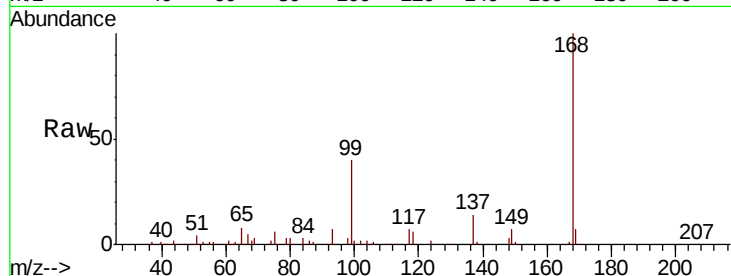
M-2-S

Tgt Ion:168 Resp: 362468

Ion Ratio Lower Upper

168 100

99 40.1 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

150000

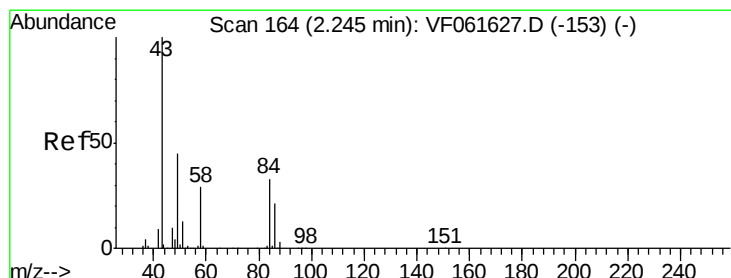
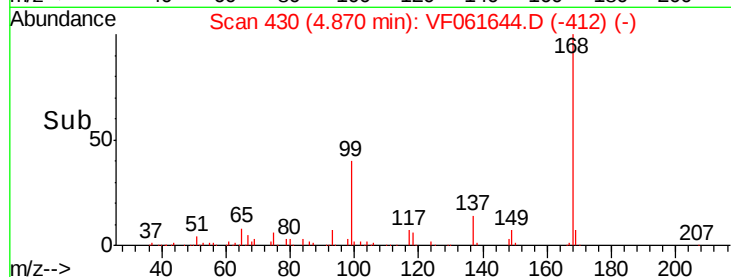
100000

50000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 15.022 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061644.D

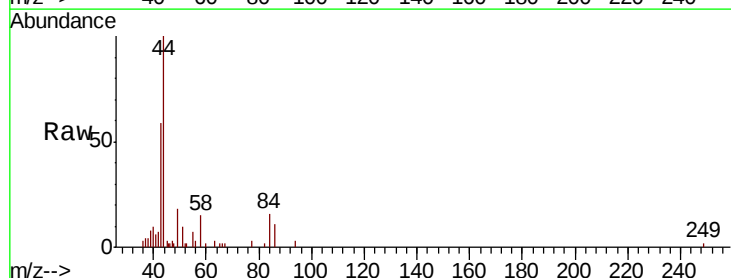
Acq: 14 Feb 2019 17:00

Tgt Ion: 43 Resp: 8567

Ion Ratio Lower Upper

43 100

58 26.1 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

4000

3000

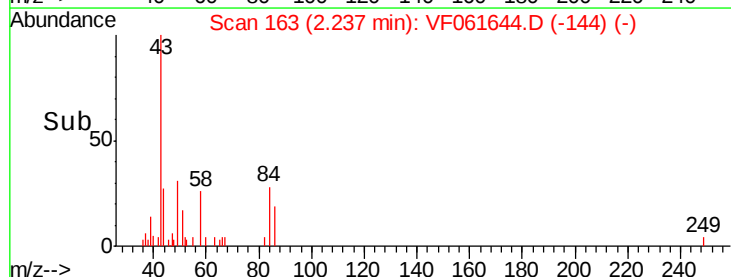
2000

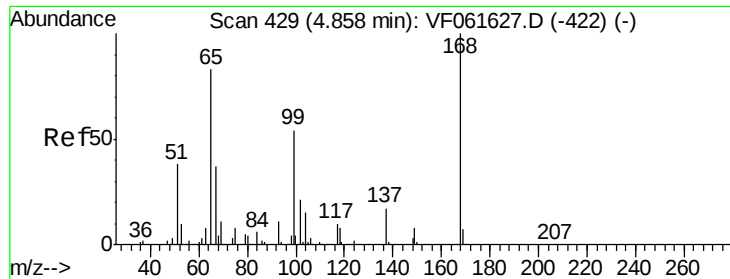
1000

0

Time-->

2.15 2.20 2.25 2.30 2.35

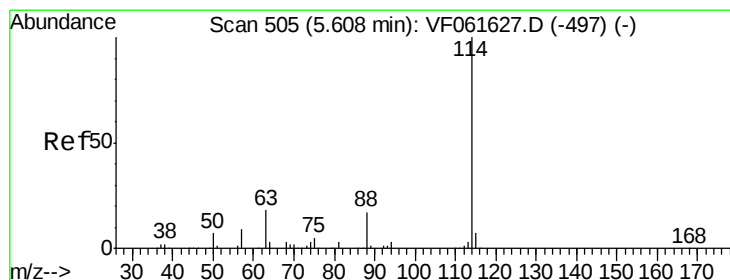
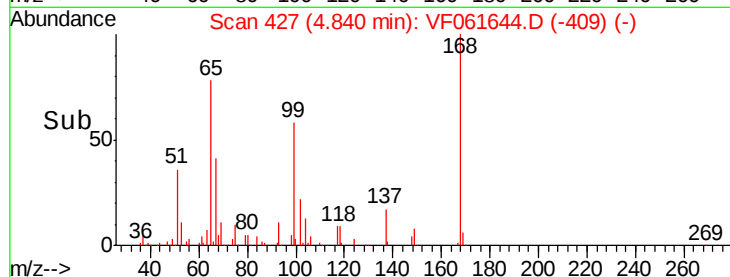
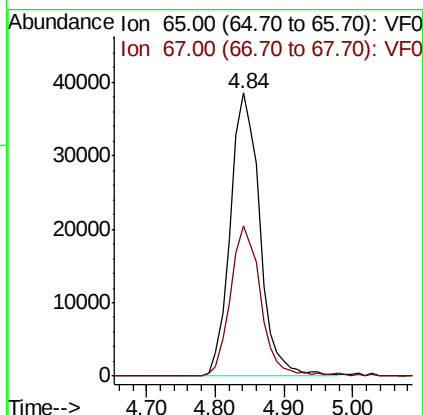
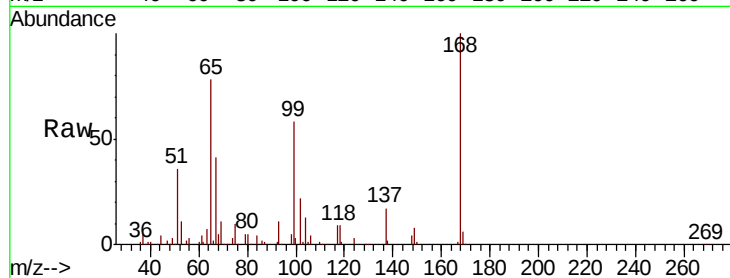




#33
 1,2-Dichloroethane-d4
 Concen: 43.024 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.02 min
 Lab File: VF061644.D
 Acq: 14 Feb 2019 17:00

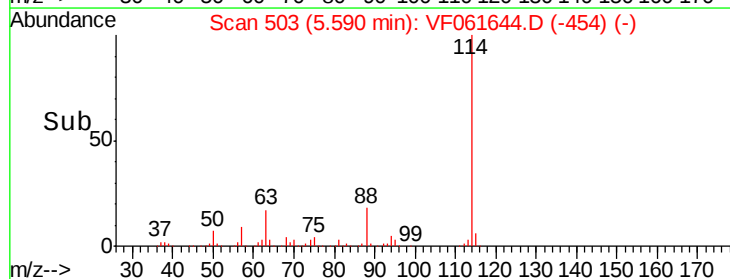
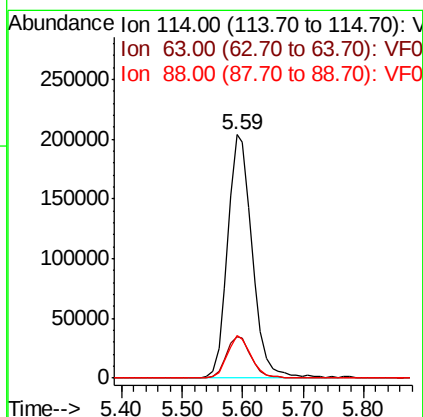
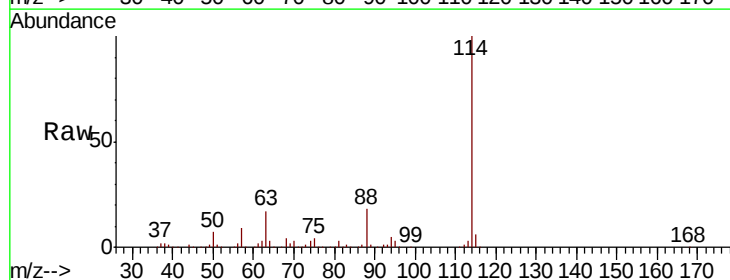
Instrument :
 MSVOA_F
 ClientSampleId :
 M-2-S

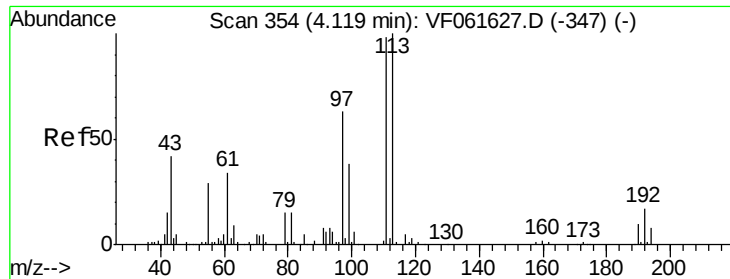
Tgt Ion: 65 Resp: 114359
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: VF061644.D
 Acq: 14 Feb 2019 17:00

Tgt Ion: 114 Resp: 574832
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.6
 88 17.5 0.0 34.4





#35

Dibromofluoromethane

Concen: 42.537 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061644.D

Acq: 14 Feb 2019 17:00

Instrument :

MSVOA_F

ClientSampleId :

M-2-S

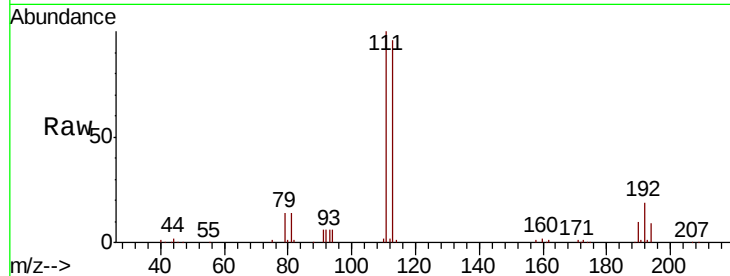
Tgt Ion:113 Resp: 181581

Ion Ratio Lower Upper

113 100

111 104.6 78.8 118.2

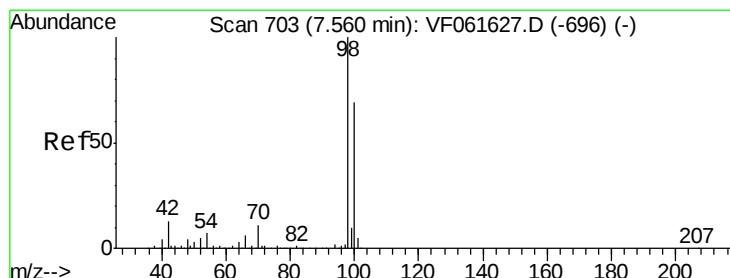
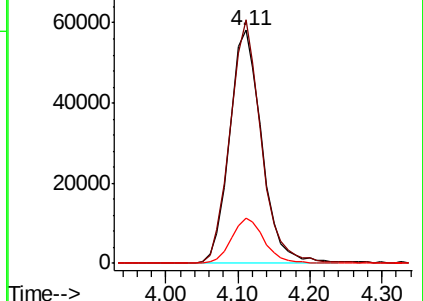
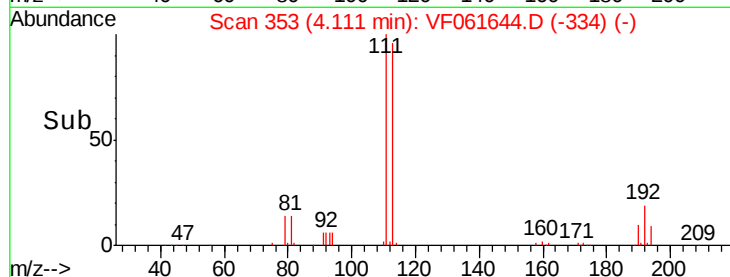
192 20.2 13.4 20.0#



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 39.327 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061644.D

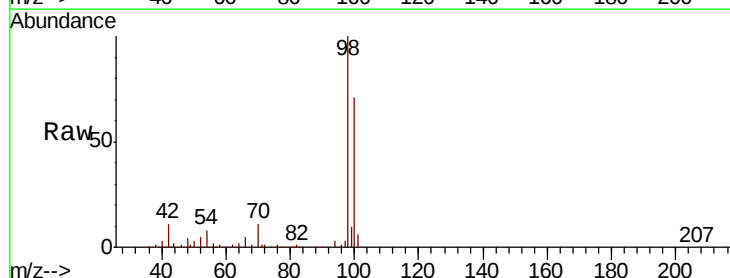
Acq: 14 Feb 2019 17:00

Tgt Ion: 98 Resp: 482594

Ion Ratio Lower Upper

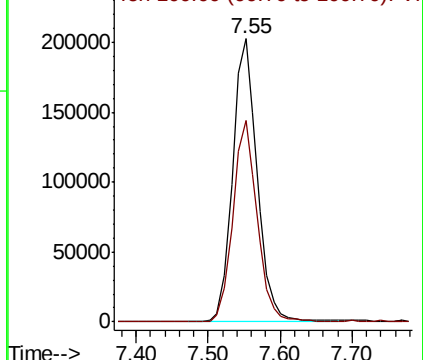
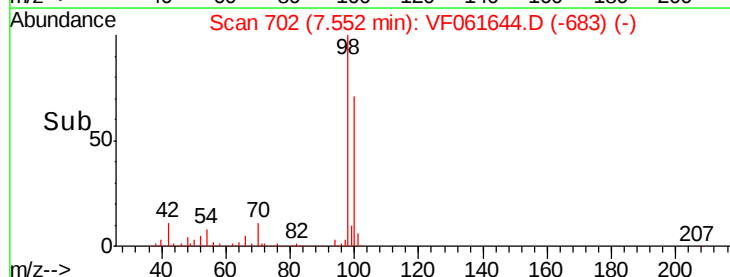
98 100

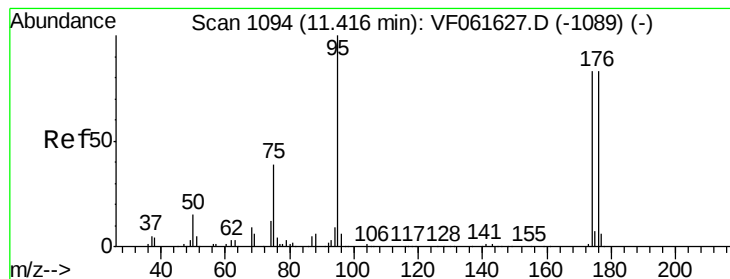
100 71.1 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 41.697 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061644.D

Acq: 14 Feb 2019 17:00

Instrument :

MSVOA_F

ClientSampleId :

M-2-S

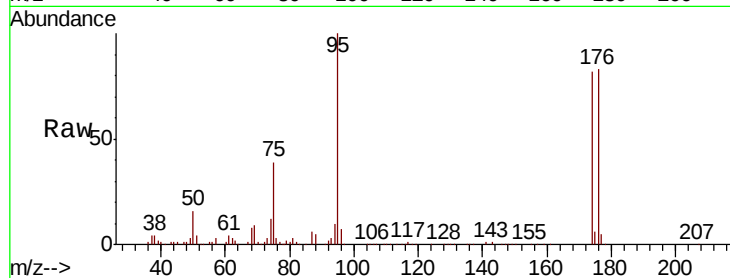
Tgt Ion: 95 Resp: 207034

Ion Ratio Lower Upper

95 100

174 82.0 0.0 165.8

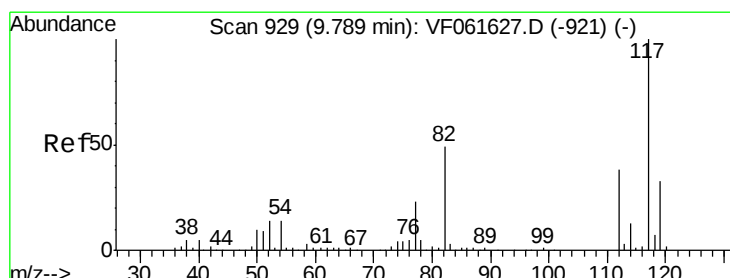
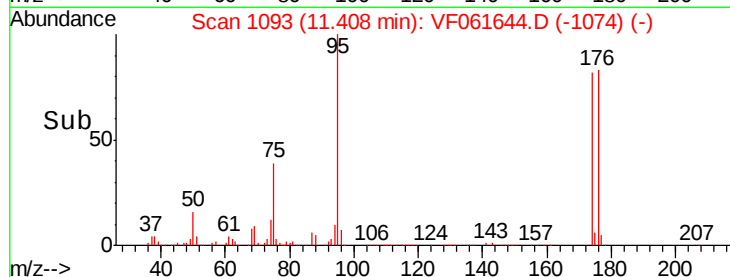
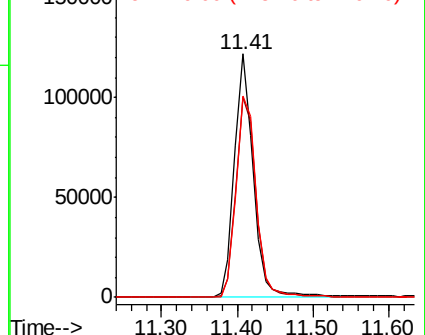
176 82.6 0.0 167.0



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: VF061644.D

Acq: 14 Feb 2019 17:00

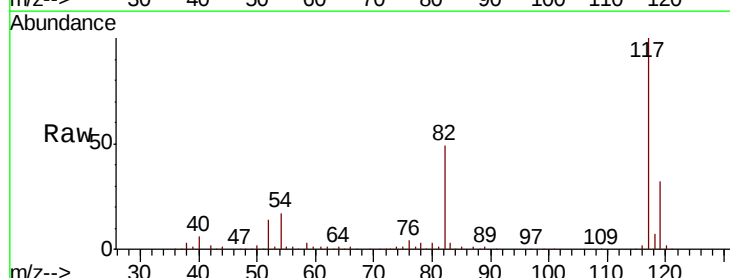
Tgt Ion: 117 Resp: 490452

Ion Ratio Lower Upper

117 100

82 48.8 39.3 58.9

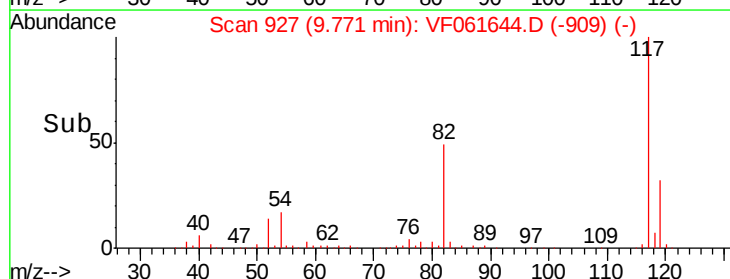
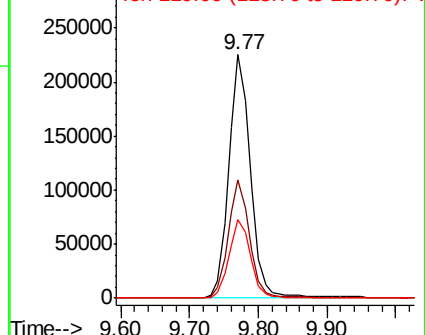
119 32.0 26.6 40.0

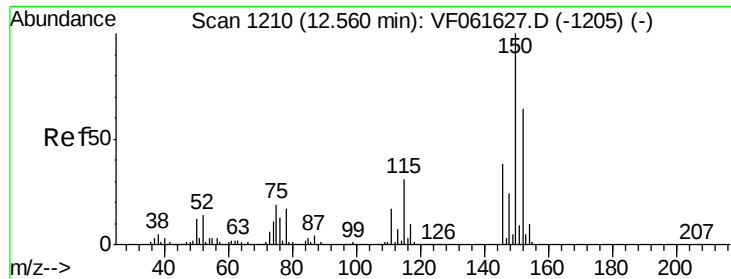


Abundance Ion 117.00 (116.70 to 117.70): V

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: VF061644.D

Acq: 14 Feb 2019 17:00

Instrument :

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ClientSampleId :

M-2-S

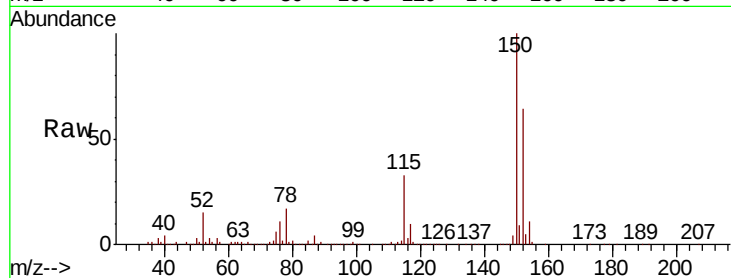
Tgt Ion:152 Resp: 284482

Ion Ratio Lower Upper

152 100

115 51.9 24.3 72.8

150 155.4 0.0 312.0



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

