

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF022819\
 Data File : VF061786.D
 Acq On : 28 Feb 2019 14:25
 Operator : VA/AP
 Sample : VF0228SBL01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0228SBL01

Quant Time: Mar 01 00:18:07 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

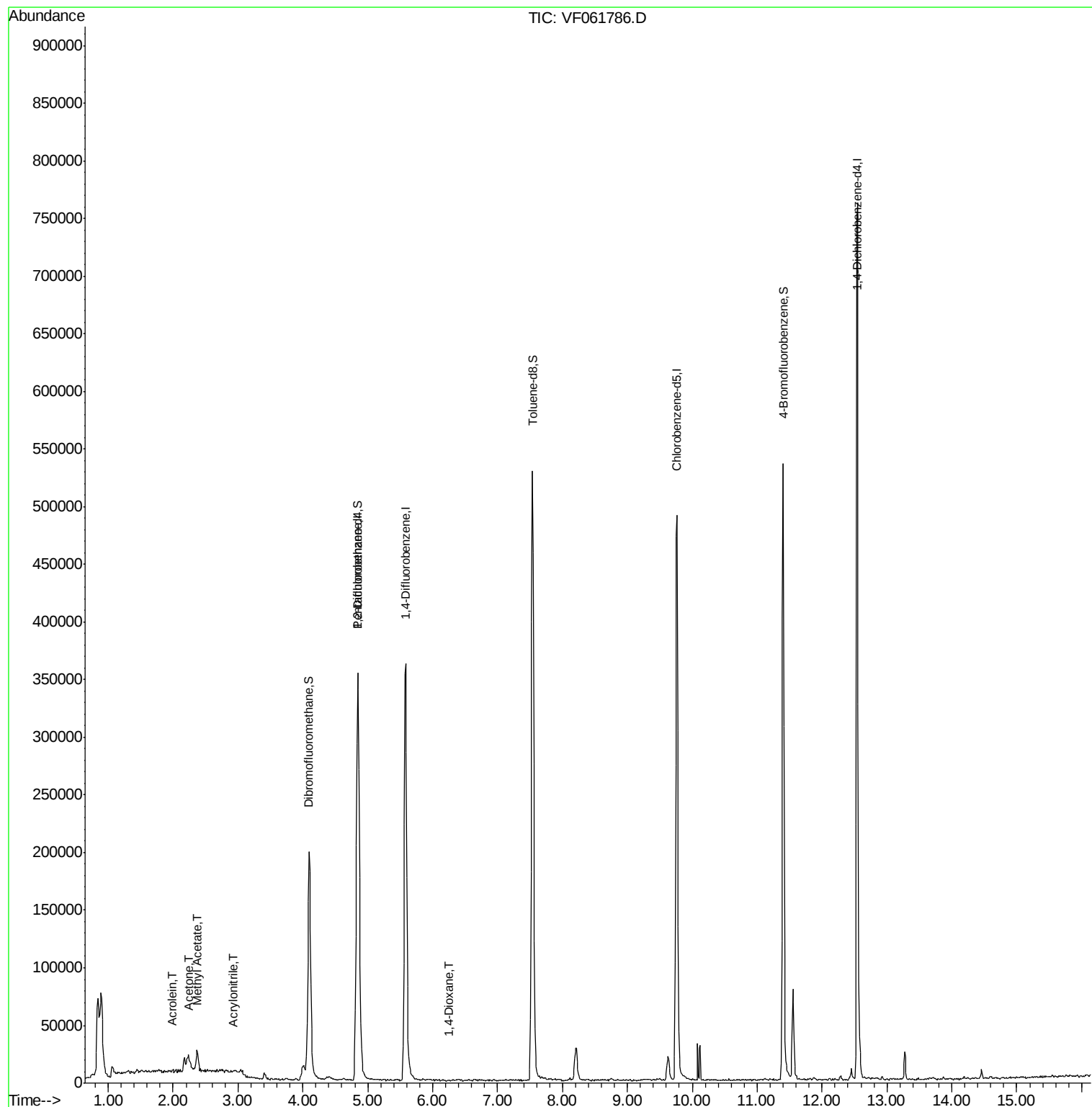
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	322697	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	471468	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	410092	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.55	152	242739	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	127671	53.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	107.90%	
35) Dibromofluoromethane	4.10	113	189626	54.16	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	108.32%	
50) Toluene-d8	7.54	98	475179	47.21	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.40	95	197664	48.54	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.08%	
Target Compounds						
					Qvalue	
13) Acrolein	1.98	56	621	3.608	ug/l #	42
15) Acrylonitrile	2.92	53	522	1.075	ug/l #	18
16) Acetone	2.25	43	2442	4.810	ug/l	99
18) Methyl Acetate	2.37	43	9225	8.065	ug/l #	71
20) Methylene Chloride	2.18	84	6559	Below Cal		92
49) 1,4-Dioxane	6.24	88	62	4.268	ug/l #	1

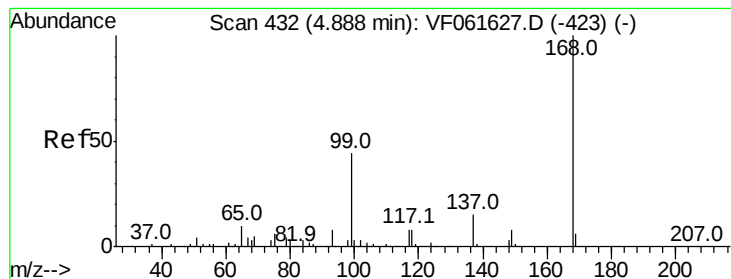
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF022819\
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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: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061786.D

Acq: 28 Feb 2019 14:25

Instrument :

MSVOA_F

ClientSampleId :

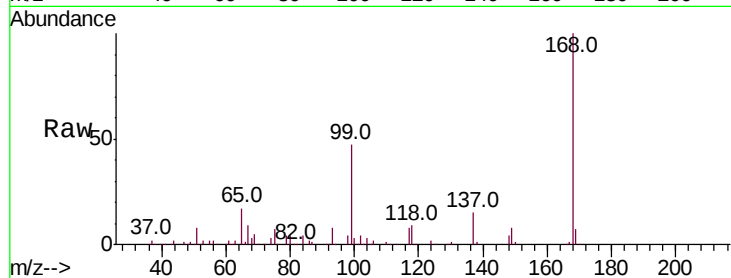
VF0228SBL01

Tot Ion:168 Resp: 322697

Ion Ratio Lower Upper

168 100

99 47.5 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

120000

100000

80000

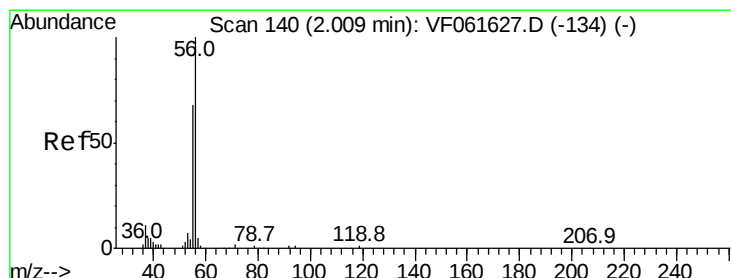
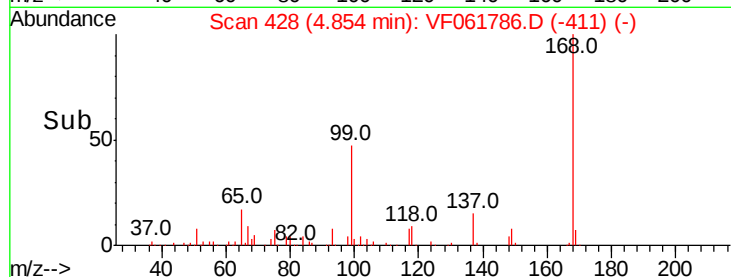
60000

40000

20000

0

Time-->



#13

Acrolein

Concen: 3.608 ug/l

RT: 1.98 min Scan# 136

Delta R.T. -0.03 min

Lab File: VF061786.D

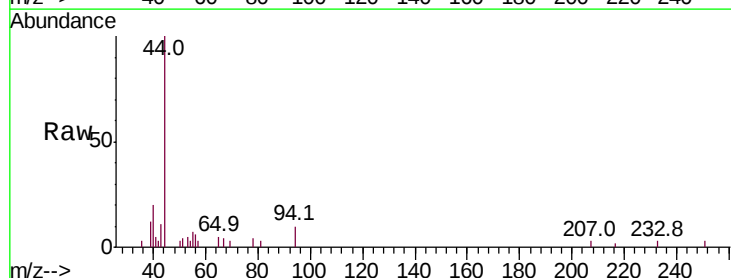
Acq: 28 Feb 2019 14:25

Tgt Ion: 56 Resp: 621

Ion Ratio Lower Upper

56 100

55 115.9 55.0 82.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

1.98

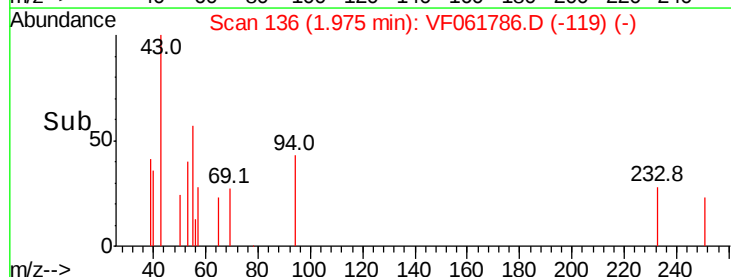
300

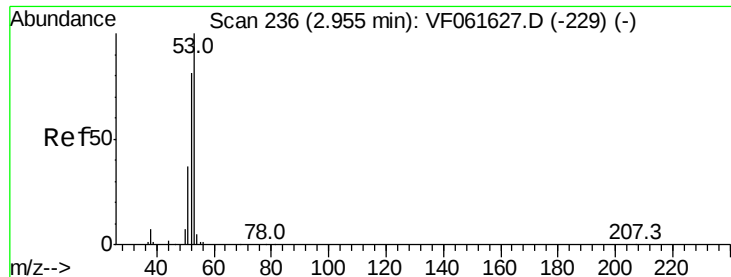
200

100

0

Time-->





#15

Acrylonitrile

Concen: 1.075 ug/l

RT: 2.92 min Scan# 232

Delta R.T. -0.03 min

Lab File: VF061786.D

Acq: 28 Feb 2019 14:25

Instrument :

MSVOA_F

ClientSampled :

VF0228SBL01

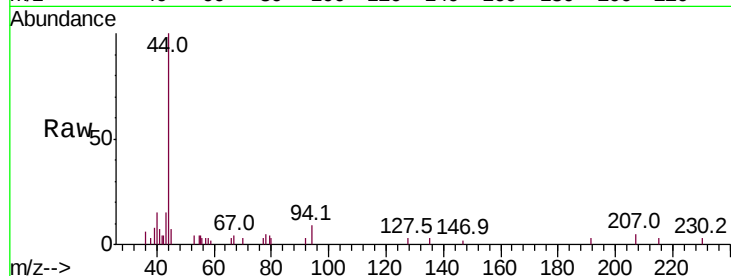
Tot Ion: 53 Resp: 522

Ion Ratio Lower Upper

53 100

52 0.0 64.6 97.0#

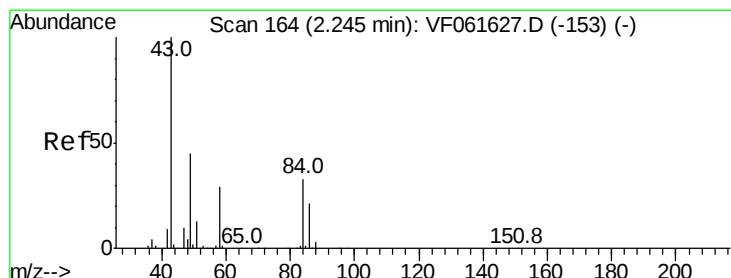
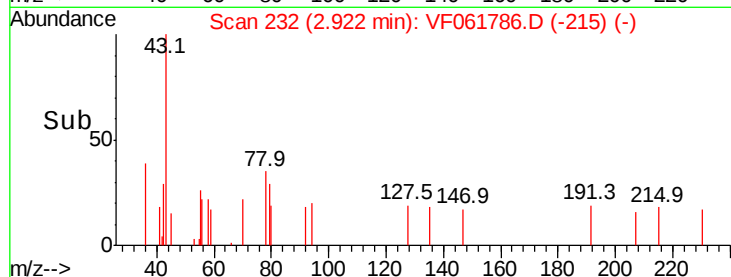
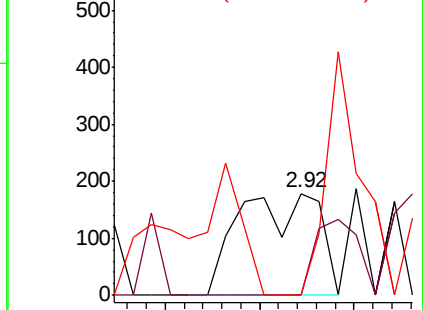
51 0.0 29.8 44.8#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 4.810 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061786.D

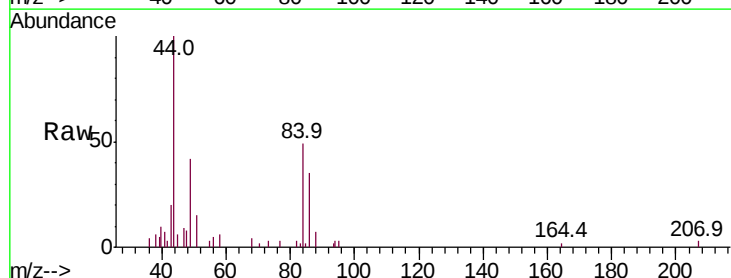
Acq: 28 Feb 2019 14:25

Tgt Ion: 43 Resp: 2442

Ion Ratio Lower Upper

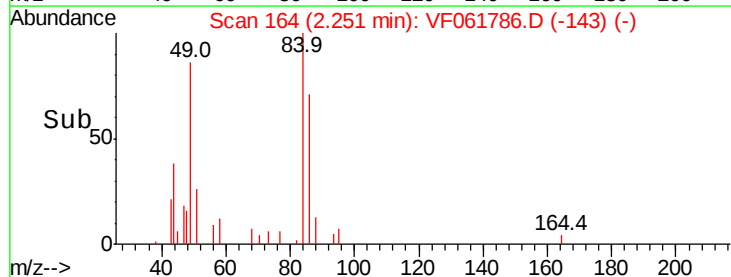
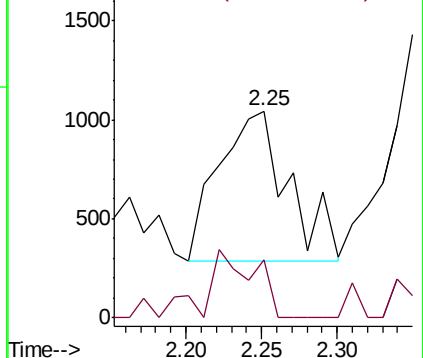
43 100

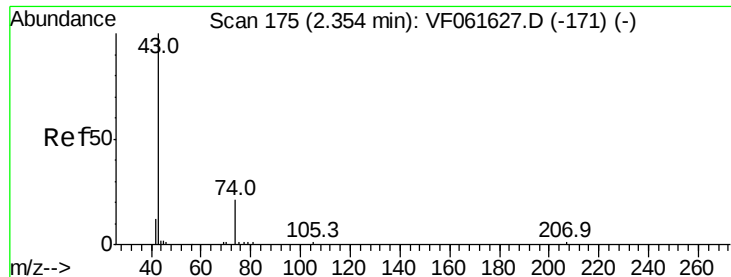
58 27.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

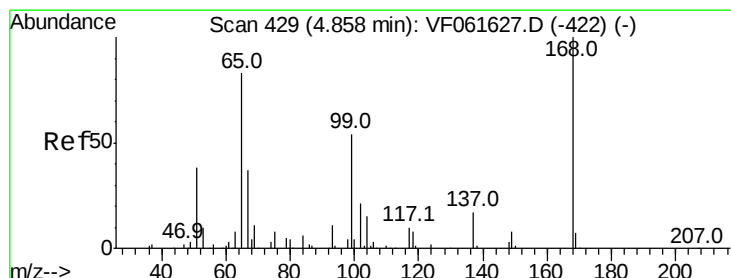
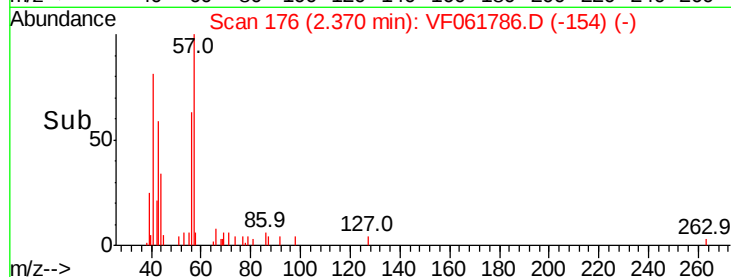
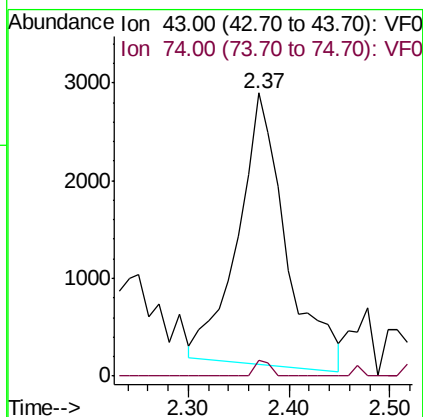
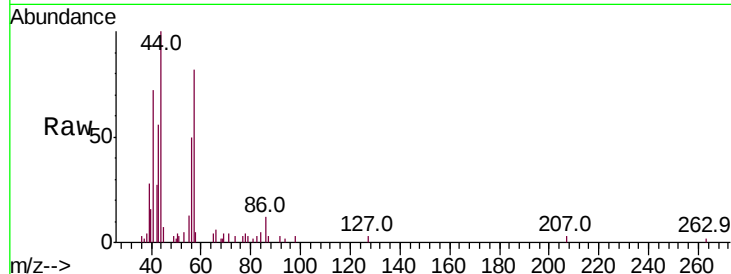




#18
Methvl Acetate
Concen: 8.065 ug/l
RT: 2.37 min Scan# 176
Delta R.T. 0.02 min
Lab File: VF061786.D
Acq: 28 Feb 2019 14:25

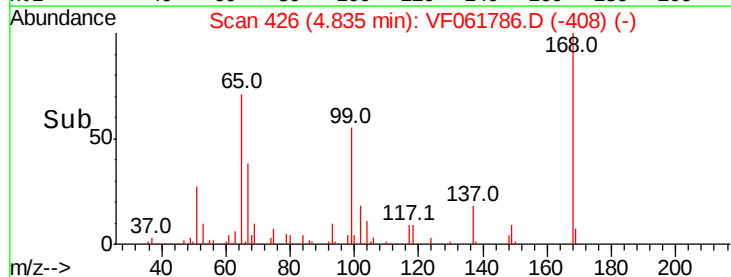
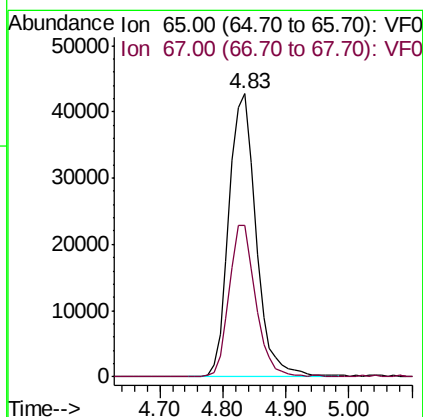
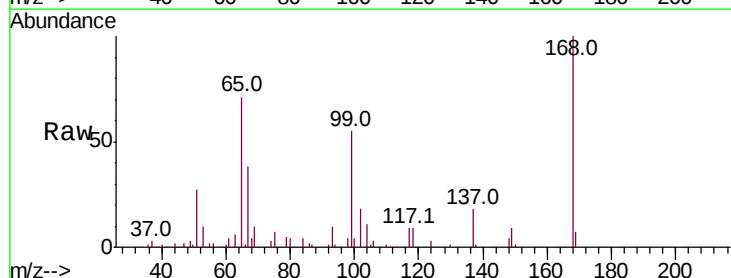
Instrument :
MSVOA_F
ClientSampleId :
VF0228SBL01

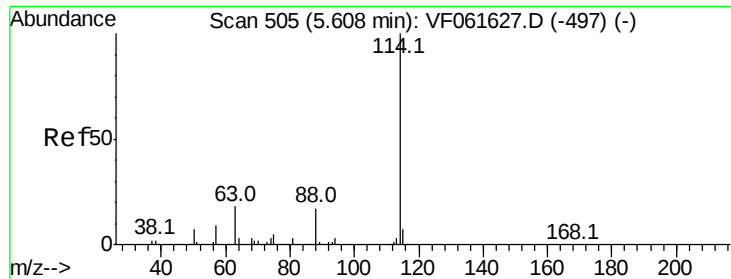
Tot Ion: 43 Resp: 9225
Ion Ratio Lower Upper
43 100
74 5.5 14.6 21.8#



#33
1,2-Dichloroethane-d4
Concen: 53.952 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061786.D
Acq: 28 Feb 2019 14:25

Tgt Ion: 65 Resp: 127671
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061786.D

Acq: 28 Feb 2019 14:25

Instrument :

MSVOA_F

ClientSampleId :

VF0228SBL01

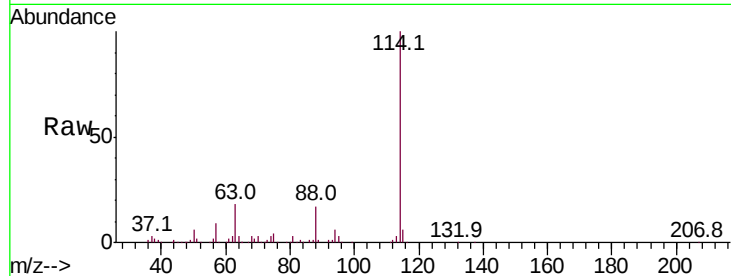
Tot Ion:114 Resp: 471468

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

88 17.0 0.0 34.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

200000

150000

100000

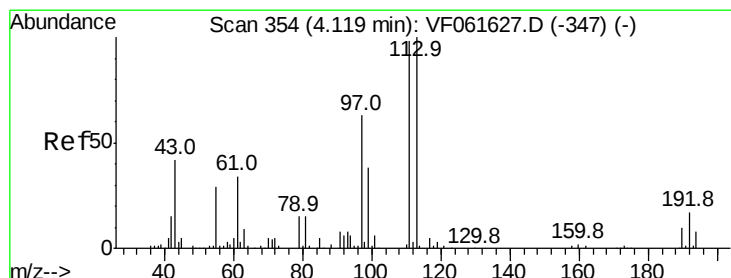
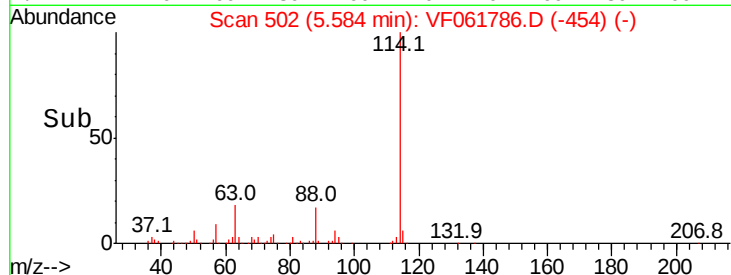
50000

0

5.58

5.40 5.60 5.80

Time-->



#35

Dibromofluoromethane

Concen: 54.161 ug/l

RT: 4.10 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF061786.D

Acq: 28 Feb 2019 14:25

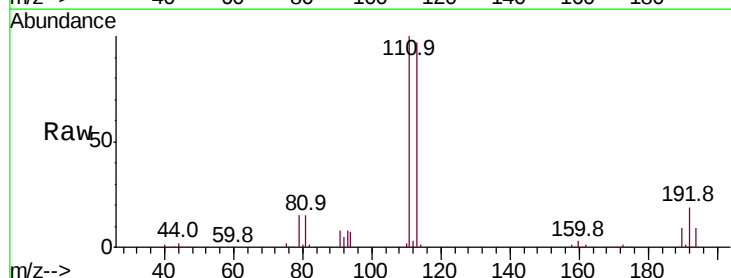
Tgt Ion:113 Resp: 189626

Ion Ratio Lower Upper

113 100

111 103.5 78.8 118.2

192 20.1 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

80000

60000

40000

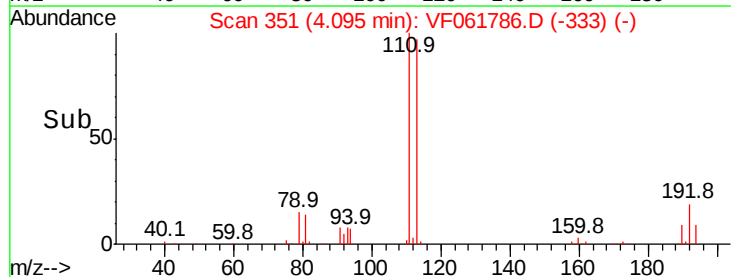
20000

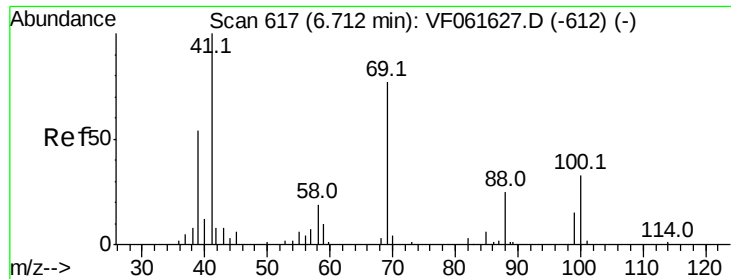
0

4.10

3.90 4.00 4.10 4.20 4.30

Time-->





#49

1,4-Dioxane

Concen: 4.268 ug/l

RT: 6.24 min Scan# 569

Delta R.T. -0.47 min

Lab File: VF061786.D

Acq: 28 Feb 2019 14:25

Instrument :

MSVOA_F

ClientSampleId :

VF0228SBL01

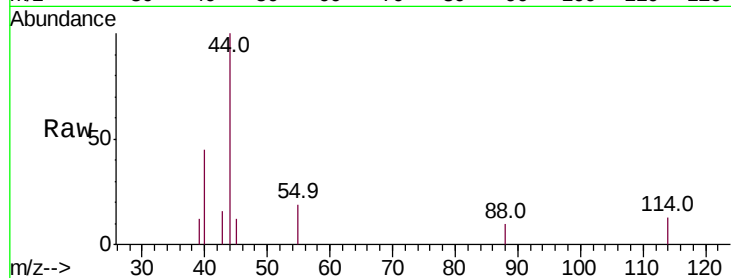
Tot Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 161.0 32.3 48.5#

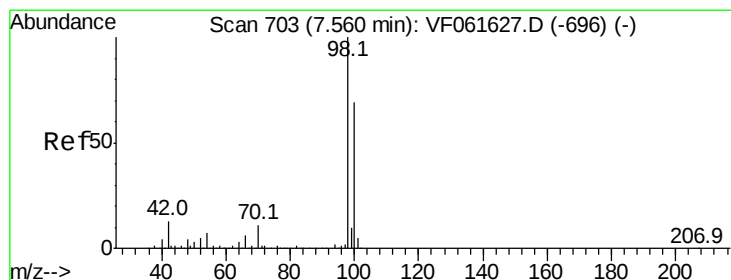
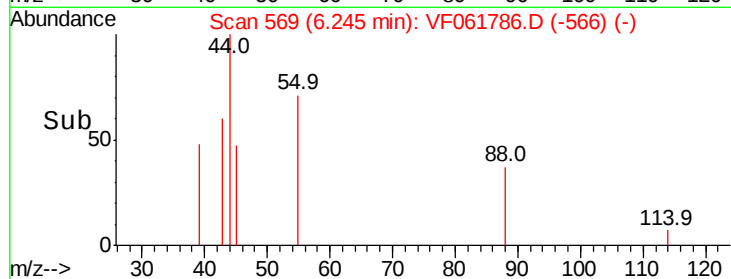
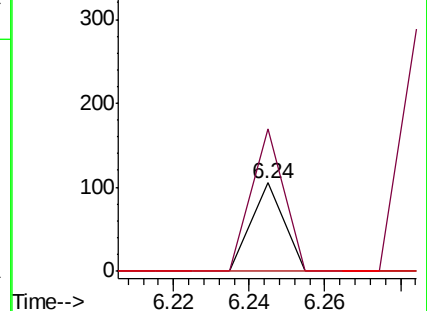
58 0.0 59.4 89.2#



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 47.212 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF061786.D

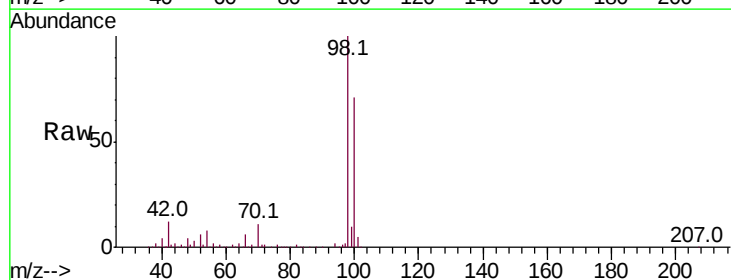
Acq: 28 Feb 2019 14:25

Tgt Ion: 98 Resp: 475179

Ion Ratio Lower Upper

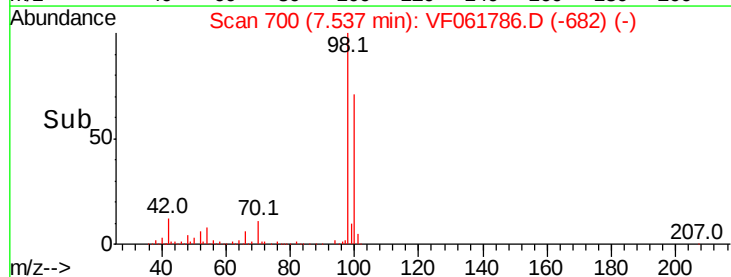
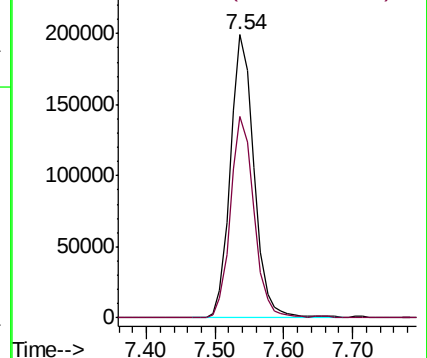
98 100

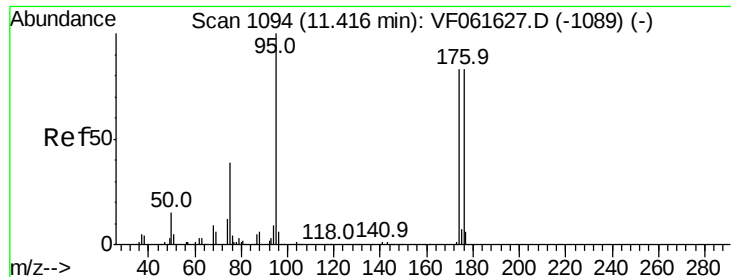
100 71.0 55.4 83.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#62

4-Bromofluorobenzene

Concen: 48.537 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061786.D

Acq: 28 Feb 2019 14:25

Instrument :

MSVOA_F

ClientSampleId :

VF0228SBL01

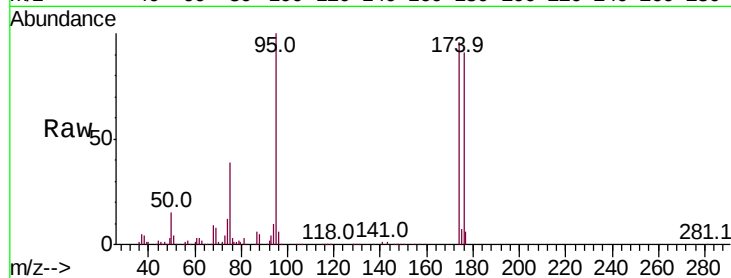
Tot Ion: 95 Resp: 197664

Ion Ratio Lower Upper

95 100

174 95.7 0.0 165.8

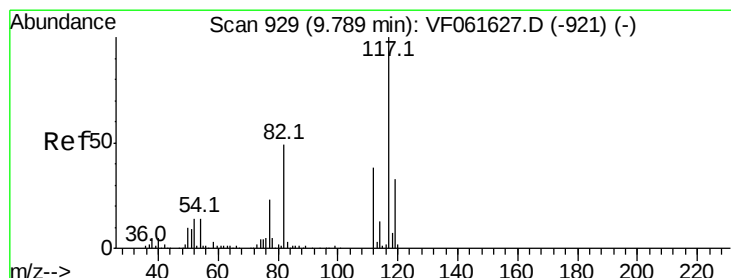
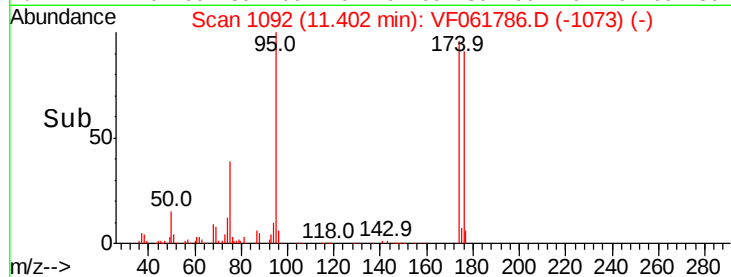
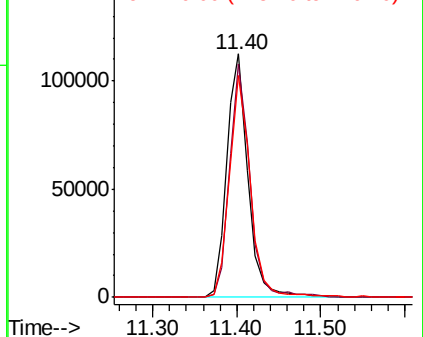
176 91.3 0.0 167.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): VF0

Ion 176.00 (175.70 to 176.70): VF0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.77 min Scan# 926

Delta R.T. -0.02 min

Lab File: VF061786.D

Acq: 28 Feb 2019 14:25

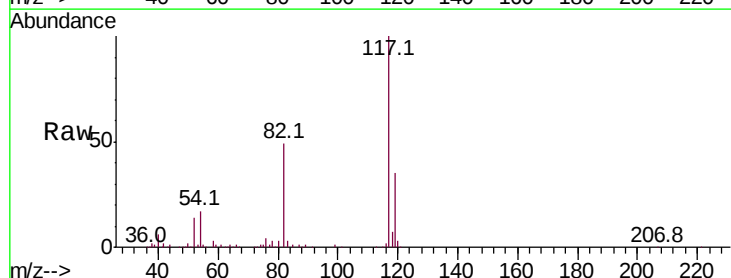
Tgt Ion: 117 Resp: 410092

Ion Ratio Lower Upper

117 100

82 48.6 39.3 58.9

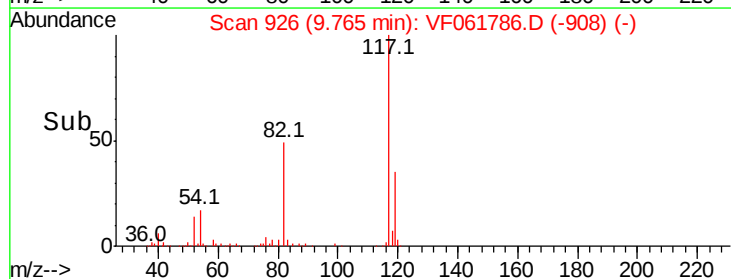
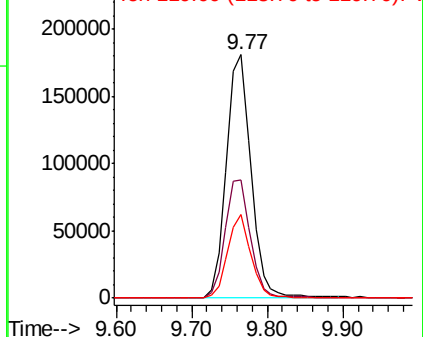
119 34.5 26.6 40.0

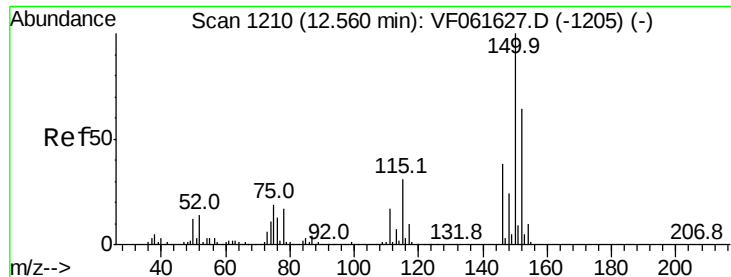


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.55 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061786.D

Acq: 28 Feb 2019 14:25

Instrument :

MSVOA_F

ClientSampleId :

VF0228SBL01

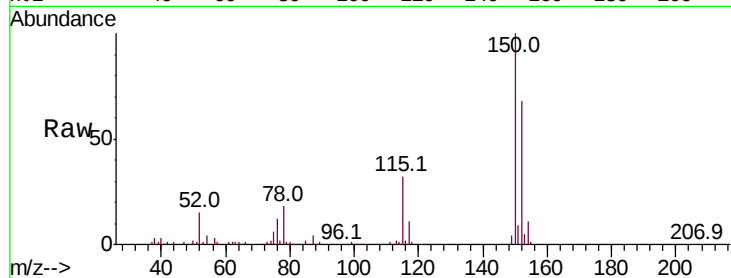
Tot Ion:152 Resp: 242739

Ion Ratio Lower Upper

152 100

115 47.7 24.3 72.8

150 147.4 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

