

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061817.D
 Acq On : 1 Mar 2019 22:11
 Operator : VA/AP
 Sample : k1643-03RE
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 FLOOR-SLABRE

Quant Time: Mar 02 02:48:35 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

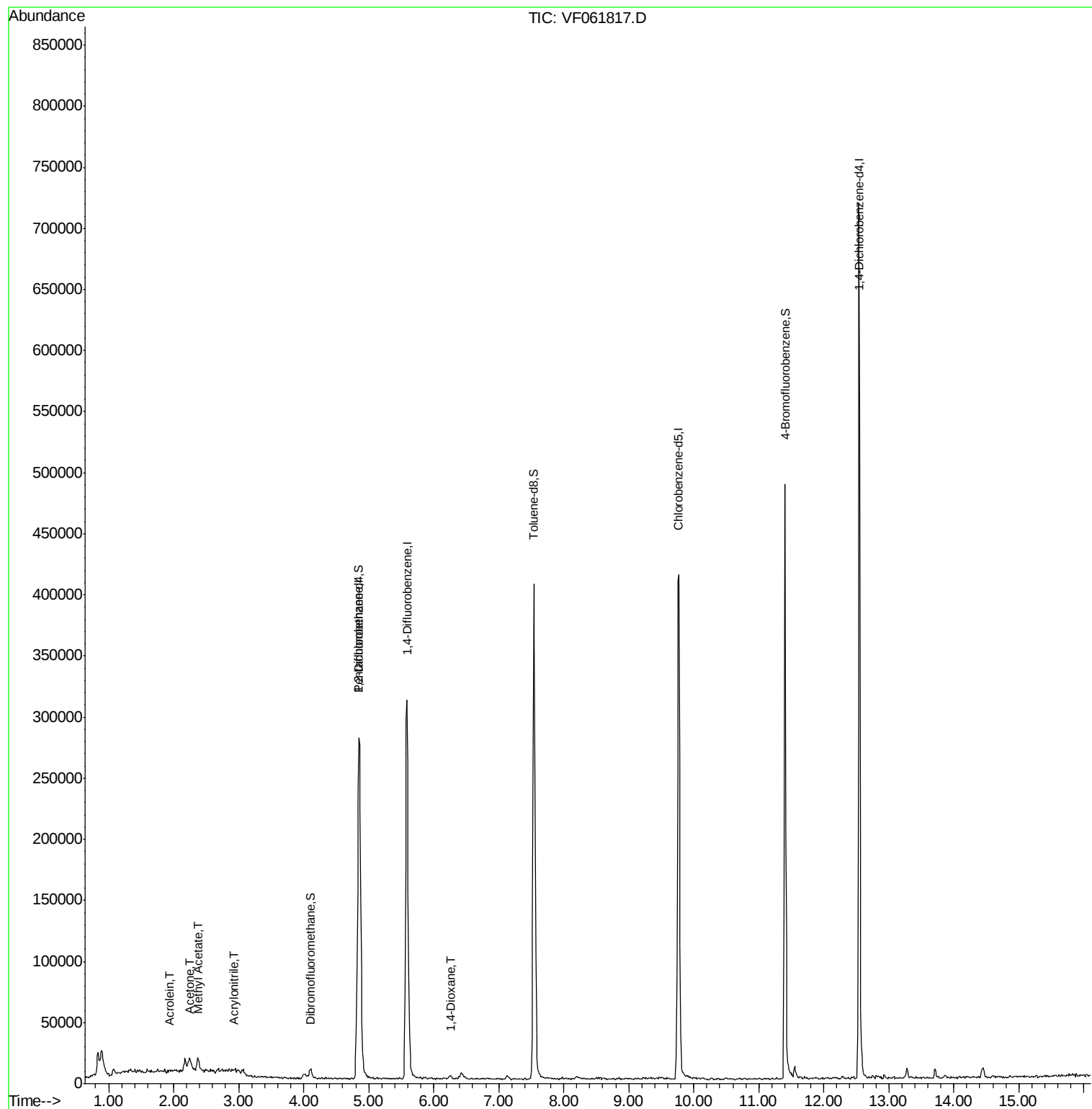
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	259755	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	398277	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.77	117	351685	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	203219	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	98932	51.94	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.88%	
35) Dibromofluoromethane	4.11	113	6767	2.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	4.58%	
50) Toluene-d8	7.54	98	366487	43.10	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.20%	
62) 4-Bromofluorobenzene	11.40	95	166882	48.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	97.02%	
Target Compounds						
					Qvalue	
13) Acrolein	1.95	56	160	1.155	ug/l	96
15) Acrylonitrile	2.94	53	423	1.082	ug/l #	18
16) Acetone	2.24	43	4278	10.468	ug/l	98
18) Methyl Acetate	2.38	43	7332	7.964	ug/l #	59
20) Methylene Chloride	2.18	84	3449	Below Cal	#	87
49) 1,4-Dioxane	6.26	88	66	5.378	ug/l #	1

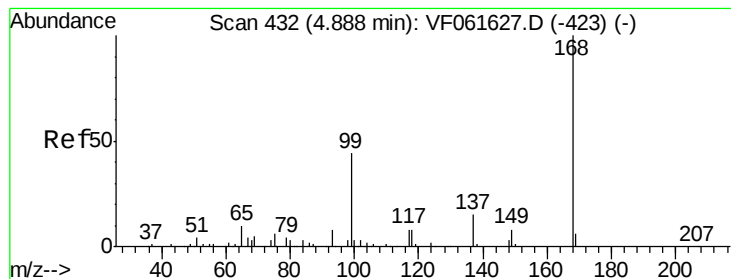
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061817.D

Acq: 1 Mar 2019 22:11

Instrument :

MSVOA_F

ClientSampleId :

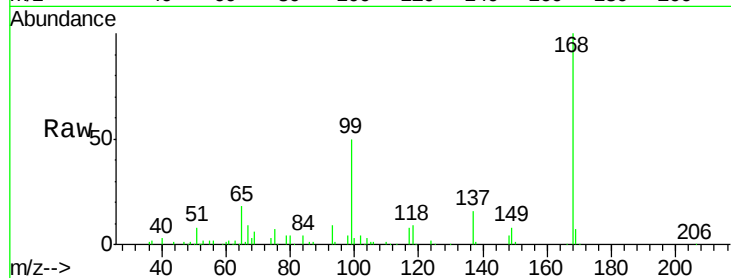
FLOOR-SLABRE

Tot Ion:168 Resp: 259755

Ion Ratio Lower Upper

168 100

99 50.3 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

60000

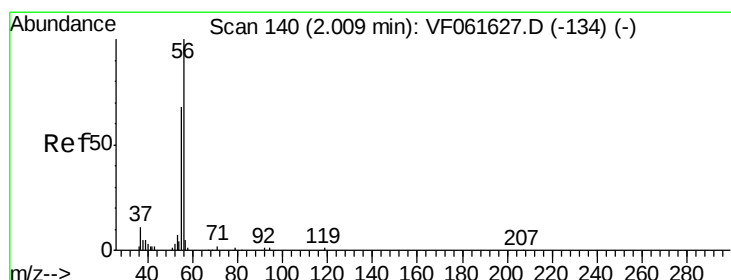
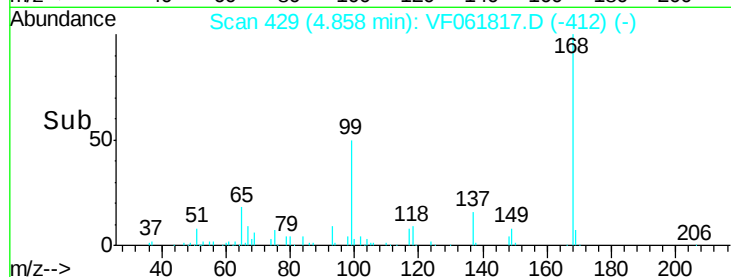
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#13

Acrolein

Concen: 1.155 ug/l

RT: 1.95 min Scan# 134

Delta R.T. -0.06 min

Lab File: VF061817.D

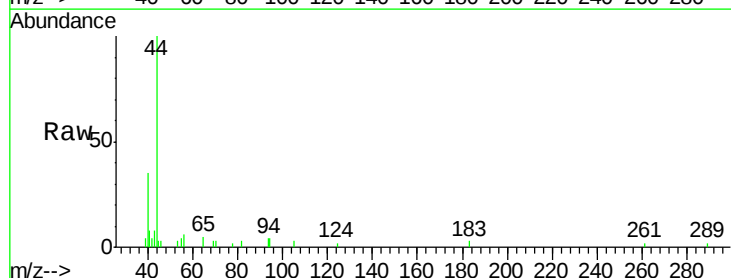
Acq: 1 Mar 2019 22:11

Tgt Ion: 56 Resp: 160

Ion Ratio Lower Upper

56 100

55 65.6 55.0 82.6



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

400

300

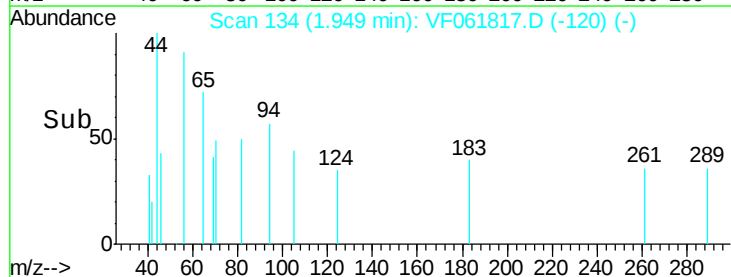
200

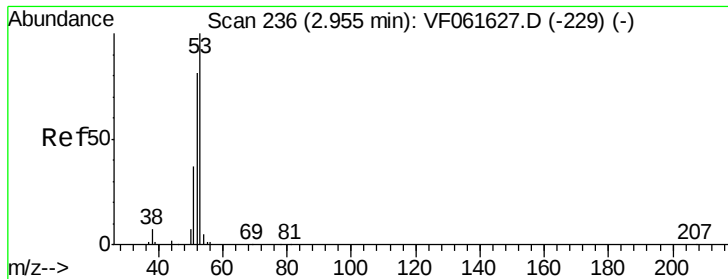
100

0

1.93 1.94 1.95 1.96

Time-->





#15

Acrylonitrile

Concen: 1.082 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.02 min

Lab File: VF061817.D

Acq: 1 Mar 2019 22:11

Instrument :

MSVOA_F

ClientSampleId :

FLOOR-SLABRE

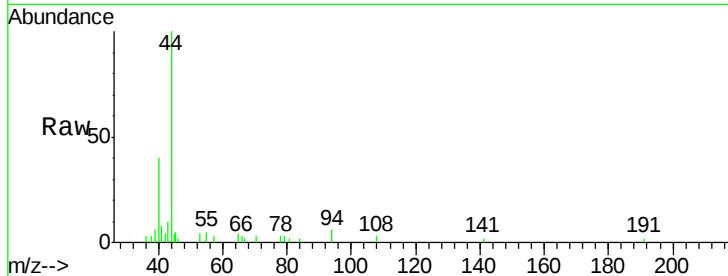
Tot Ion: 53 Resp: 423

Ion Ratio Lower Upper

53 100

52 0.0 64.6 97.0#

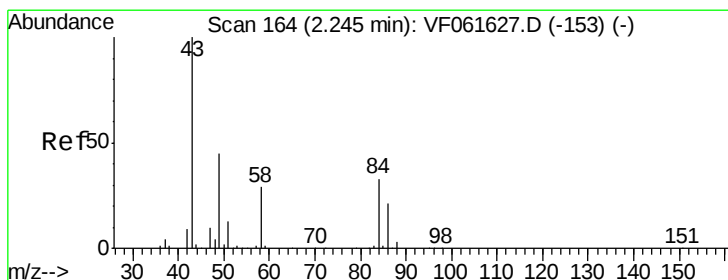
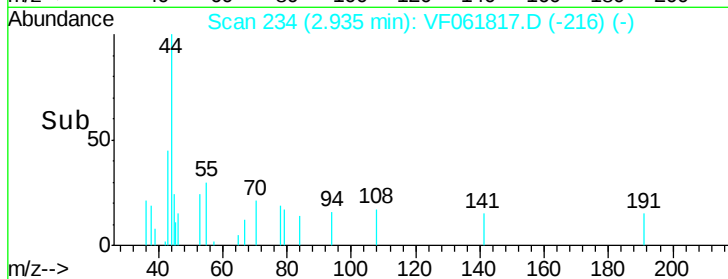
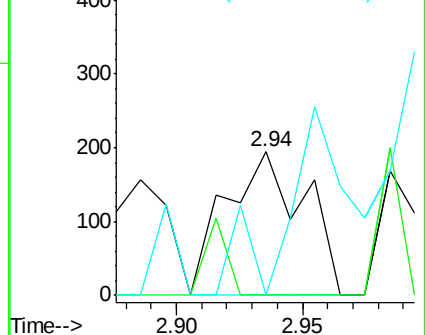
51 0.0 29.8 44.8#



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: 10.468 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061817.D

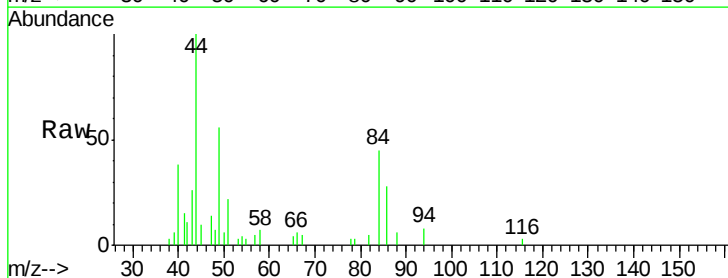
Acq: 1 Mar 2019 22:11

Tgt Ion: 43 Resp: 4278

Ion Ratio Lower Upper

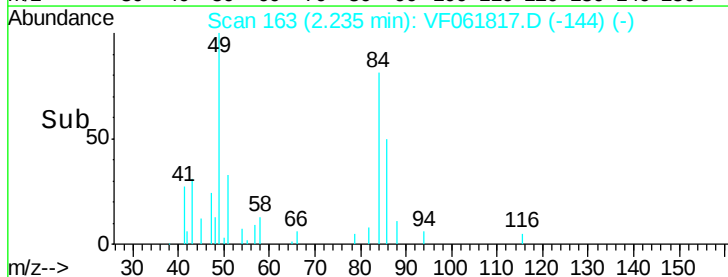
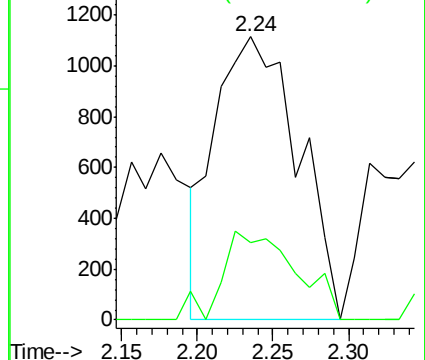
43 100

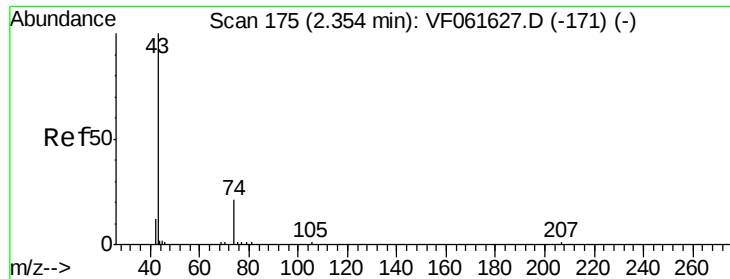
58 27.6 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

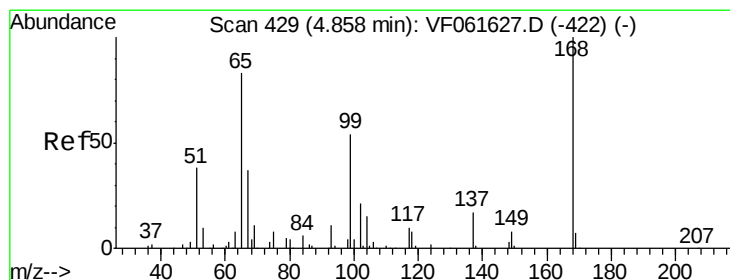
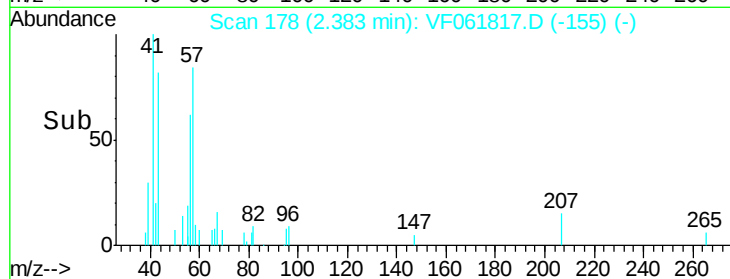
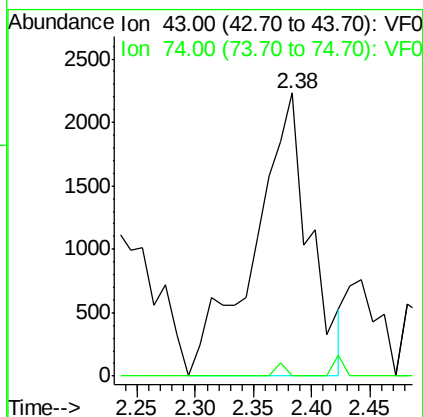
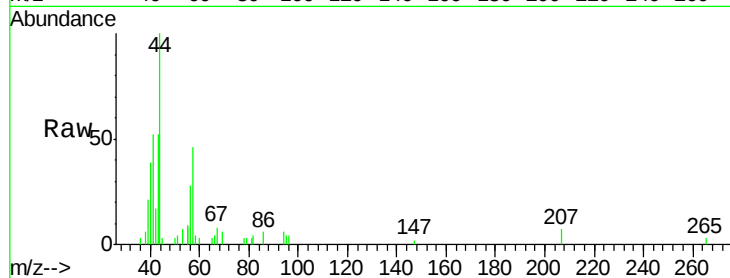




#18
Methvl Acetate
Concen: 7.964 ug/l
RT: 2.38 min Scan# 178
Delta R.T. 0.03 min
Lab File: VF061817.D
Acq: 1 Mar 2019 22:11

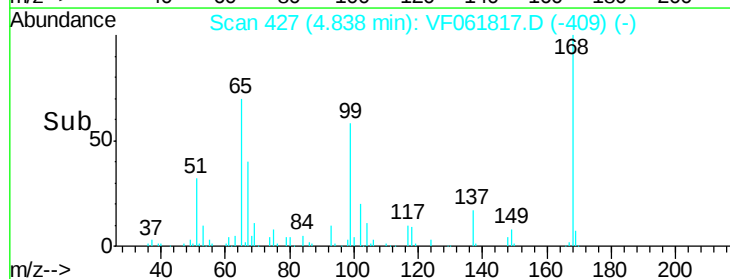
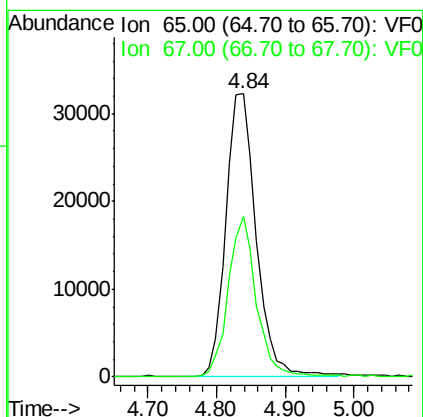
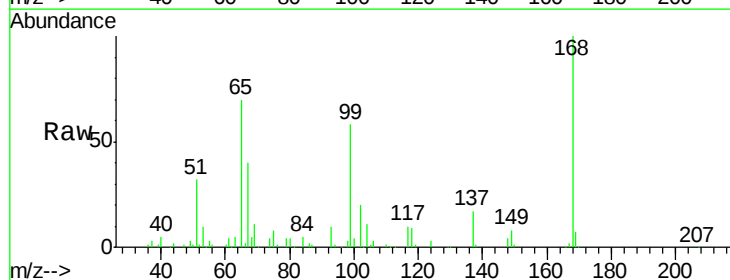
Instrument :
MSVOA_F
ClientSampleId :
FLOOR-SLABRE

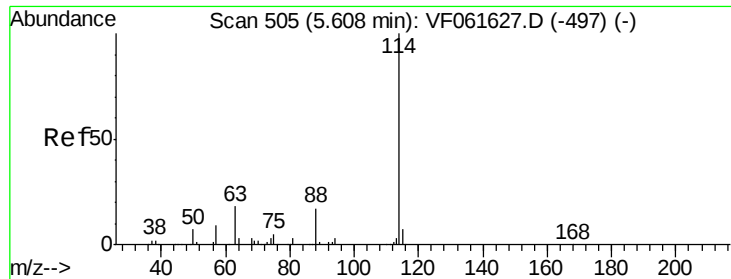
Tot Ion: 43 Resp: 7332
Ion Ratio Lower Upper
43 100
74 0.0 14.6 21.8#



#33
1,2-Dichloroethane-d4
Concen: 51.938 ug/l
RT: 4.84 min Scan# 427
Delta R.T. -0.02 min
Lab File: VF061817.D
Acq: 1 Mar 2019 22:11

Tgt Ion: 65 Resp: 98932
Ion Ratio Lower Upper
65 100
67 56.7 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: VF061817.D

Acq: 1 Mar 2019 22:11

Instrument :

MSVOA_F

ClientSampleId :

FLOOR-SLABRE

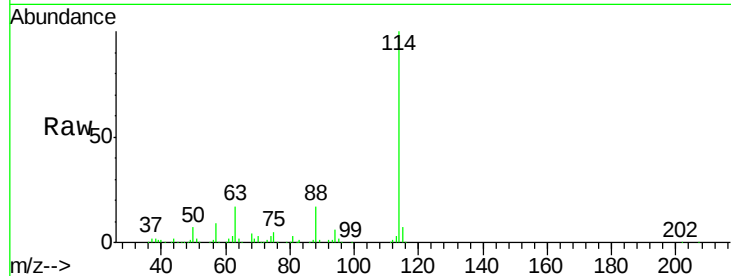
Tot Ion:114 Resp: 398277

Ion Ratio Lower Upper

114 100

63 16.7 0.0 36.6

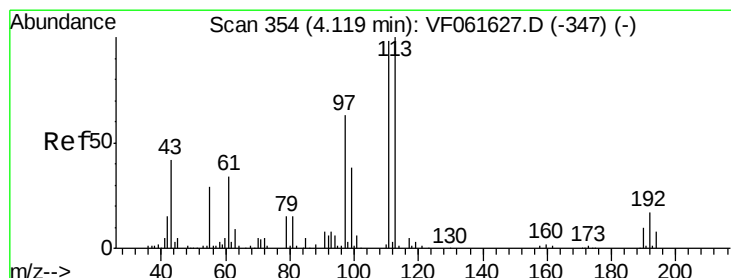
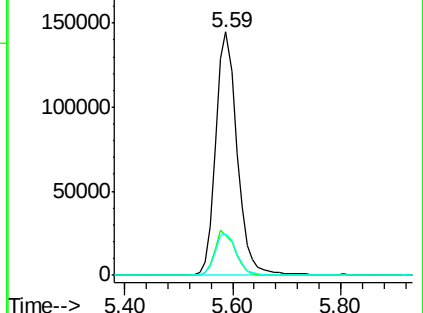
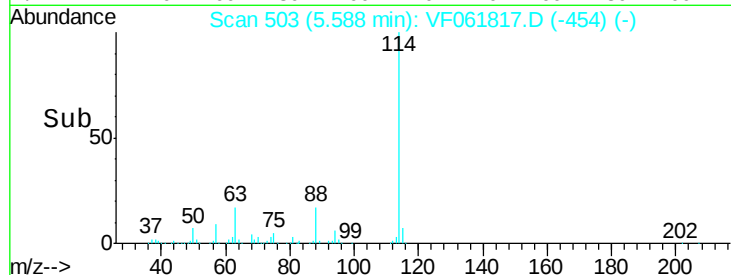
88 16.8 0.0 34.4



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



#35

Dibromofluoromethane

Concen: 2.288 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.01 min

Lab File: VF061817.D

Acq: 1 Mar 2019 22:11

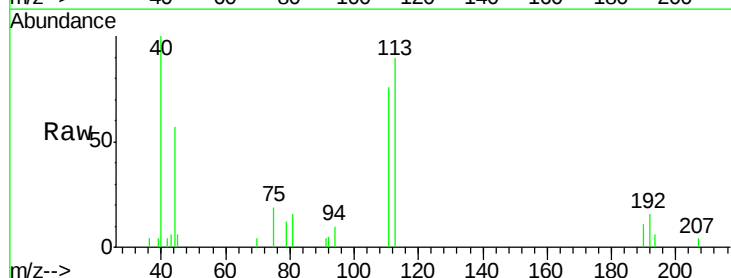
Tgt Ion:113 Resp: 6767

Ion Ratio Lower Upper

113 100

111 84.6 78.8 118.2

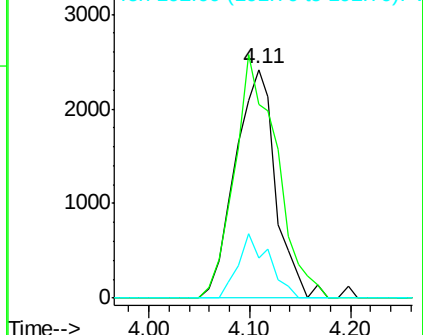
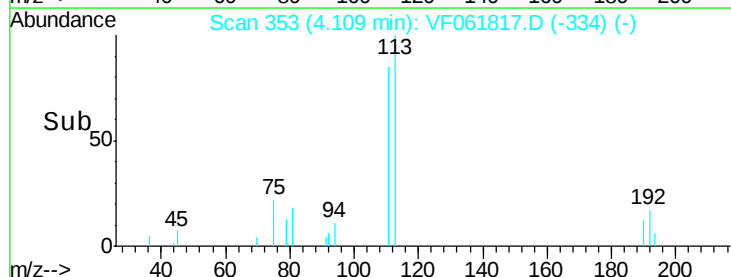
192 17.4 13.4 20.0

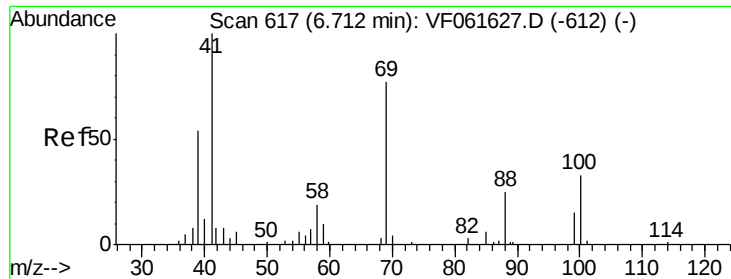


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

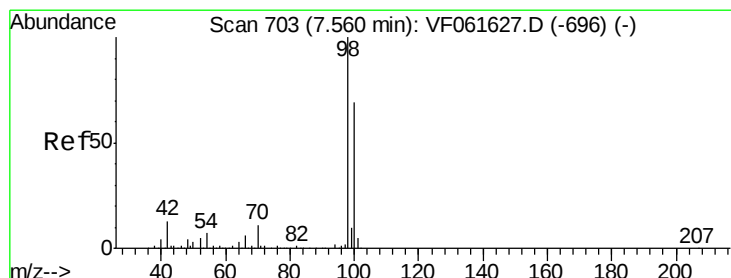
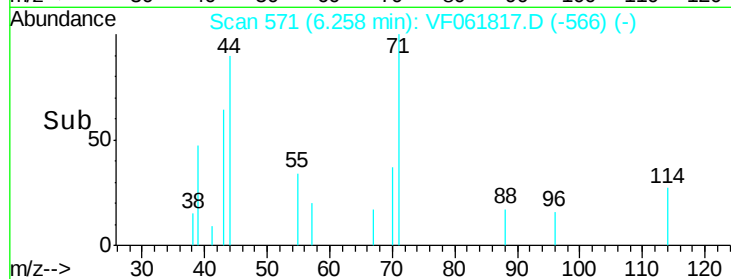
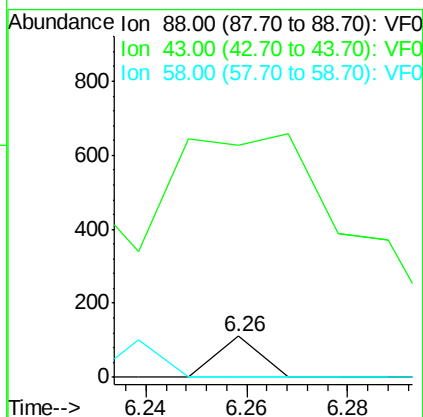
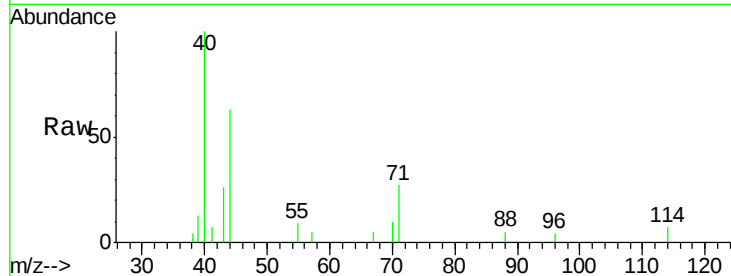




#49
1,4-Dioxane
Concen: 5.378 ug/l
RT: 6.26 min Scan# 571
Delta R.T. -0.45 min
Lab File: VF061817.D
Acq: 1 Mar 2019 22:11

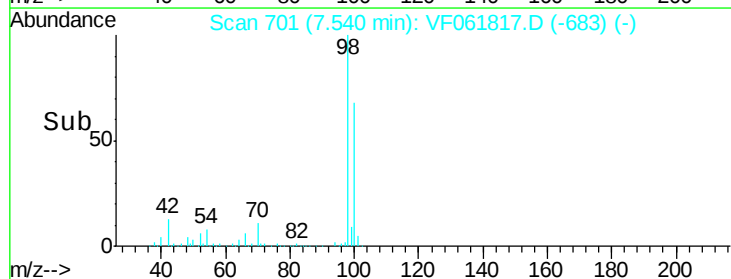
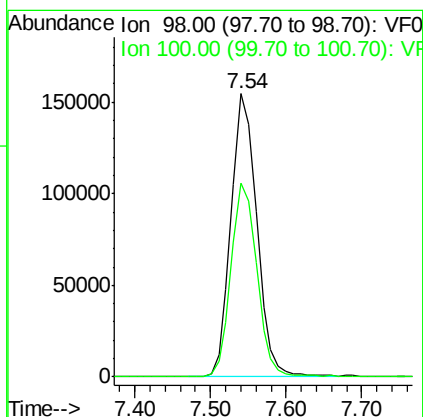
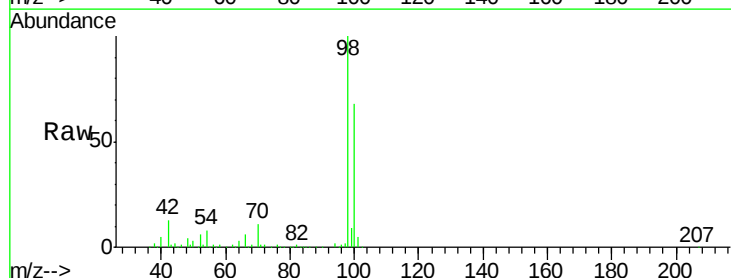
Instrument :
MSVOA_F
ClientSampleId :
FLOOR-SLABRE

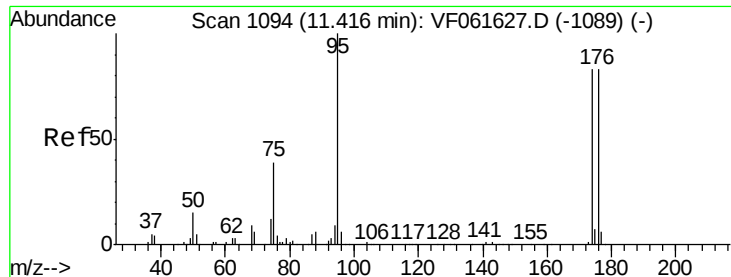
Tot Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 564.9 32.3 48.5#
58 0.0 59.4 89.2#



#50
Toluene-d8
Concen: 43.104 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061817.D
Acq: 1 Mar 2019 22:11

Tgt Ion: 98 Resp: 366487
Ion Ratio Lower Upper
98 100
100 68.4 55.4 83.2





#62

4-Bromofluorobenzene

Concen: 48.509 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061817.D

Acq: 1 Mar 2019 22:11

Instrument :

MSVOA_F

ClientSampleId :

FLOOR-SLABRE

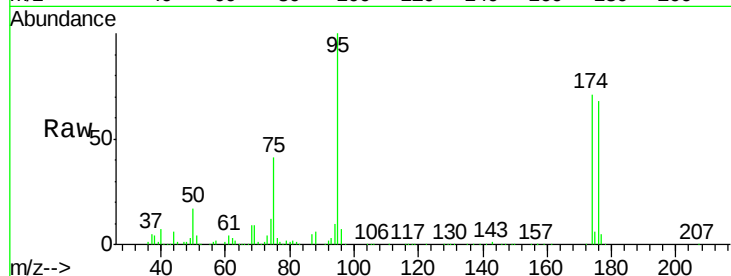
Tot Ion: 95 Resp: 166882

Ion Ratio Lower Upper

95 100

174 71.2 0.0 165.8

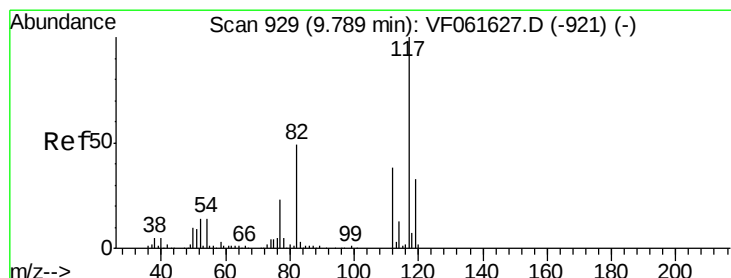
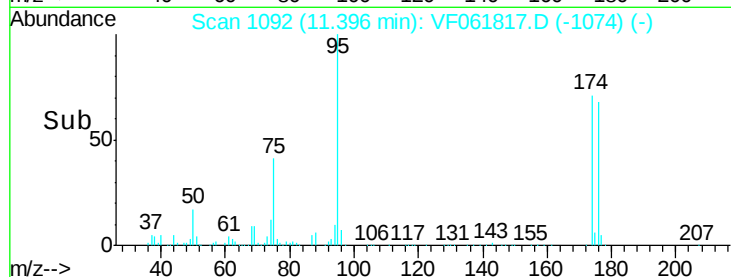
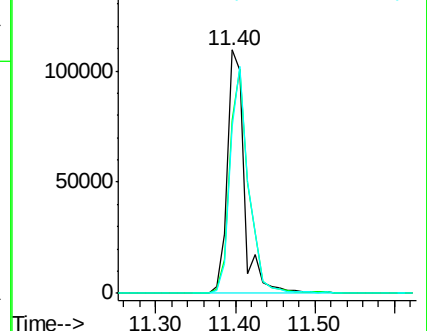
176 68.4 0.0 167.0



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: 9.77 min Scan# 927

Delta R.T. -0.02 min

Lab File: VF061817.D

Acq: 1 Mar 2019 22:11

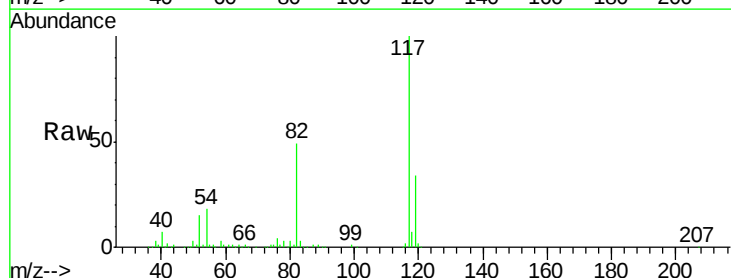
Tgt Ion: 117 Resp: 351685

Ion Ratio Lower Upper

117 100

82 48.8 39.3 58.9

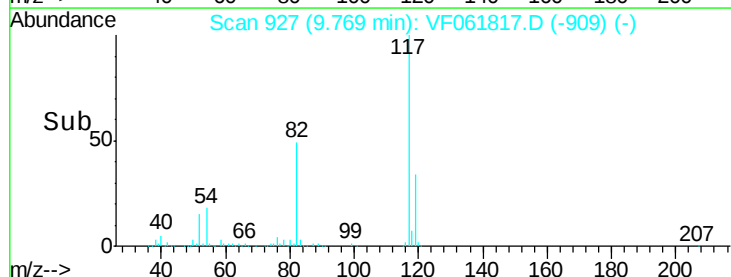
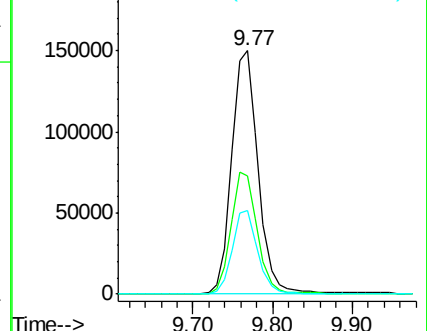
119 34.3 26.6 40.0

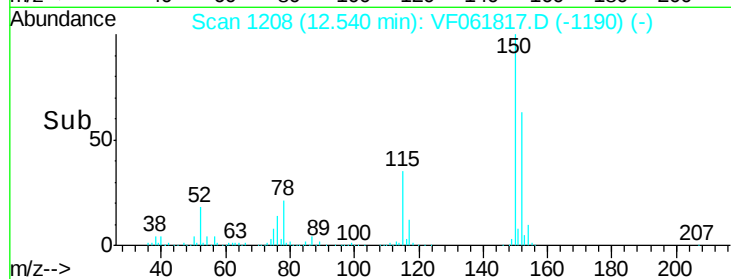
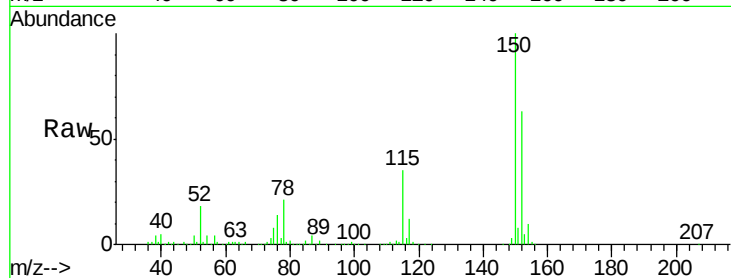
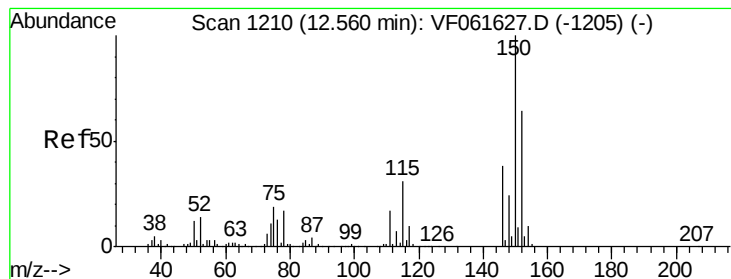


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.54 min Scan# 1208

Delta R.T. -0.02 min

Lab File: VF061817.D

Acq: 1 Mar 2019 22:11

Instrument :

MSVOA_F

ClientSampleId :

FLOOR-SLABRE

Tot Ion:152 Resp: 203219

Ion Ratio Lower Upper

152 100

115 56.2 24.3 72.8

150 158.9 0.0 312.0

