

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062118\
 Data File : VF059277.D
 Acq On : 21 Jun 2018 23:13
 Operator : VA/AP
 Sample : J3570-04RE
 Misc : 5.06g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 20180374-AMENDED-COMPOSITE-

Quant Time: Jun 22 07:58:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 22 05:22:31 2018
 Response via : Initial Calibration

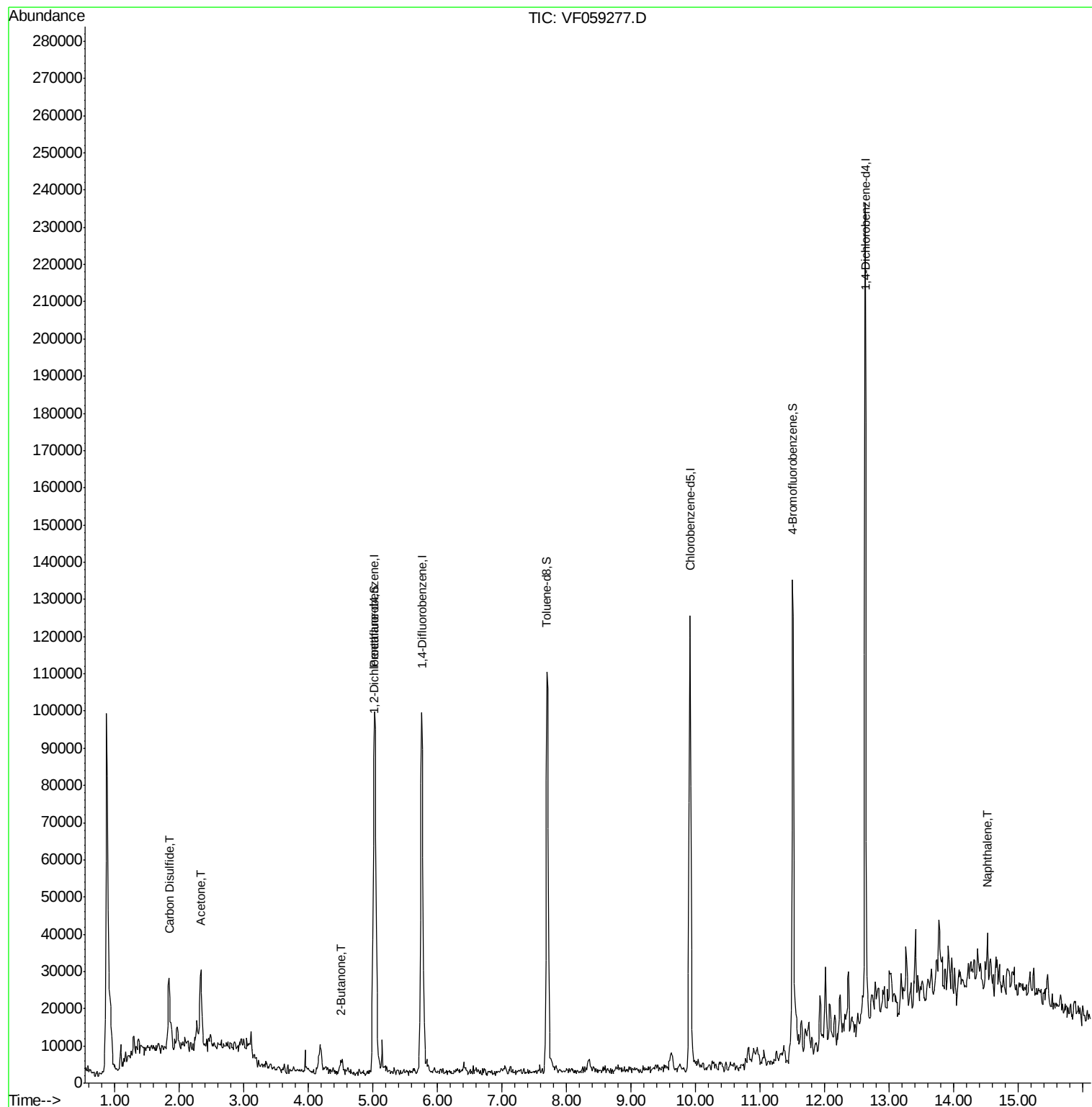
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	67447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	102054	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	91887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	52467	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	42765	44.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.34%	
35) Dibromofluoromethane	4.29	113	219	0.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	0.52%	
50) Toluene-d8	7.70	98	92161	42.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.40%	
62) 4-Bromofluorobenzene	11.50	95	51619	42.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.24%	
Target Compounds						
16) Acetone	2.33	43	35259	154.09	ug/l	95
17) Carbon Disulfide	1.84	76	29693	25.57	ug/l	100
25) 2-Butanone	4.50	43	6294	20.62	ug/l #	90
95) Naphthalene	14.53	128	4281	1.64	ug/l #	92

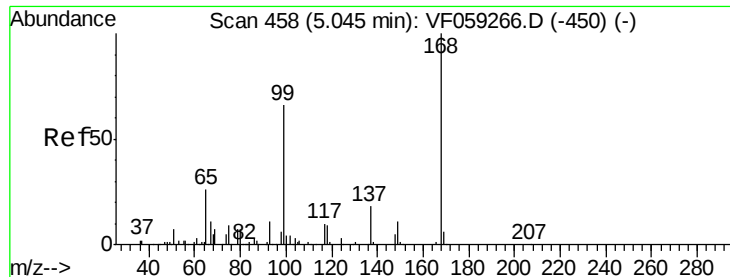
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF062118\
Data File : VF059277.D
Acq On : 21 Jun 2018 23:13
Operator : VA/AP
Sample : J3570-04RE
Misc : 5.06g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
20180374-AMENDED-COMPOSITE-

Quant Time: Jun 22 07:58:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F062118S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 22 05:22:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF059277.D

Acq: 21 Jun 2018 23:13

Instrument :

MSVOA_F

ClientSampleId :

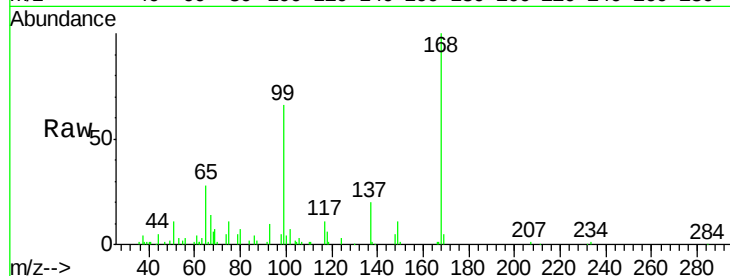
20180374-AMENDED-COMPOSITE-

Tot Ion:168 Resp: 67447

Ion Ratio Lower Upper

168 100

99 66.3 52.6 78.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

25000

20000

15000

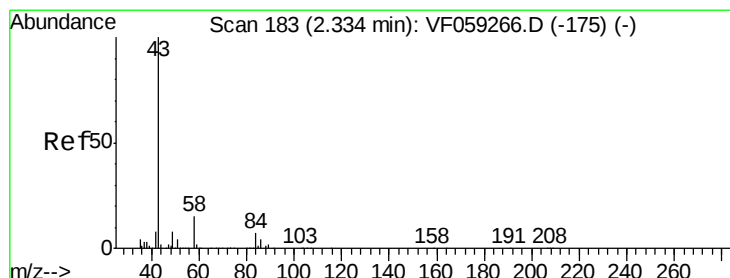
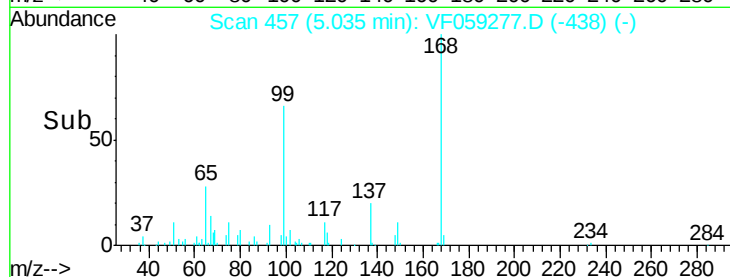
10000

5000

0

Time-->

4.90 5.00 5.10 5.20



#16

Acetone

Concen: 154.09 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VF059277.D

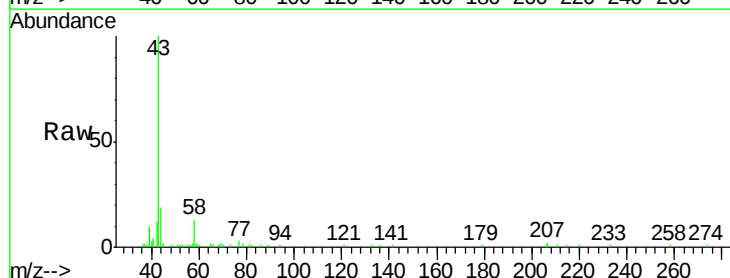
Acq: 21 Jun 2018 23:13

Tgt Ion: 43 Resp: 35259

Ion Ratio Lower Upper

43 100

58 13.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.33

15000

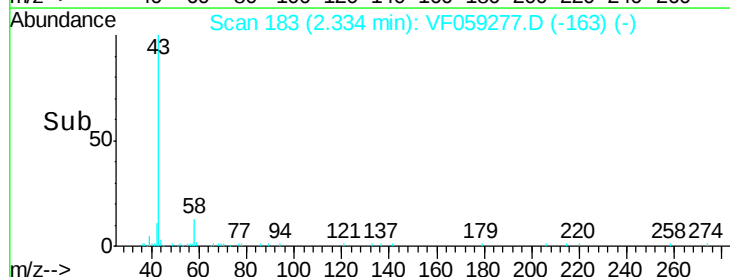
10000

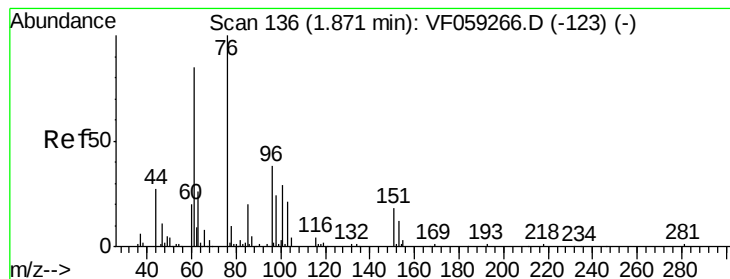
5000

0

Time-->

2.20 2.30 2.40 2.50





#17

Carbon Disulfide

Concen: 25.57 ug/l

RT: 1.84 min Scan# 133

Delta R.T. -0.03 min

Lab File: VF059277.D

Acq: 21 Jun 2018 23:13

Instrument :

MSVOA_F

ClientSampleId :

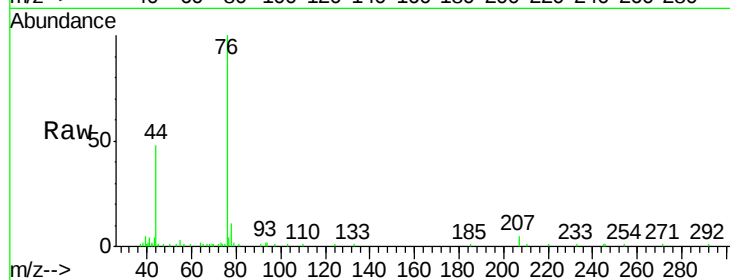
20180374-AMENDED-COMPOSITE-

Tot Ion: 76 Resp: 29693

Ion Ratio Lower Upper

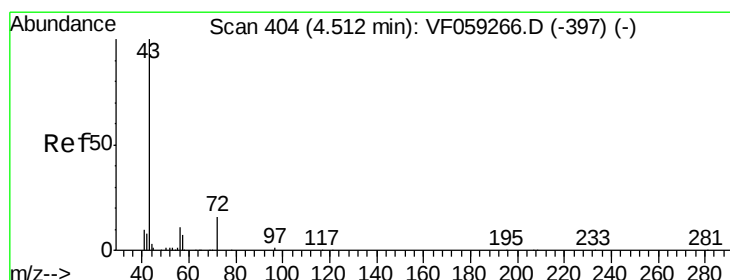
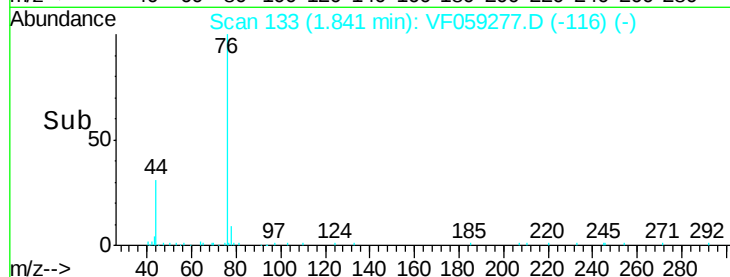
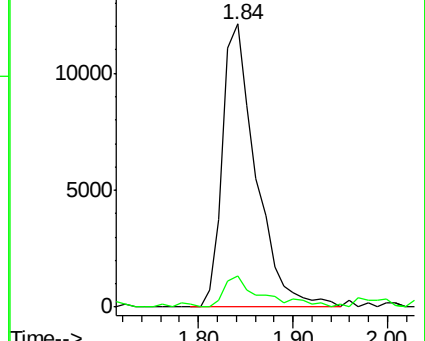
76 100

78 10.8 8.6 12.8



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#25

2-Butanone

Concen: 20.62 ug/l

RT: 4.50 min Scan# 403

Delta R.T. -0.01 min

Lab File: VF059277.D

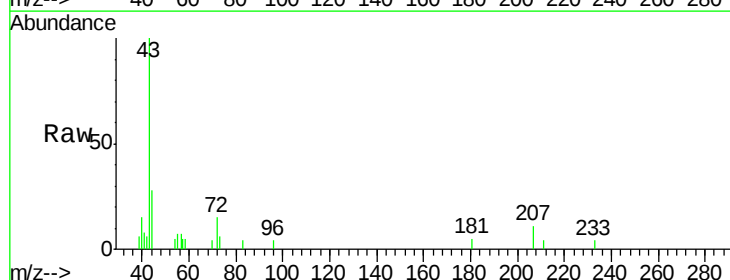
Acq: 21 Jun 2018 23:13

Tgt Ion: 43 Resp: 6294

Ion Ratio Lower Upper

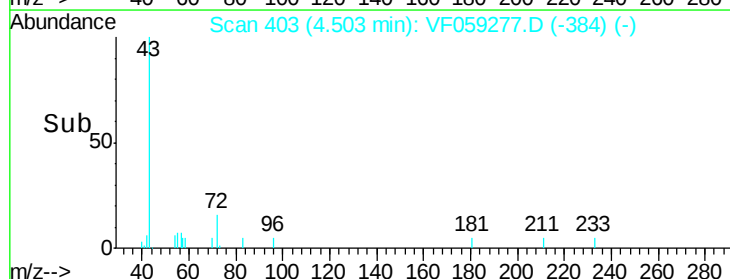
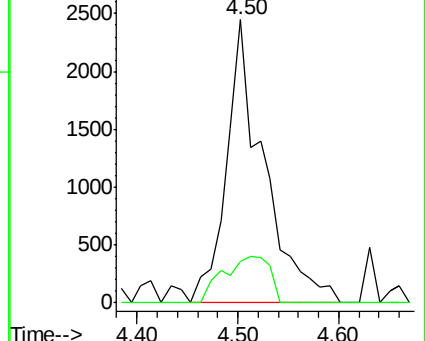
43 100

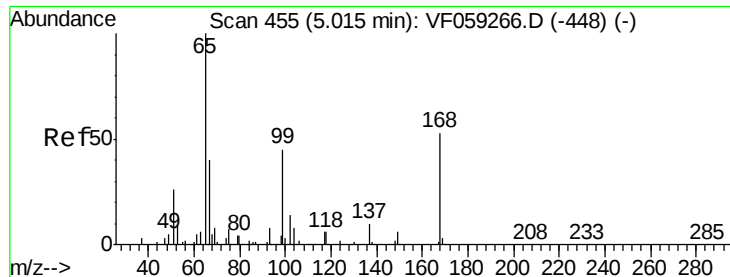
72 14.5 15.2 22.8#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 44.17 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.01 min

Lab File: VF059277.D

Acq: 21 Jun 2018 23:13

Instrument :

MSVOA_F

ClientSampleId :

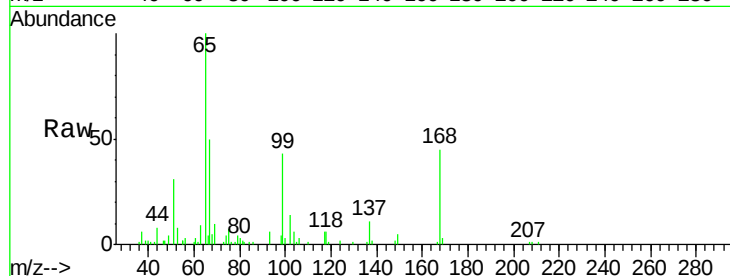
20180374-AMENDED-COMPOSITE-

Tot Ion: 65 Resp: 42765

Ion Ratio Lower Upper

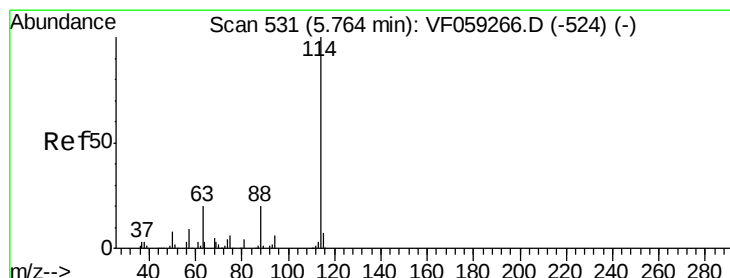
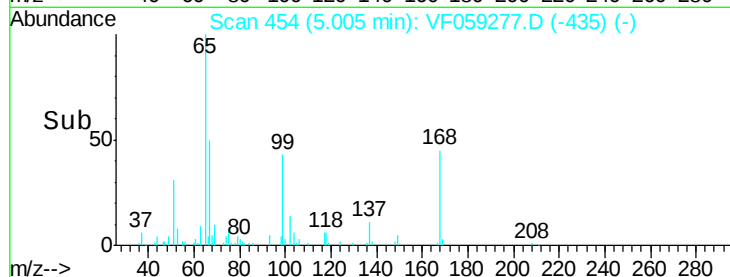
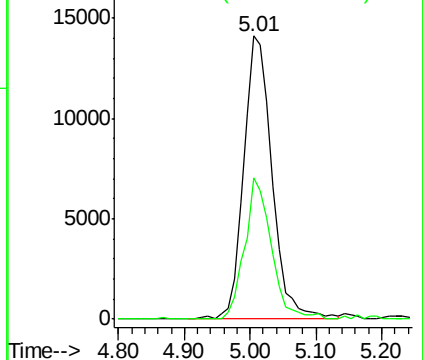
65 100

67 49.9 0.0 95.8



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.01 min

Lab File: VF059277.D

Acq: 21 Jun 2018 23:13

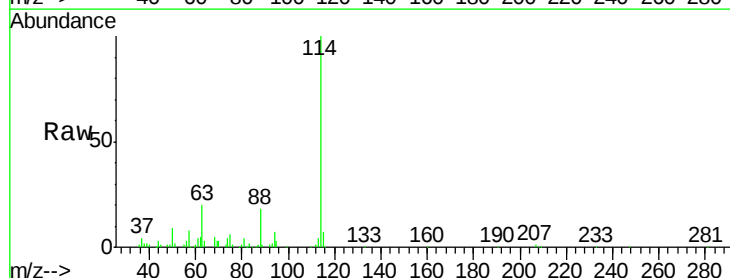
Tgt Ion: 114 Resp: 102054

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.0

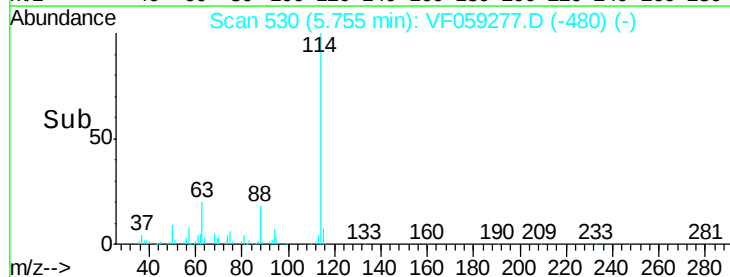
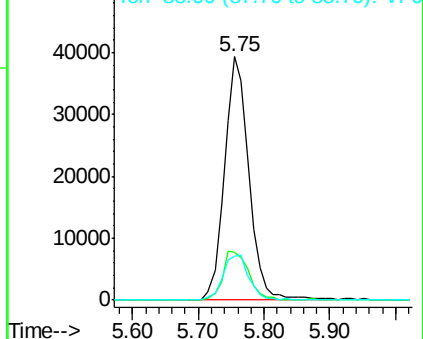
88 18.3 0.0 39.6

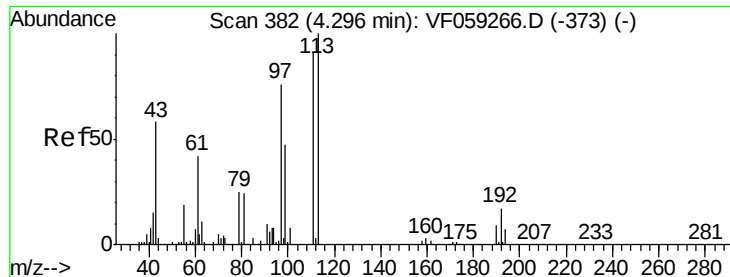


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 0.26 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF059277.D

Acq: 21 Jun 2018 23:13

Instrument :

MSVOA_F

ClientSampleId :

20180374-AMENDED-COMPOSITE-

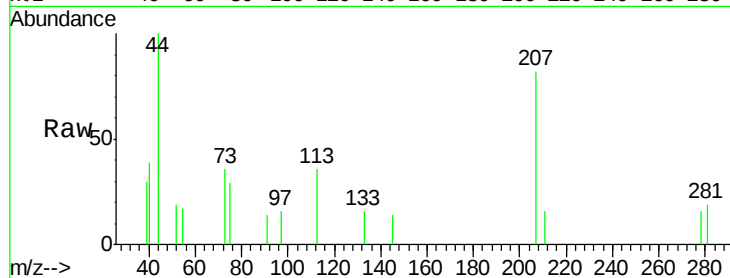
Tot Ion: 113 Resp: 219

Ion Ratio Lower Upper

113 100

111 0.0 73.1 109.7#

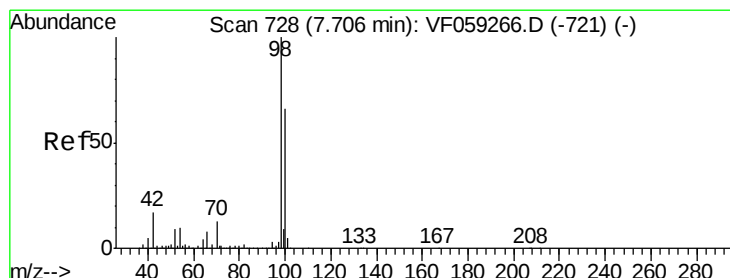
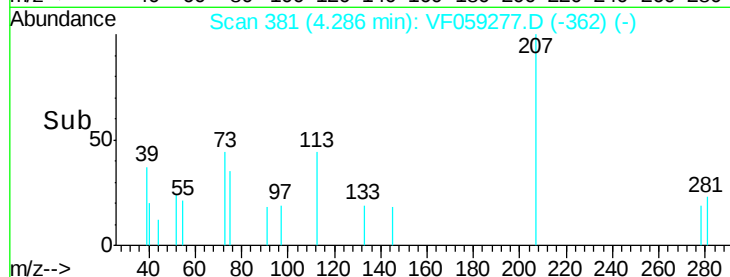
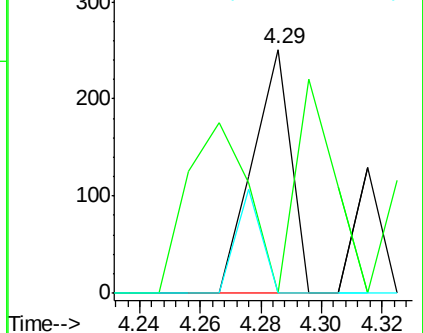
192 0.0 13.9 20.9#



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: 42.20 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF059277.D

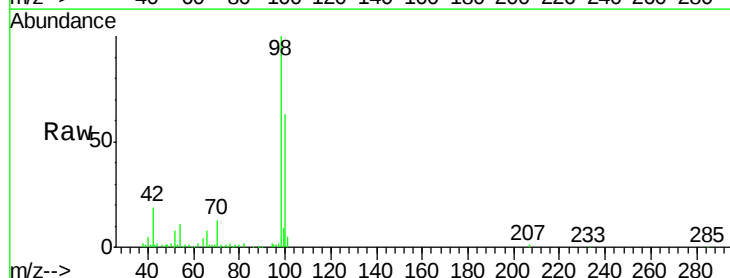
Acq: 21 Jun 2018 23:13

Tgt Ion: 98 Resp: 92161

Ion Ratio Lower Upper

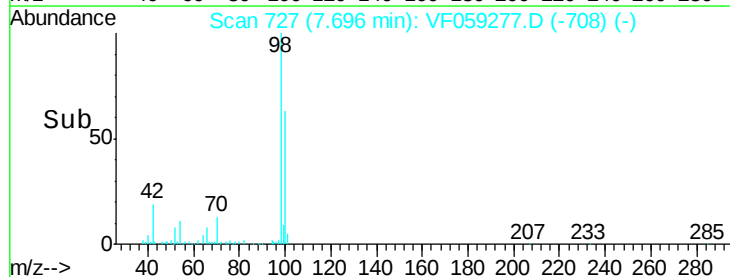
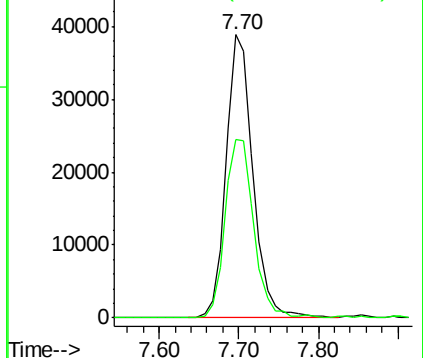
98 100

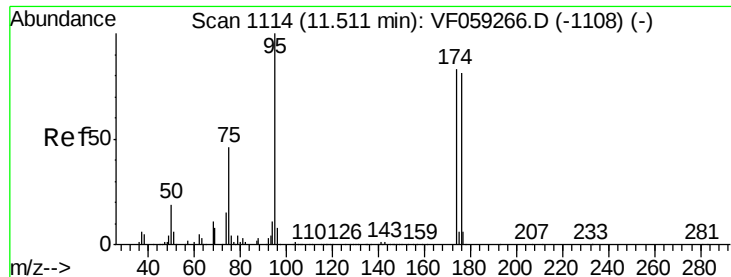
100 63.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 42.62 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF059277.D

Acq: 21 Jun 2018 23:13

Instrument :

MSVOA_F

ClientSampleId :

20180374-AMENDED-COMPOSITE-

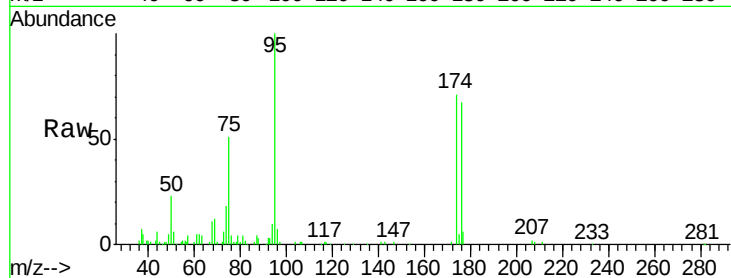
Tot Ion: 95 Resp: 51619

Ion Ratio Lower Upper

95 100

174 71.3 0.0 166.2

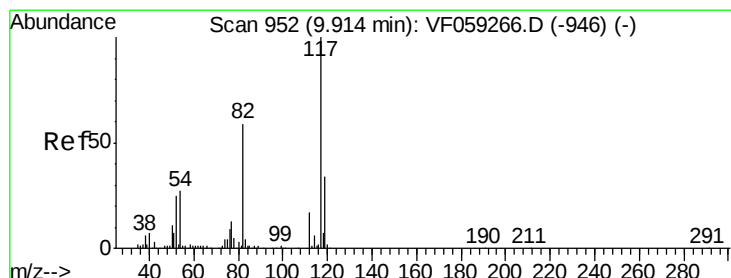
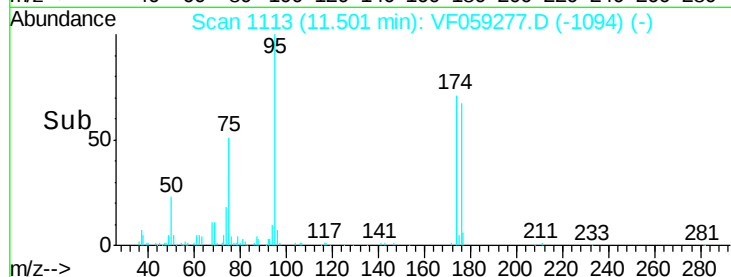
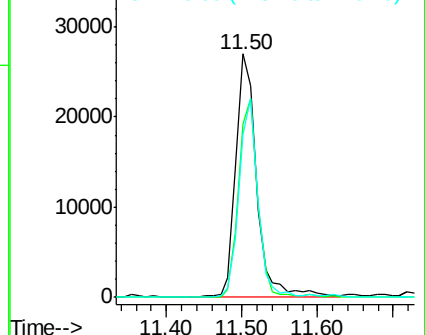
176 66.9 0.0 162.8



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: 50.00 ug/l

RT: 9.91 min Scan# 952

Delta R.T. 0.00 min

Lab File: VF059277.D

Acq: 21 Jun 2018 23:13

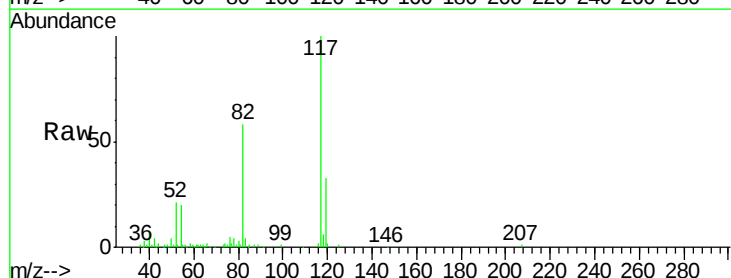
Tgt Ion: 117 Resp: 91887

Ion Ratio Lower Upper

117 100

82 58.5 47.1 70.7

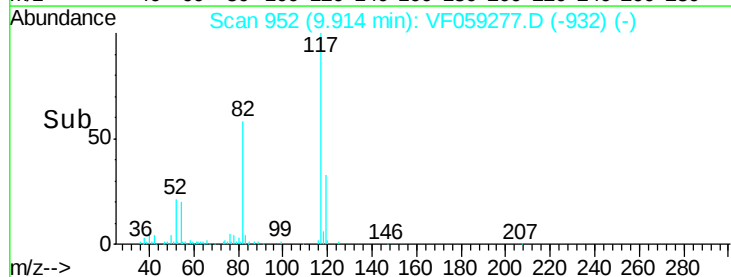
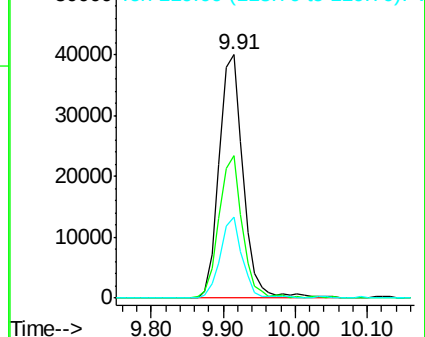
119 33.1 26.9 40.3

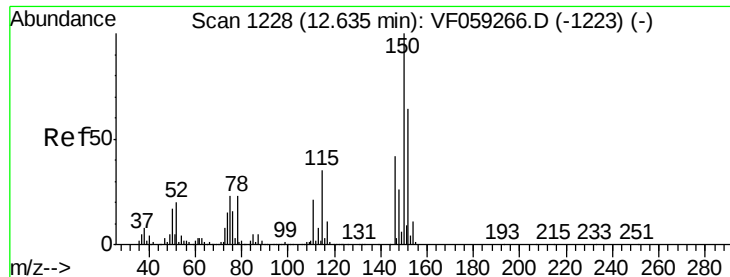


Abundance Ion 117.00 (116.70 to 117.70): VF0

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): VF0



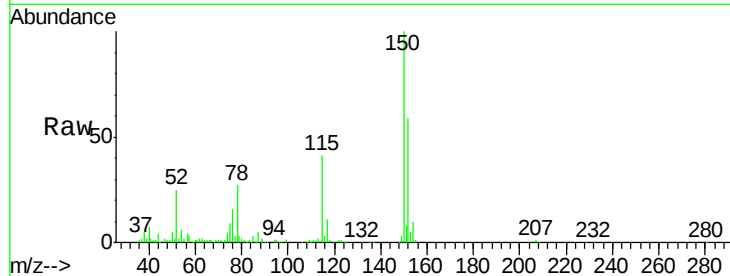


#72

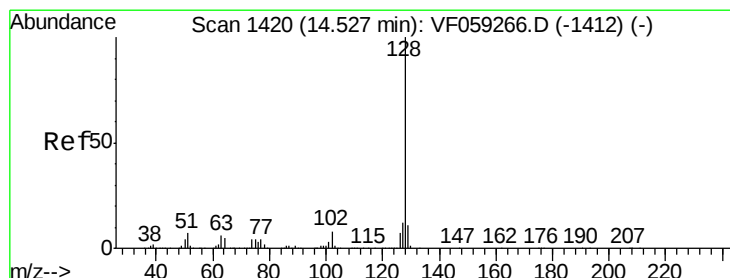
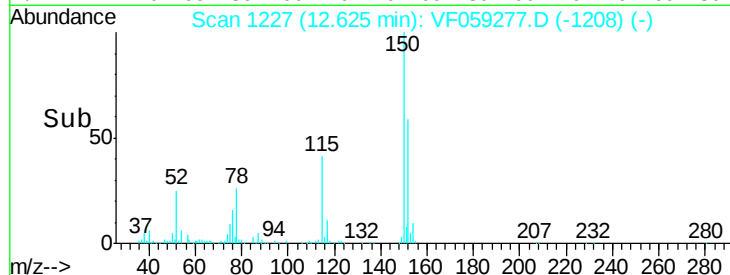
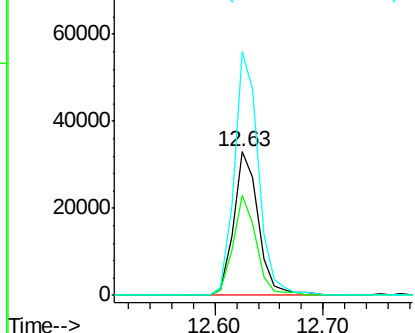
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.01 min
Lab File: VF059277.D
Acq: 21 Jun 2018 23:13

Instrument :
MSVOA_F
ClientSampleId :
20180374-AMENDED-COMPOSITE-

Tot Ion	152	Resp	52467
Ion Ratio	Lower	Upper	
152	100		
115	69.6	27.8	83.3
150	169.5	0.0	313.8



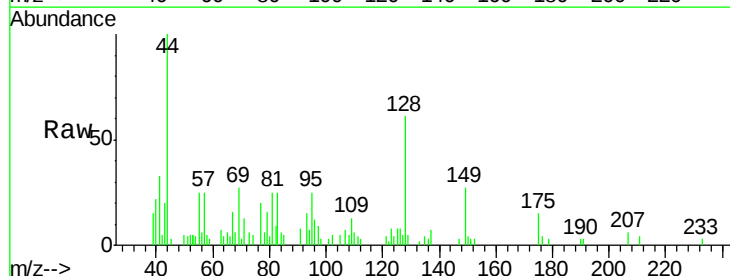
Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene
Concen: 1.64 ug/l
RT: 14.53 min Scan# 1420
Delta R.T. 0.00 min
Lab File: VF059277.D
Acq: 21 Jun 2018 23:13

Tgt Ion	128	Resp	4281
Ion Ratio	Lower	Upper	
128	100		
127	7.9	9.6	14.4#
129	8.8	9.0	13.4#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

