

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010919\
 Data File : VF061310.D
 Acq On : 9 Jan 2019 19:32
 Operator : VA/AP
 Sample : K1082-03
 Misc : 7.35g/5mL/MSVOA-F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-2

Quant Time: Jan 10 08:12:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 07:13:51 2019
 Response via : Initial Calibration

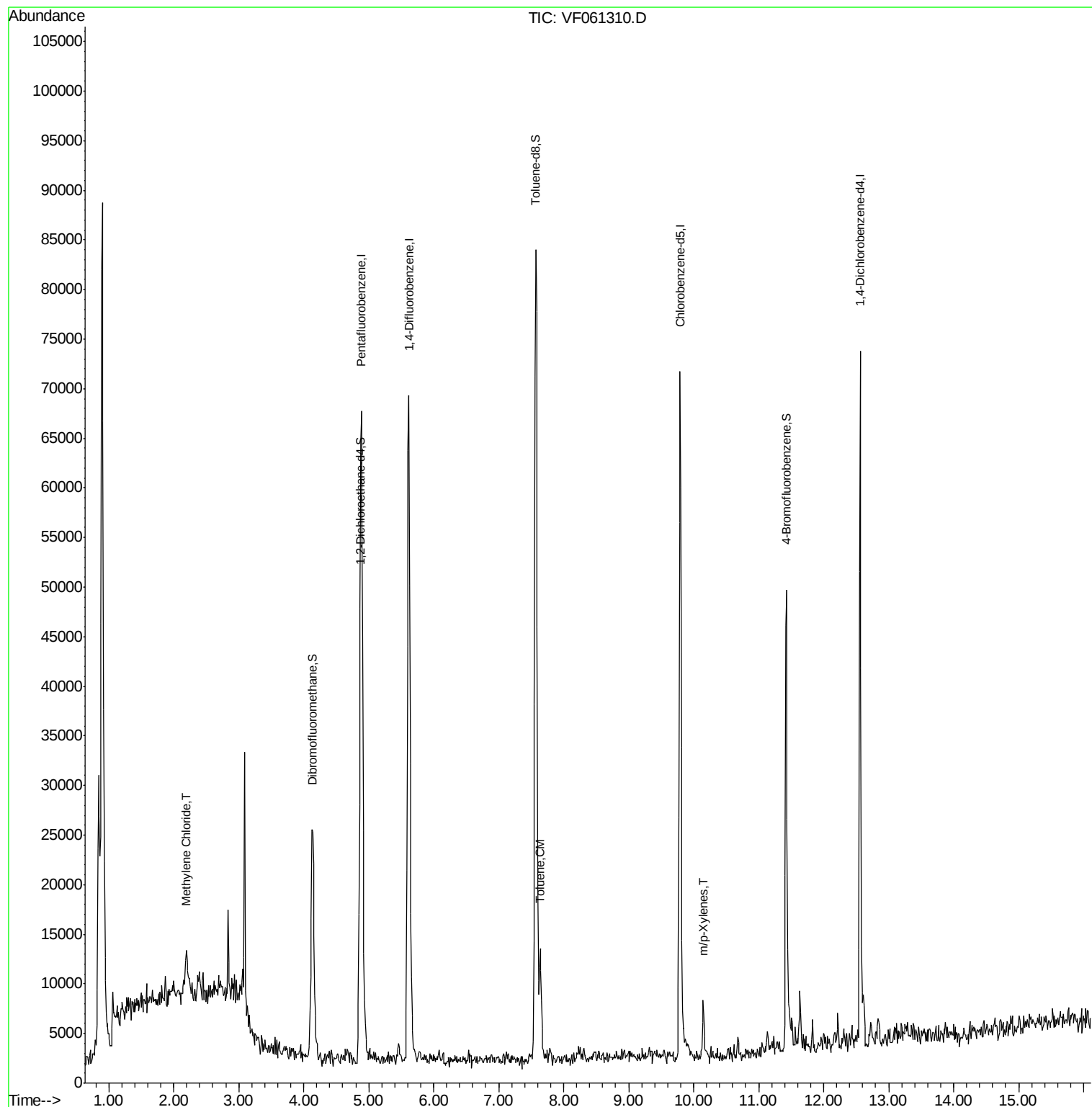
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	57900	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.62	114	74311	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	52657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	16498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	13362	20.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.46%	
35) Dibromofluoromethane	4.13	113	21791	38.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	76.64%	
50) Toluene-d8	7.57	98	74588	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
62) 4-Bromofluorobenzene	11.43	95	19945	27.15	ug/l	0.01
Spiked Amount 50.000			Recovery	=	54.30%	
Target Compounds						
20) Methylene Chloride	2.20	84	2259	3.562	ug/l #	95
52) Toluene	7.64	92	5354	4.112	ug/l	98
68) m/p-Xylenes	10.16	106	1907	2.667	ug/l #	56

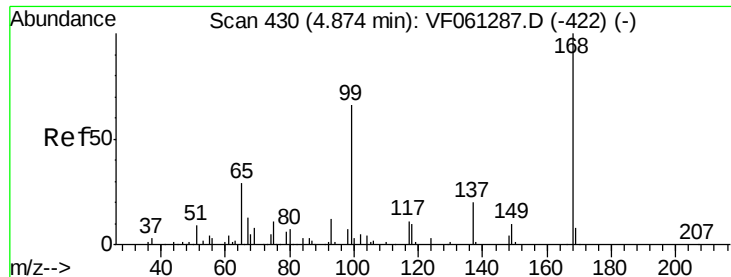
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010919\
Data File : VF061310.D
Acq On : 9 Jan 2019 19:32
Operator : VA/AP
Sample : K1082-03
Misc : 7.35g/5mL/MSVOA-F/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SP-1-2

Quant Time: Jan 10 08:12:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 07:13:51 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.01 min

Lab File: VF061310.D

Acq: 9 Jan 2019 19:32

Instrument :

MSVOA_F

ClientSampled :

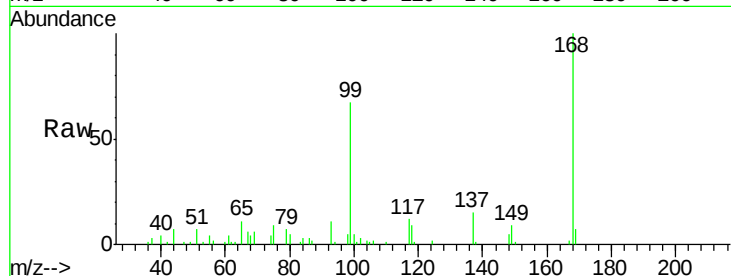
SP-1-2

Tot Ion:168 Resp: 57900

Ion Ratio Lower Upper

168 100

99 67.3 52.7 79.1



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.89

20000

15000

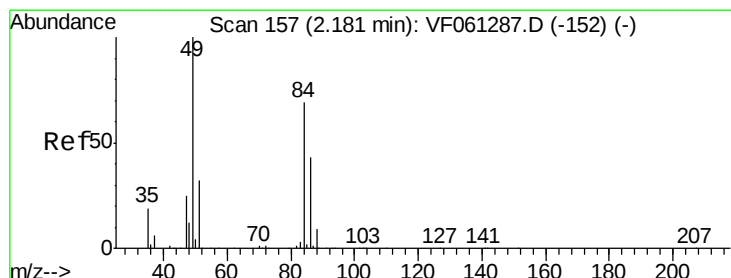
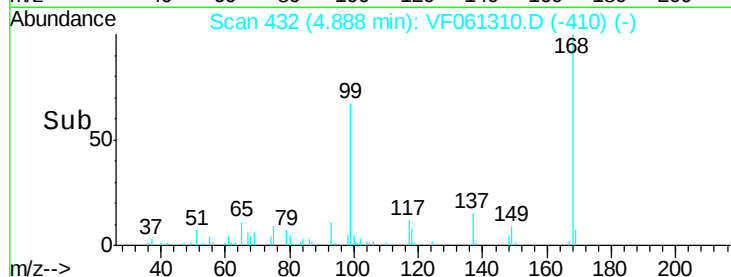
10000

5000

0

Time-->

4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 3.562 ug/l

RT: 2.20 min Scan# 159

Delta R.T. 0.01 min

Lab File: VF061310.D

Acq: 9 Jan 2019 19:32

Tgt Ion: 84 Resp: 2259

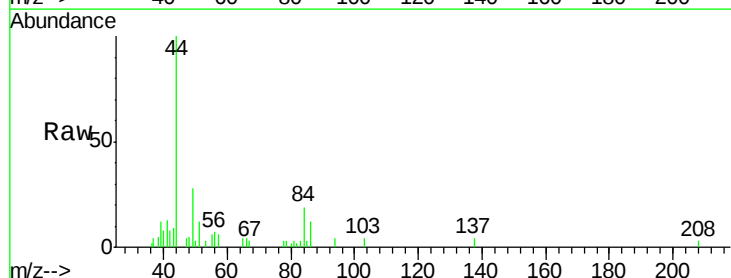
Ion Ratio Lower Upper

84 100

49 148.1 116.6 175.0

51 61.3 37.7 56.5#

86 61.3 49.8 74.8



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

1500

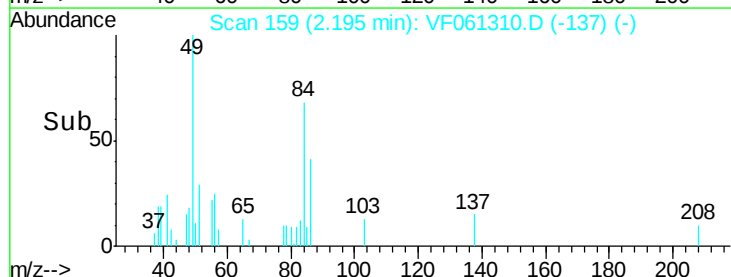
1000

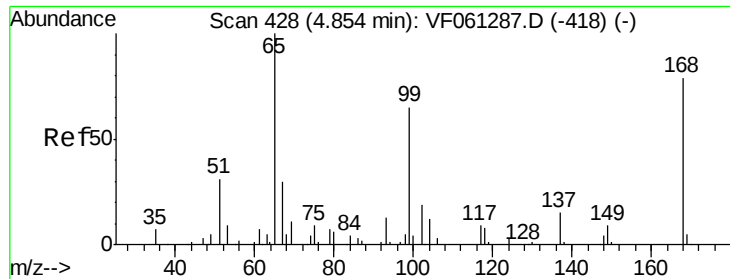
500

0

Time-->

2.10 2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 20.734 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061310.D

Acq: 9 Jan 2019 19:32

Instrument :

MSVOA_F

ClientSampled :

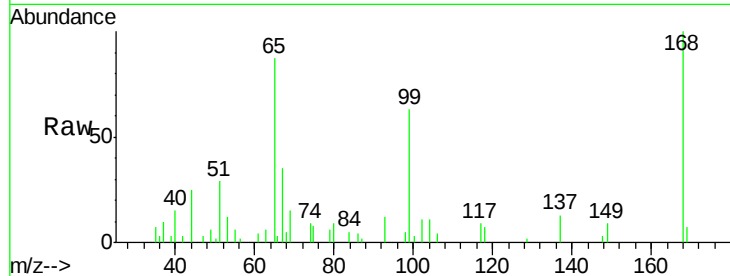
SP-1-2

Tot Ion: 65 Resp: 13362

Ion Ratio Lower Upper

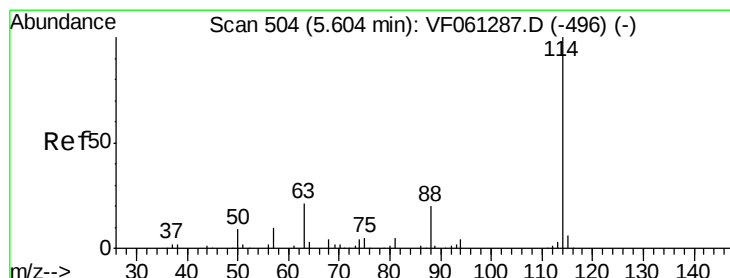
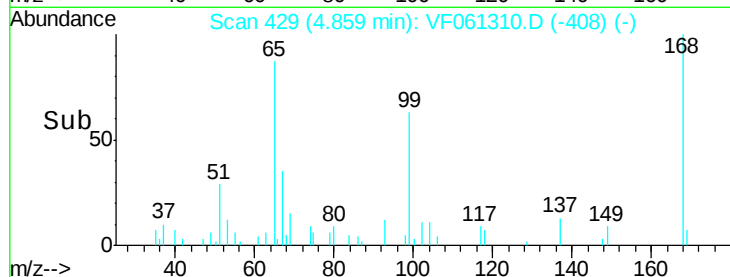
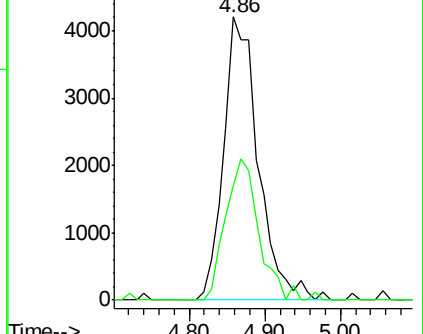
65 100

67 40.5 0.0 98.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 506

Delta R.T. 0.01 min

Lab File: VF061310.D

Acq: 9 Jan 2019 19:32

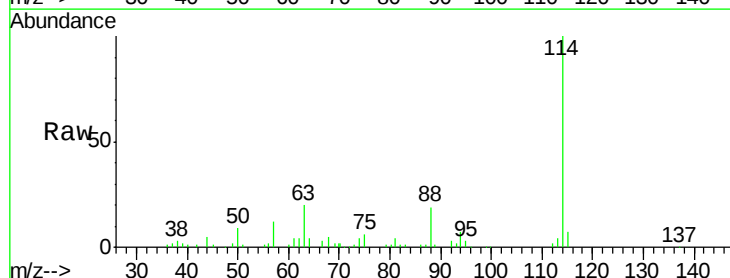
Tgt Ion: 114 Resp: 74311

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

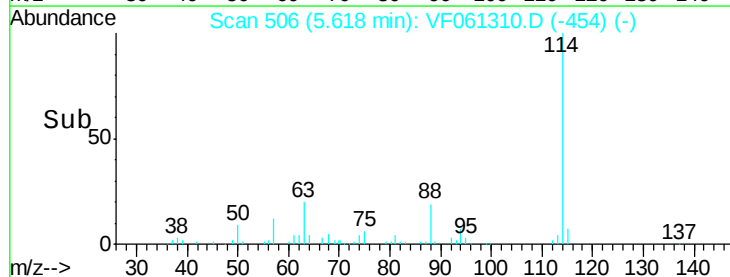
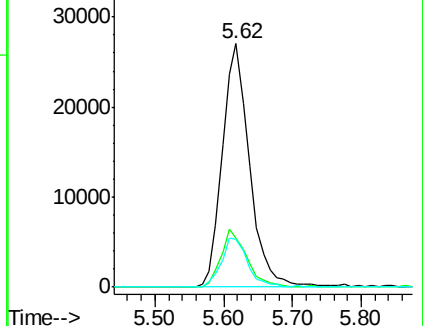
88 19.4 0.0 40.0

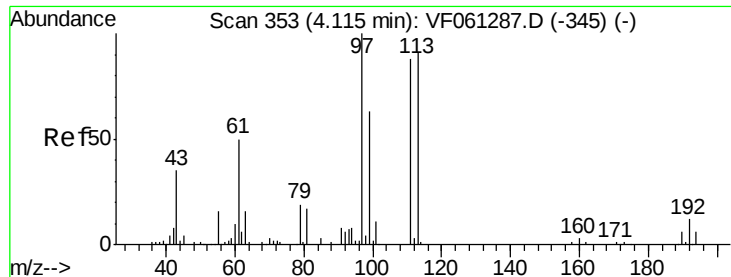


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

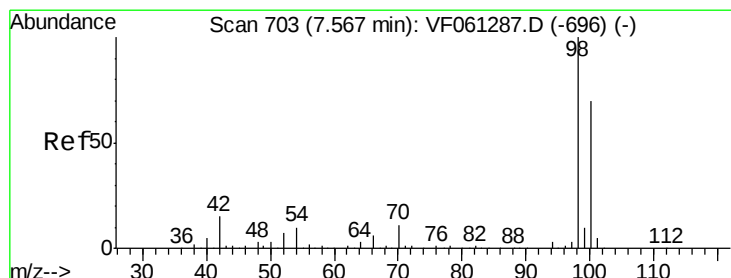
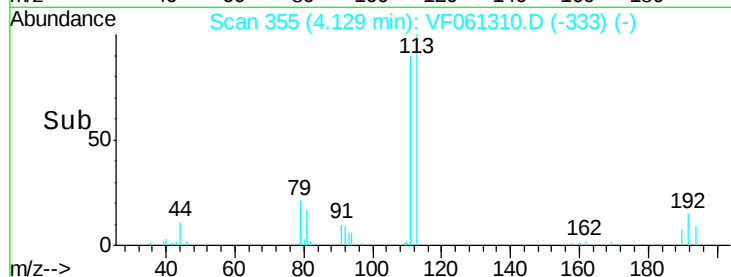
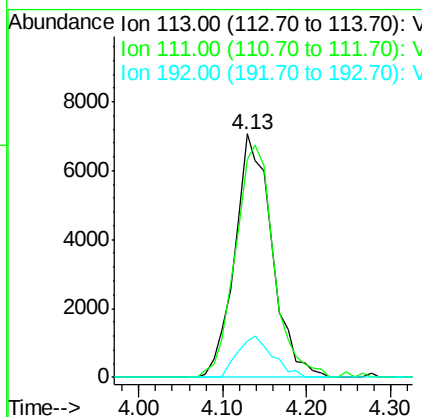
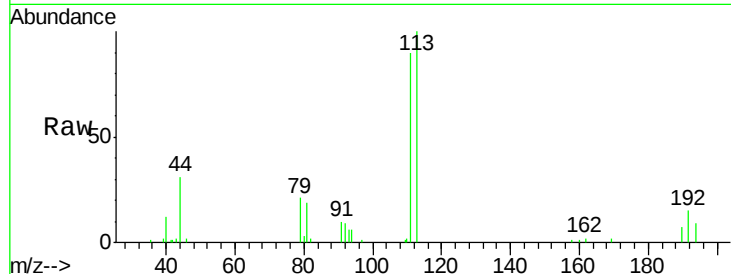




#35
 Dibromofluoromethane
 Concen: 38.324 ug/l
 RT: 4.13 min Scan# 355
 Delta R.T. 0.01 min
 Lab File: VF061310.D
 Acq: 9 Jan 2019 19:32

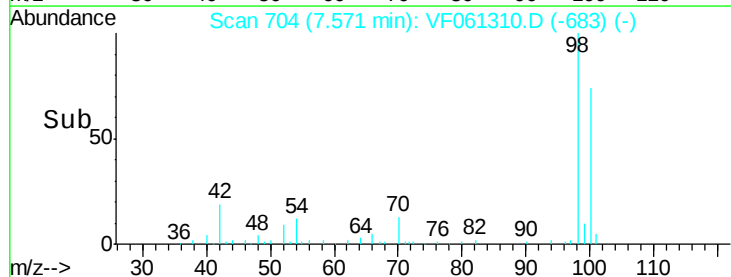
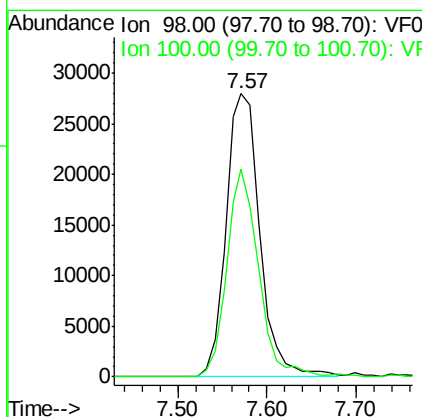
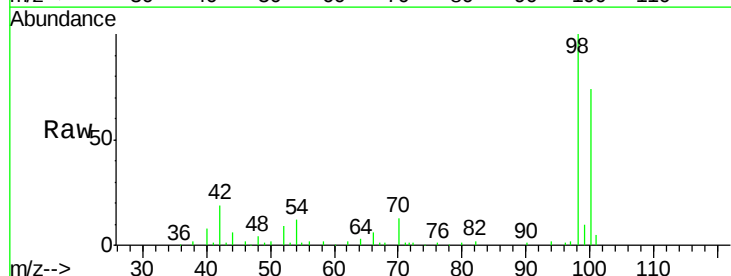
Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-2

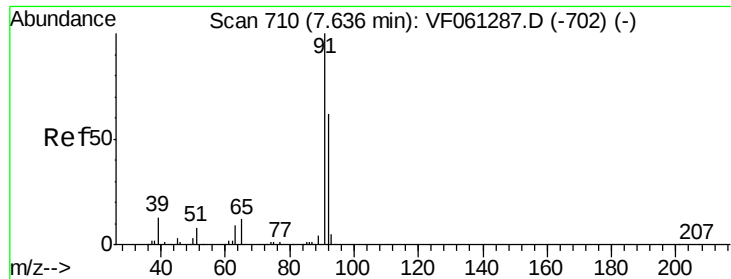
Tot Ion:113 Resp: 21791
 Ion Ratio Lower Upper
 113 100
 111 89.6 78.0 117.0
 192 14.8 10.6 16.0



#50
 Toluene-d8
 Concen: 44.328 ug/l
 RT: 7.57 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VF061310.D
 Acq: 9 Jan 2019 19:32

Tgt Ion: 98 Resp: 74588
 Ion Ratio Lower Upper
 98 100
 100 73.6 55.6 83.4





#52

Toluene

Concen: 4.112 ug/l

RT: 7.64 min Scan# 711

Delta R.T. 0.00 min

Lab File: VF061310.D

Acq: 9 Jan 2019 19:32

Instrument :

MSVOA_F

ClientSampleId :

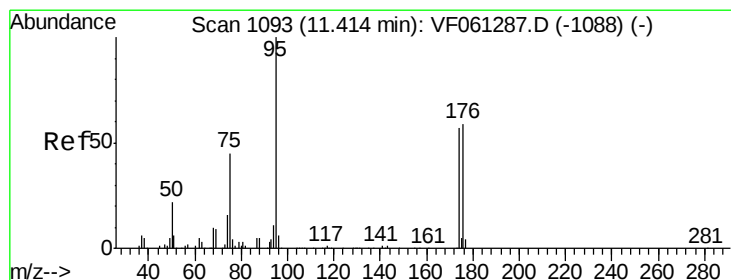
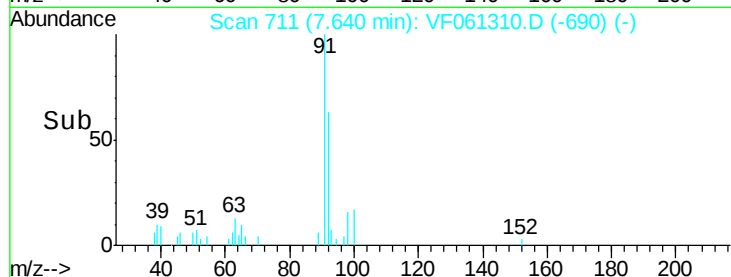
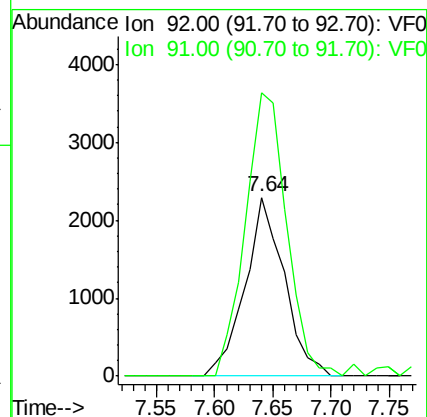
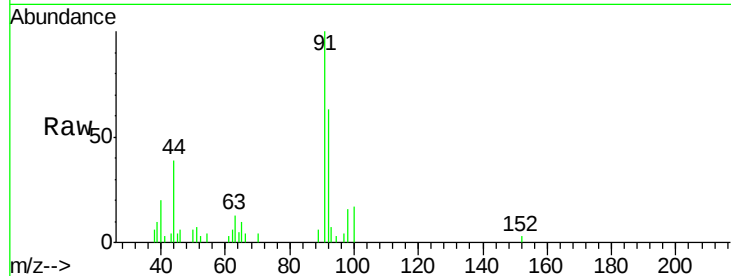
SP-1-2

Tot Ion: 92 Resp: 5354

Ion Ratio Lower Upper

92 100

91 158.4 129.2 193.8



#62

4-Bromofluorobenzene

Concen: 27.146 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. 0.01 min

Lab File: VF061310.D

Acq: 9 Jan 2019 19:32

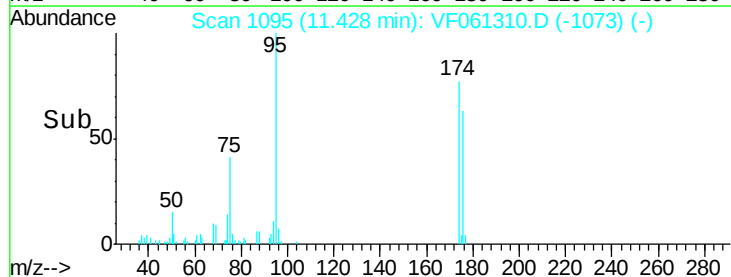
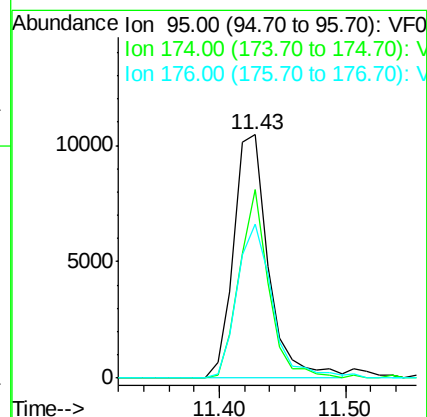
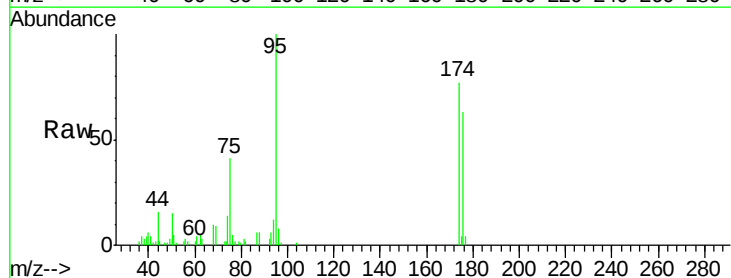
Tgt Ion: 95 Resp: 19945

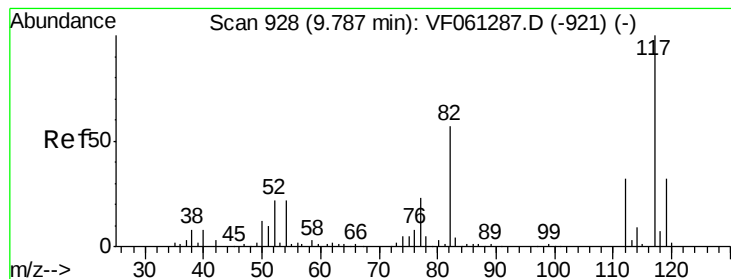
Ion Ratio Lower Upper

95 100

174 77.5 0.0 114.2

176 63.5 0.0 117.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.79 min Scan# 929

Delta R.T. 0.00 min

Lab File: VF061310.D

Acq: 9 Jan 2019 19:32

Instrument :

MSVOA_F

ClientSampleId :

SP-1-2

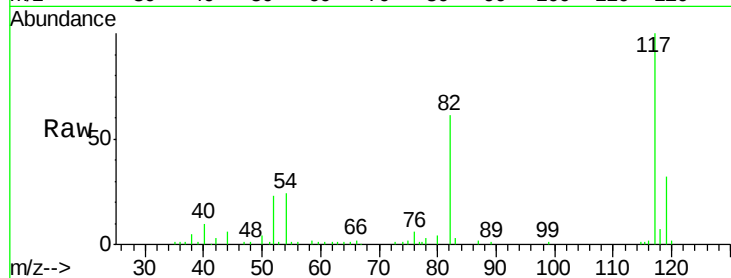
Tot Ion:117 Resp: 52657

Ion Ratio Lower Upper

117 100

82 60.6 45.3 67.9

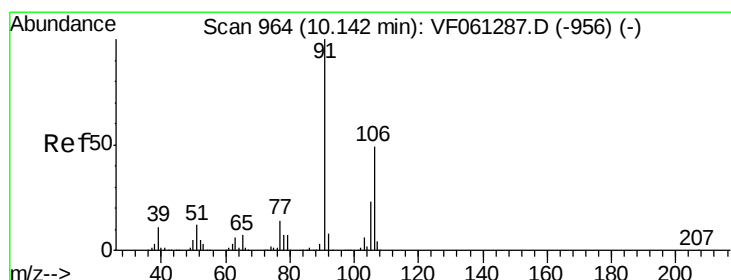
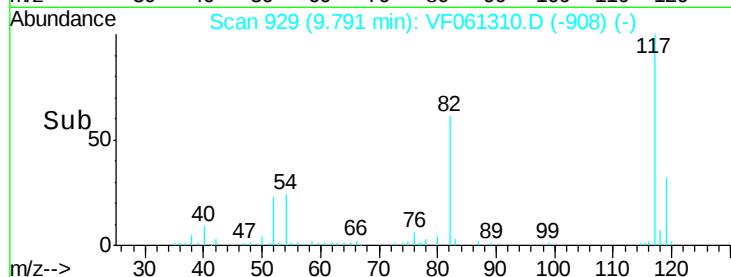
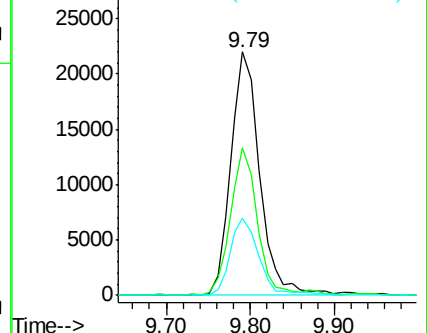
119 31.7 25.4 38.0



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



#68

m/p-Xylenes

Concen: 2.667 ug/l

RT: 10.16 min Scan# 966

Delta R.T. 0.01 min

Lab File: VF061310.D

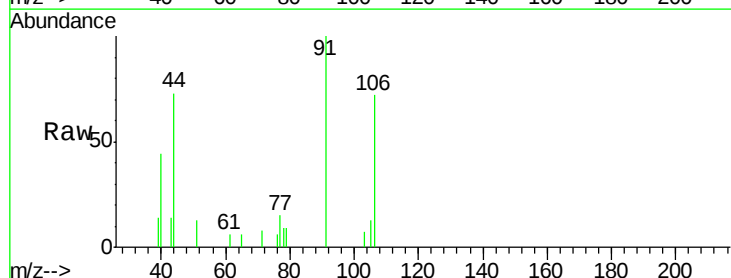
Acq: 9 Jan 2019 19:32

Tgt Ion:106 Resp: 1907

Ion Ratio Lower Upper

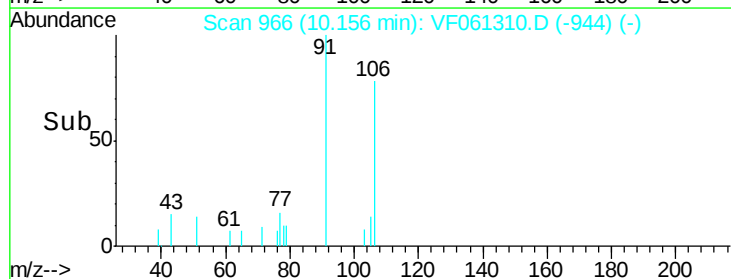
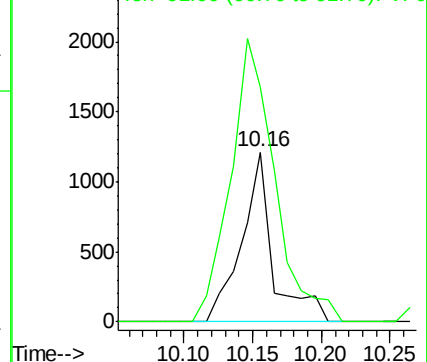
106 100

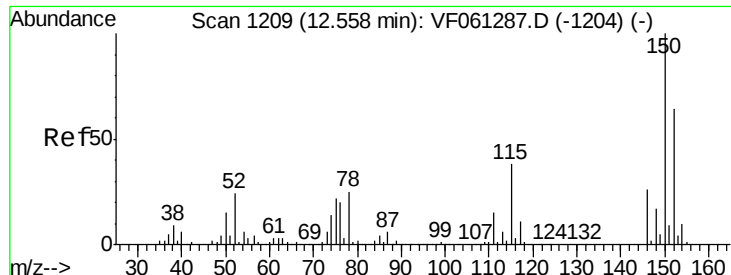
91 138.0 165.0 247.6#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

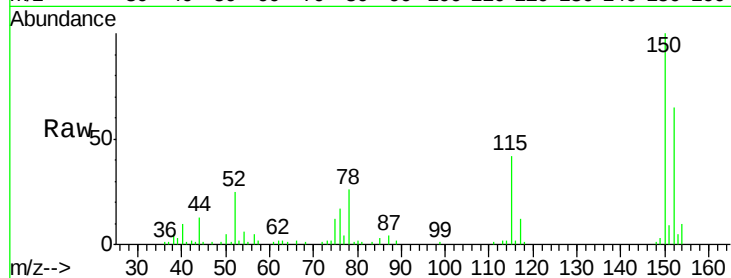




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.56 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: VF061310.D
 Acq: 9 Jan 2019 19:32

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.2	29.6	88.9
150	154.2	0.0	315.4



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

