

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF082718\
 Data File : VF060139.D
 Acq On : 27 Aug 2018 21:49
 Operator : VA/AP
 Sample : J4648-04
 Misc : 6.50u/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-2-@-8-FT

Quant Time: Aug 28 01:22:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F082118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 04:43:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	140818	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	195794	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.91	117	212515	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	94451	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	81898	42.49	ug/l	-0.03
Spiked Amount			Recovery	=	84.98%	
35) Dibromofluoromethane	4.28	113	80304	52.23	ug/l	-0.03
Spiked Amount			Recovery	=	104.46%	
50) Toluene-d8	7.70	98	191595	43.88	ug/l	-0.03
Spiked Amount			Recovery	=	87.76%	
62) 4-Bromofluorobenzene	11.50	95	86939	37.64	ug/l	-0.02
Spiked Amount			Recovery	=	75.28%	

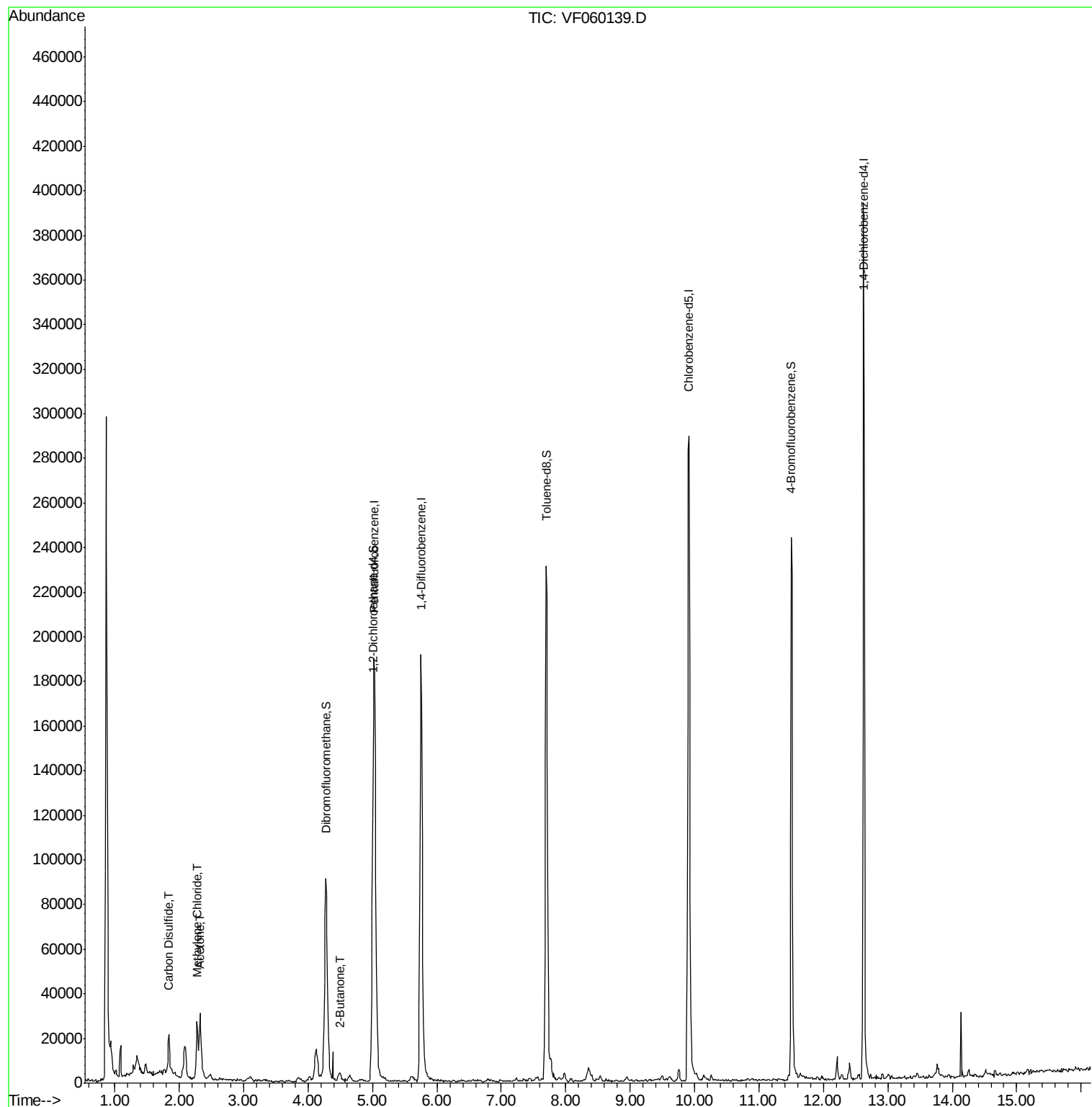
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.32	43	38763	76.53	ug/l	96
17) Carbon Disulfide	1.84	76	21567	7.70	ug/l	99
20) Methylene Chloride	2.27	84	14349	10.32	ug/l	92
25) 2-Butanone	4.50	43	7152	10.87	ug/l	97

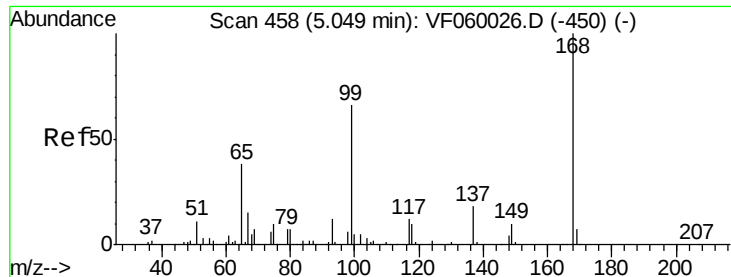
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 04:43:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF060139.D

Acq: 27 Aug 2018 21:49

Instrument :

MSVOA_F

ClientSampleId :

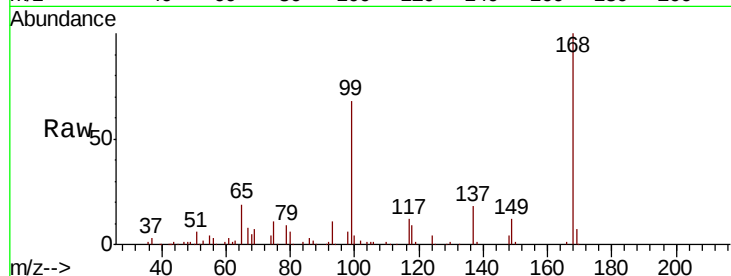
SB-2-@-8-FT

Tot Ion:168 Resp: 140818

Ion Ratio Lower Upper

168 100

99 67.8 52.6 79.0



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

40000

30000

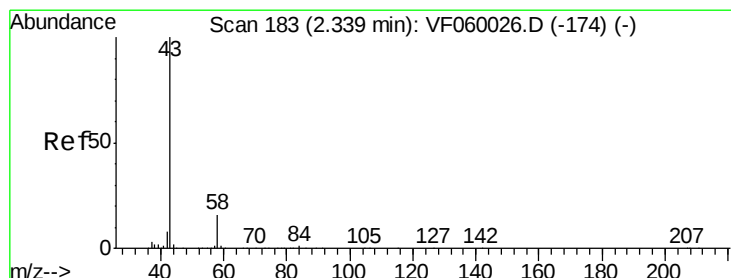
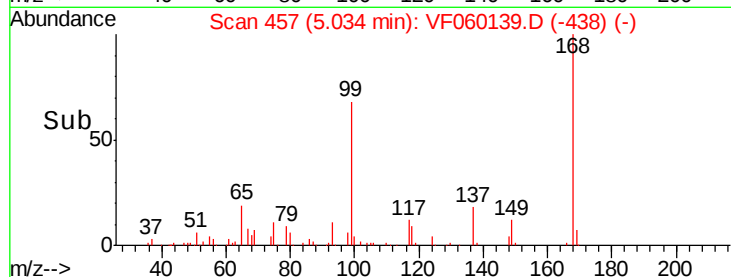
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#16

Acetone

Concen: 76.53 ug/l

RT: 2.32 min Scan# 182

Delta R.T. -0.02 min

Lab File: VF060139.D

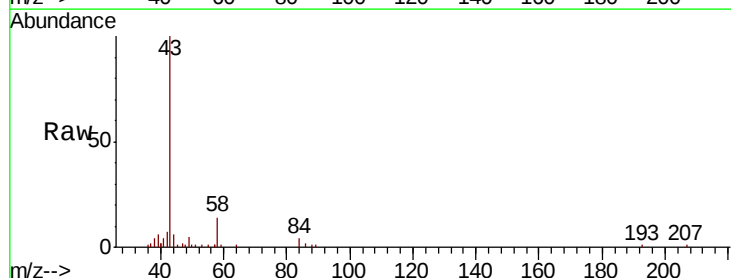
Acq: 27 Aug 2018 21:49

Tgt Ion: 43 Resp: 38763

Ion Ratio Lower Upper

43 100

58 14.0 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.32

20000

15000

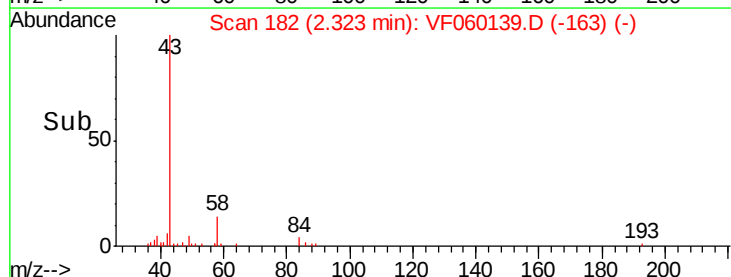
10000

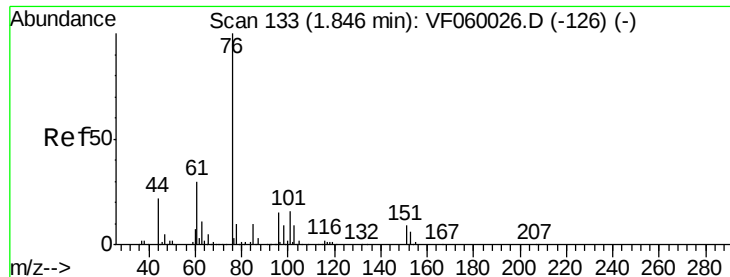
5000

0

2.20 2.30 2.40

Time-->





#17

Carbon Disulfide

Concen: 7.70 ug/l

RT: 1.84 min Scan# 133

Delta R.T. -0.01 min

Lab File: VF060139.D

Acq: 27 Aug 2018 21:49

Instrument :

MSVOA_F

ClientSampleId :

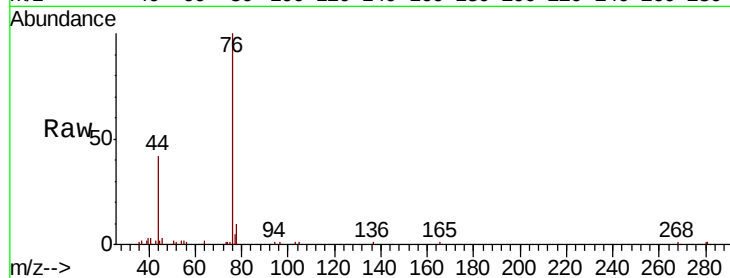
SB-2-@-8-FT

Tot Ion: 76 Resp: 21567

Ion Ratio Lower Upper

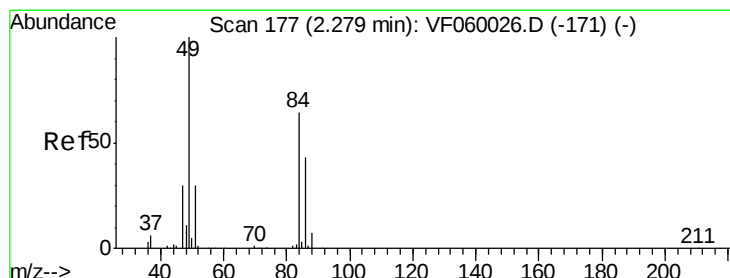
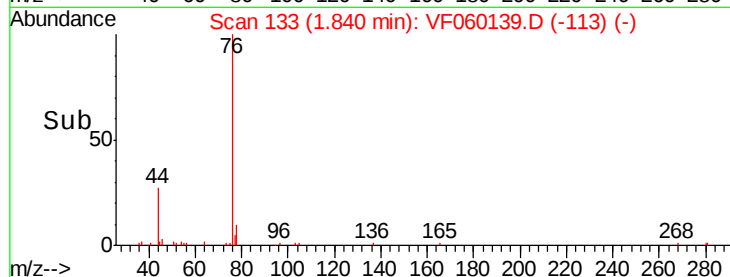
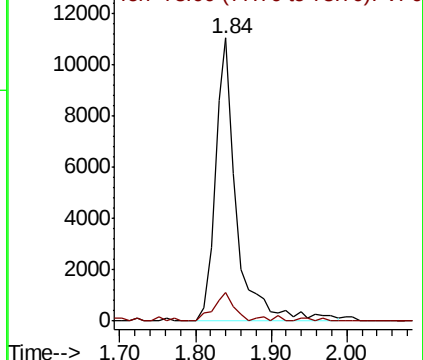
76 100

78 10.3 8.4 12.6



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#20

Methylene Chloride

Concen: 10.32 ug/l

RT: 2.27 min Scan# 177

Delta R.T. -0.00 min

Lab File: VF060139.D

Acq: 27 Aug 2018 21:49

Tgt Ion: 84 Resp: 14349

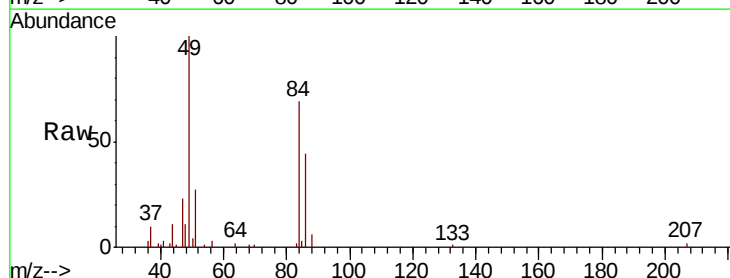
Ion Ratio Lower Upper

84 100

49 144.9 125.4 188.0

51 39.8 38.3 57.5

86 64.0 53.3 79.9

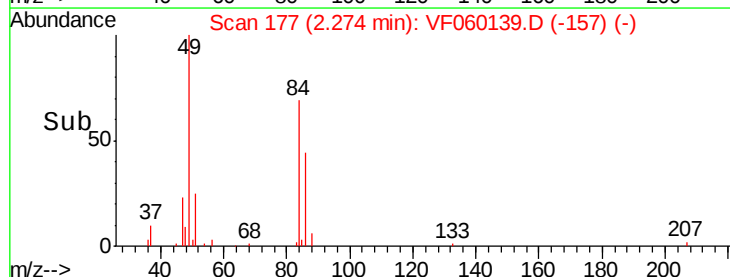
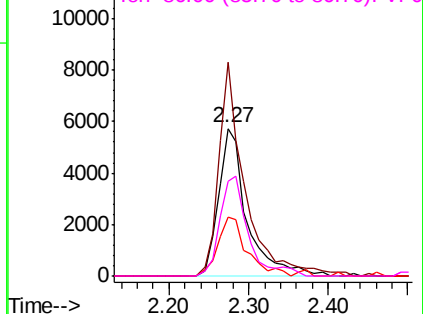


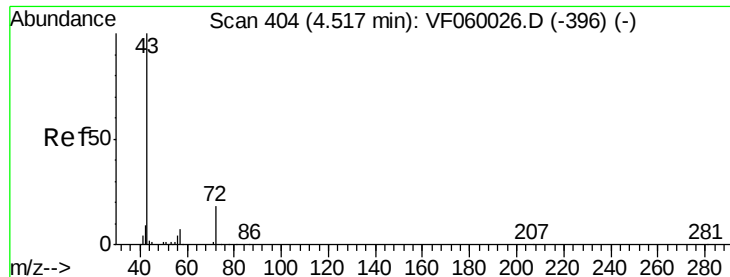
Abundance Ion 84.00 (83.70 to 84.70): VF0

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

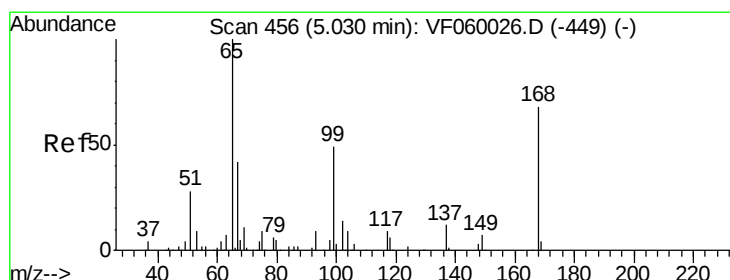
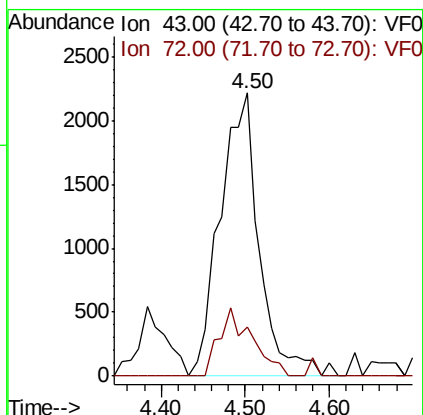
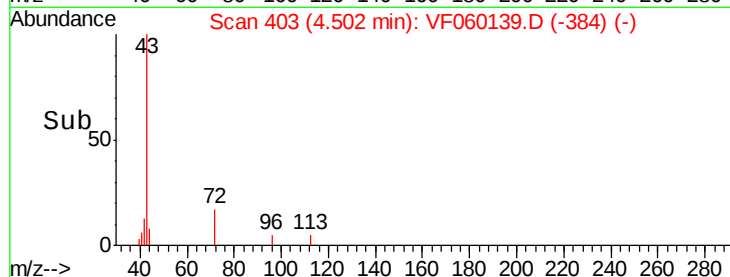
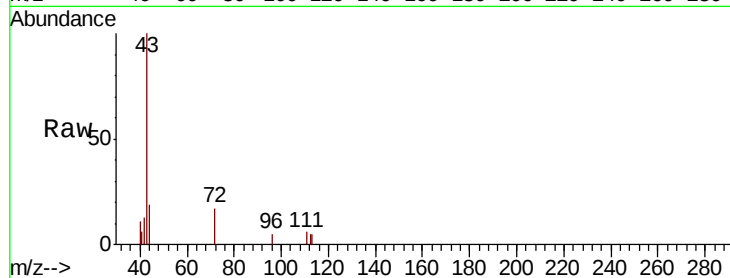




#25
2-Butanone
Concen: 10.87 ug/l
RT: 4.50 min Scan# 403
Delta R.T. -0.02 min
Lab File: VF060139.D
Acq: 27 Aug 2018 21:49

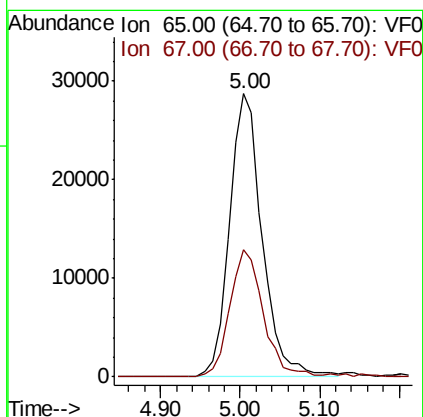
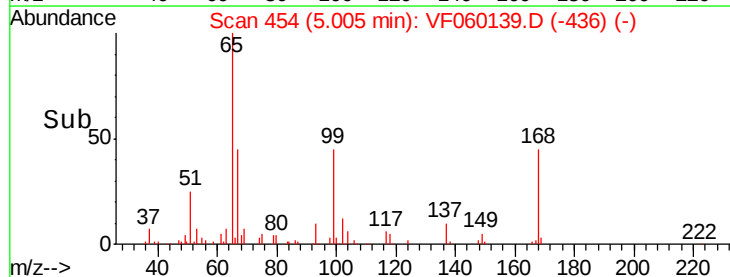
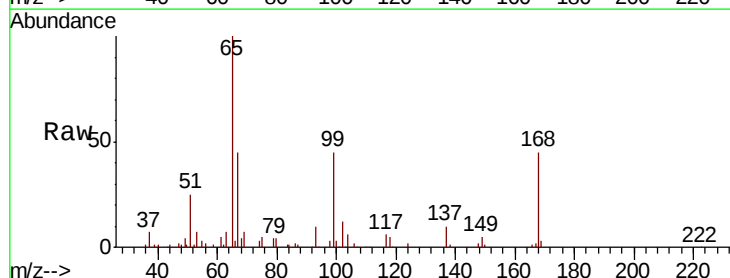
Instrument :
MSVOA_F
ClientSampleId :
SB-2-@-8-FT

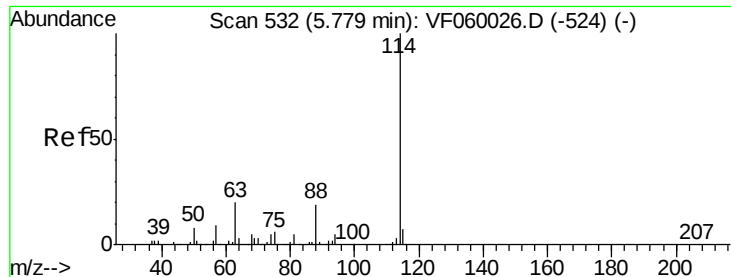
Tot Ion: 43 Resp: 7152
Ion Ratio Lower Upper
43 100
72 17.4 15.0 22.6



#33
1,2-Dichloroethane-d4
Concen: 42.49 ug/l
RT: 5.00 min Scan# 454
Delta R.T. -0.03 min
Lab File: VF060139.D
Acq: 27 Aug 2018 21:49

Tgt Ion: 65 Resp: 81898
Ion Ratio Lower Upper
65 100
67 45.1 0.0 92.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 530

Delta R.T. -0.03 min

Lab File: VF060139.D

Acq: 27 Aug 2018 21:49

Instrument :

MSVOA_F

ClientSampleId :

SB-2-@-8-FT

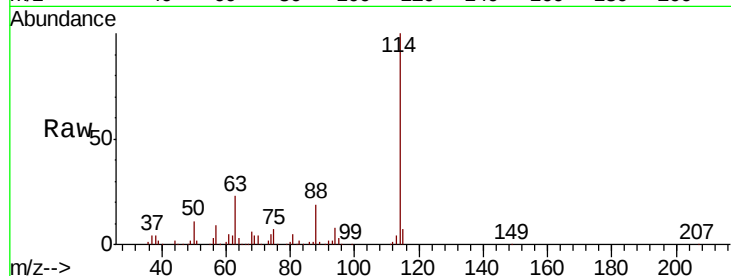
Tot Ion:114 Resp: 195794

Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.4

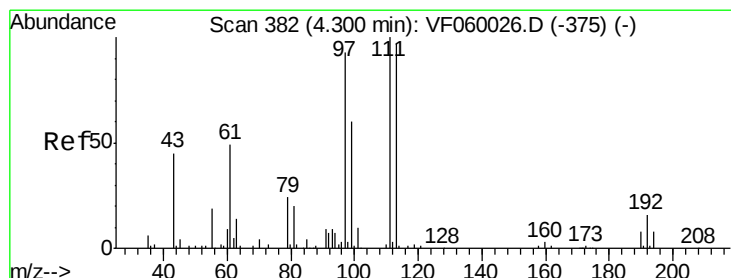
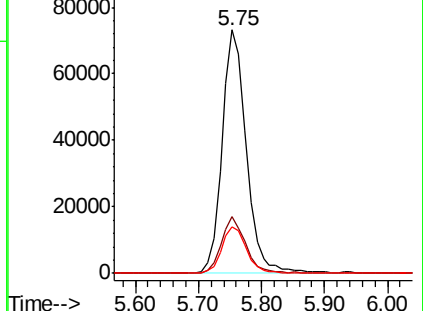
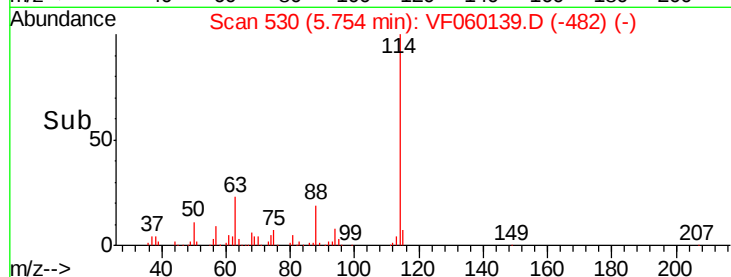
88 19.1 0.0 38.6



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: 52.23 ug/l

RT: 4.28 min Scan# 380

Delta R.T. -0.03 min

Lab File: VF060139.D

Acq: 27 Aug 2018 21:49

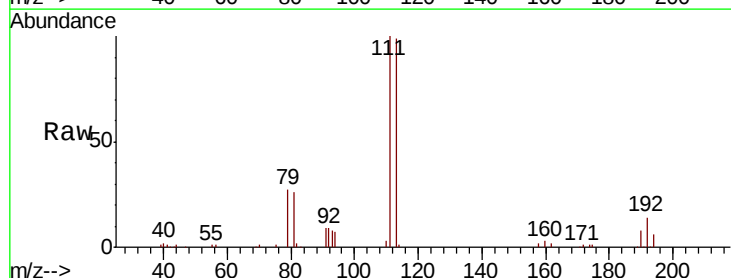
Tgt Ion:113 Resp: 80304

Ion Ratio Lower Upper

113 100

111 101.0 82.7 124.1

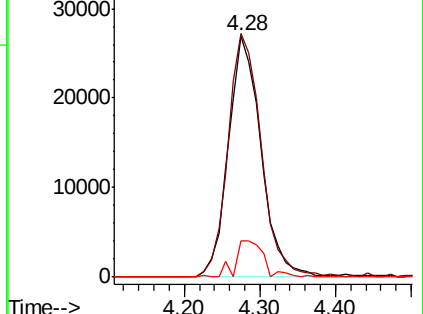
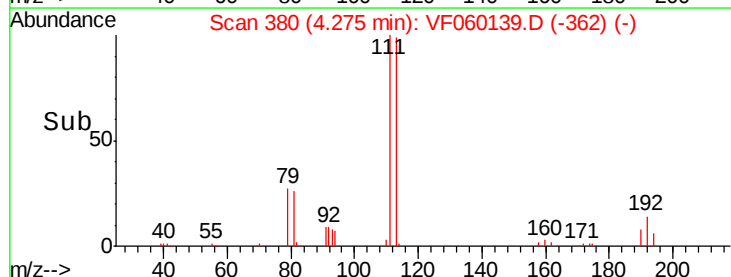
192 14.9 13.0 19.4

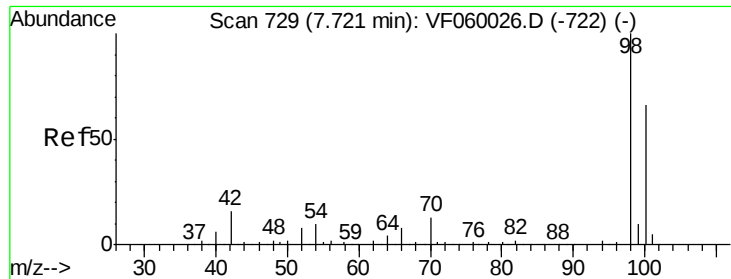


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

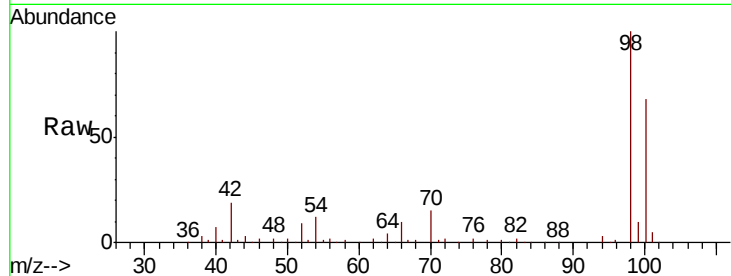




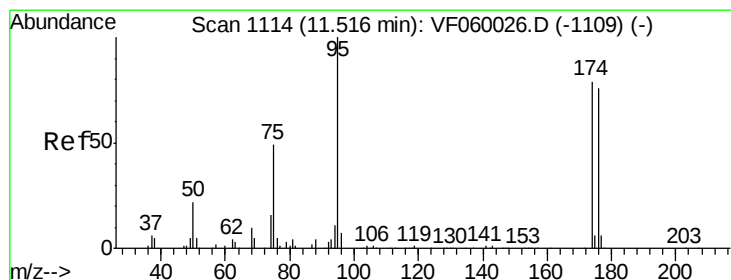
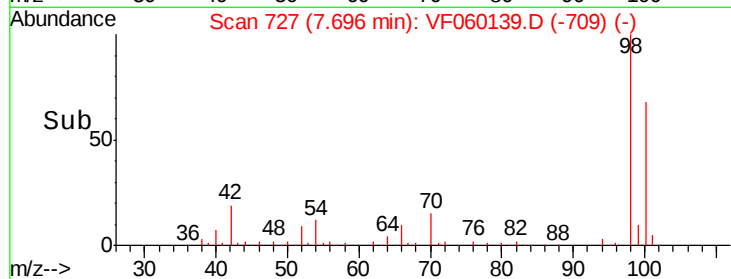
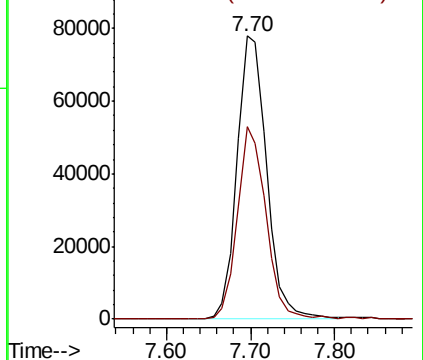
#50
Toluene-d8
Concen: 43.88 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.03 min
Lab File: VF060139.D
Acq: 27 Aug 2018 21:49

Instrument :
MSVOA_F
ClientSampleId :
SB-2-@-8-FT

Tot Ion: 98 Resp: 191595
Ion Ratio Lower Upper
98 100
100 68.2 53.2 79.8

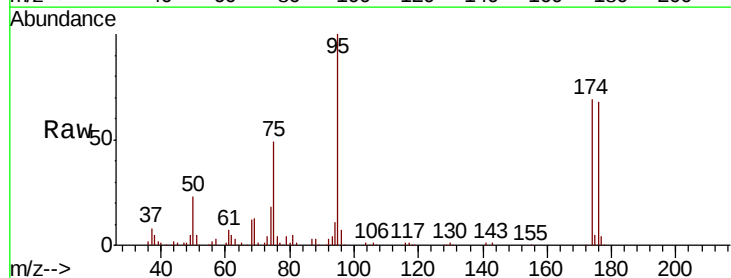


Abundance Ion 98.00 (97.70 to 98.70): VF0
Ion 100.00 (99.70 to 100.70): VF

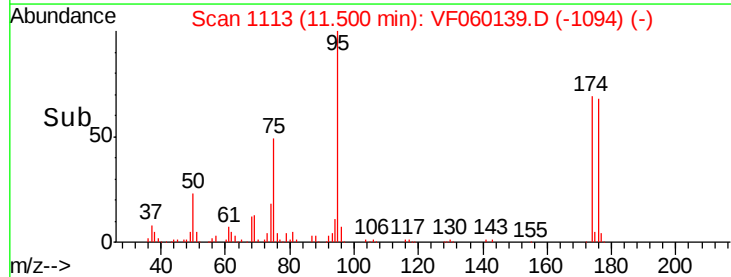
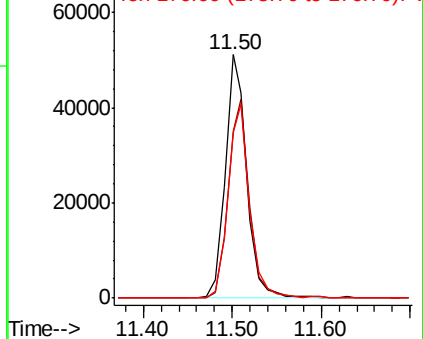


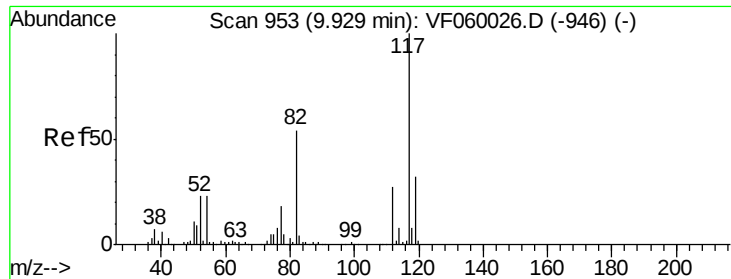
#62
4-Bromofluorobenzene
Concen: 37.64 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF060139.D
Acq: 27 Aug 2018 21:49

Tgt Ion: 95 Resp: 86939
Ion Ratio Lower Upper
95 100
174 68.6 0.0 158.4
176 67.8 0.0 153.0



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

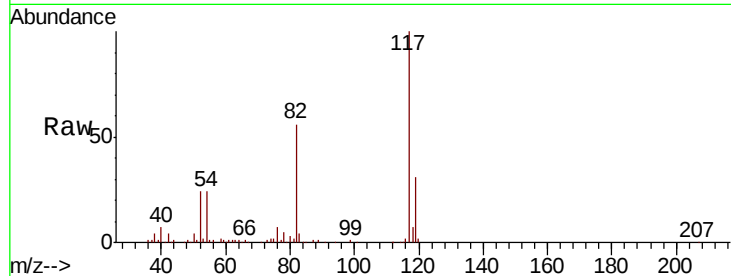




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF060139.D
Acq: 27 Aug 2018 21:49

Instrument :
MSVOA_F
ClientSampleId :
SB-2-@-8-FT

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.6	65.4
119	31.5	25.6	38.4

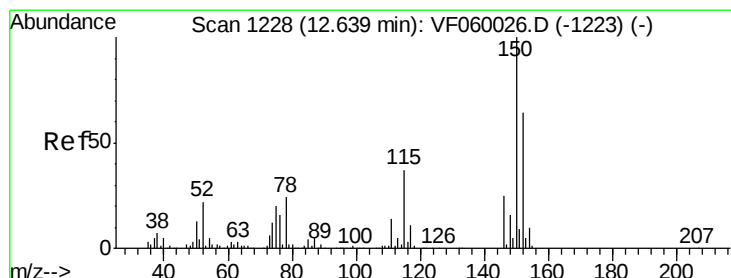
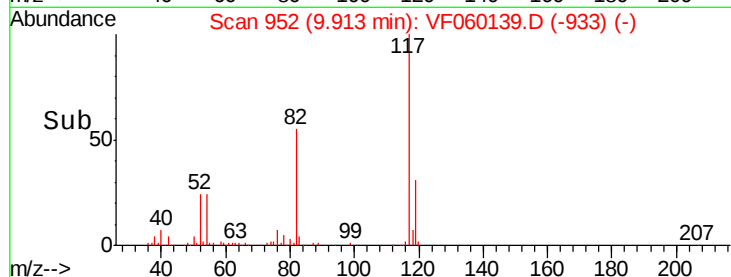
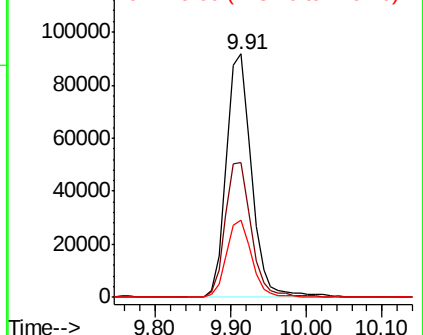


Abundance

Ion 117.00 (116.70 to 117.70): V

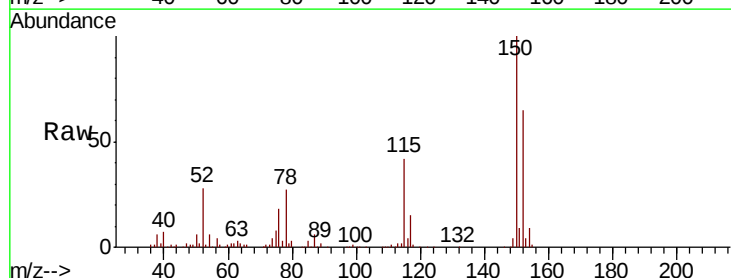
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF060139.D
Acq: 27 Aug 2018 21:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	28.6	85.9
150	153.2	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

