

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110918\
 Data File : VF060685.D
 Acq On : 9 Nov 2018 21:30
 Operator : VA/AP
 Sample : J5884-11
 Misc : 5.39g/5mL/MSVOA-F/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-8A-S

Quant Time: Nov 12 05:53:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

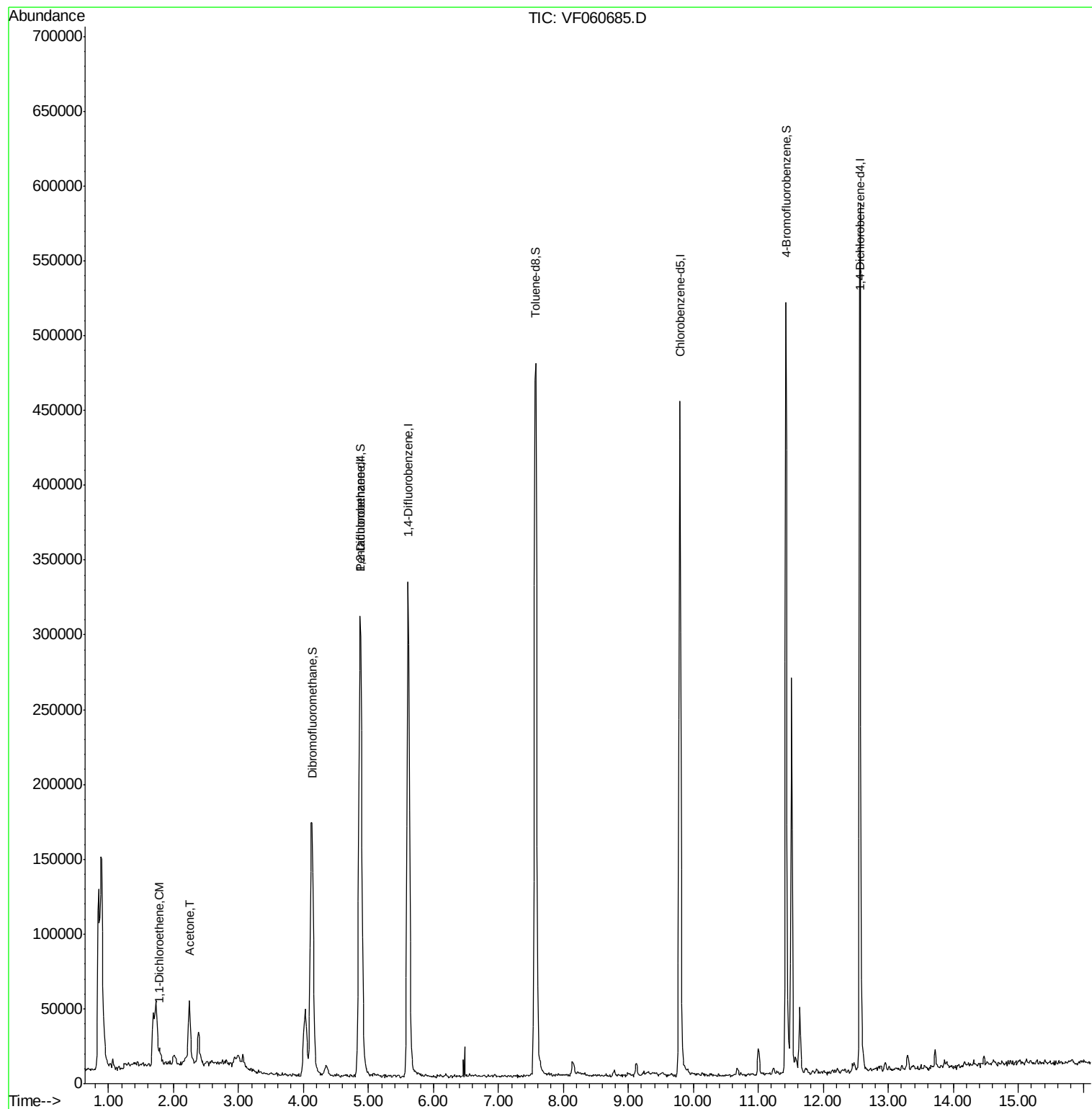
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	214544	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	382493	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.79	117	344585	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.56	152	155811	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	149994	69.20	ug/l	0.01
Spiked Amount 50.000			Recovery	=	138.40%	
35) Dibromofluoromethane	4.13	113	169278	57.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	114.56%	
50) Toluene-d8	7.57	98	431071	49.24	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.42	95	203064	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
Target Compounds						
12) 1,1-Dichloroethene	1.78	96	2631	1.688	ug/l	93
16) Acetone	2.25	43	74799	146.437	ug/l	95

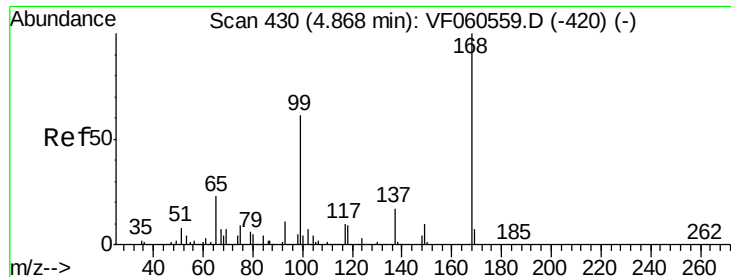
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF060685.D

Acq: 9 Nov 2018 21:30

Instrument :

MSVOA_F

ClientSampled :

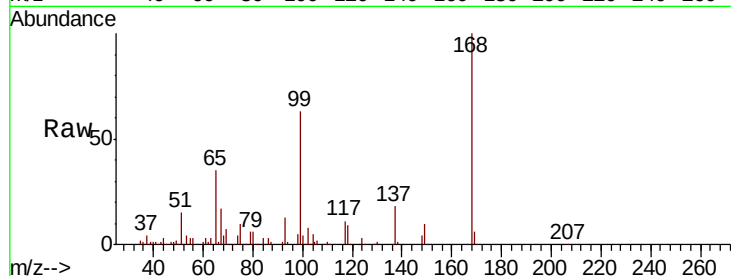
TP-8A-S

Tot Ion:168 Resp: 214544

Ion Ratio Lower Upper

168 100

99 63.4 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

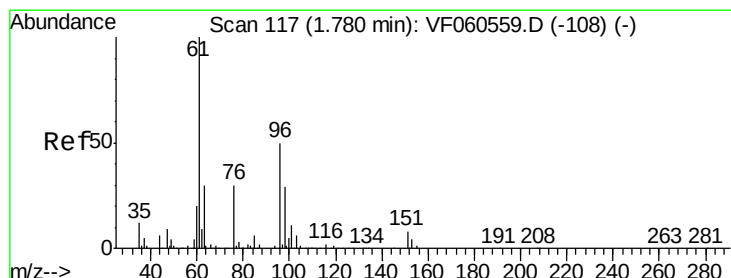
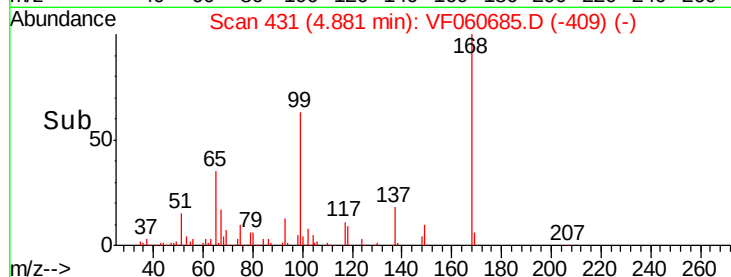
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#12

1,1-Dichloroethene

Concen: 1.688 ug/l

RT: 1.78 min Scan# 117

Delta R.T. 0.00 min

Lab File: VF060685.D

Acq: 9 Nov 2018 21:30

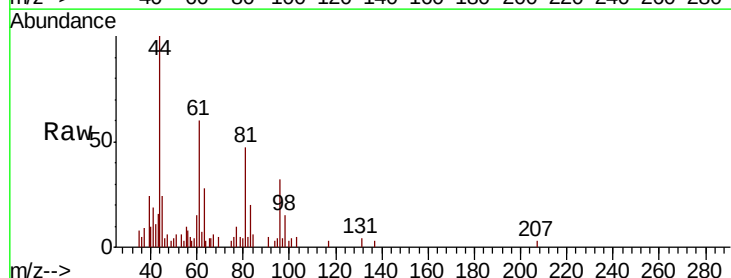
Tgt Ion: 96 Resp: 2631

Ion Ratio Lower Upper

96 100

61 190.2 158.1 237.1

98 47.6 47.0 70.6



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

5000

4000

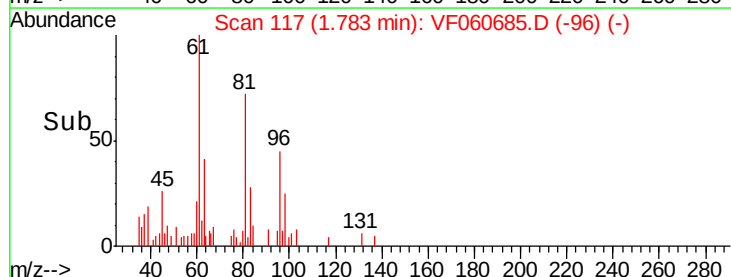
3000

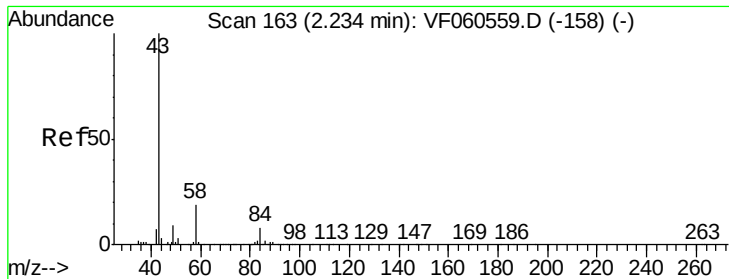
2000

1000

0

Time--> 1.70 1.75 1.80 1.85

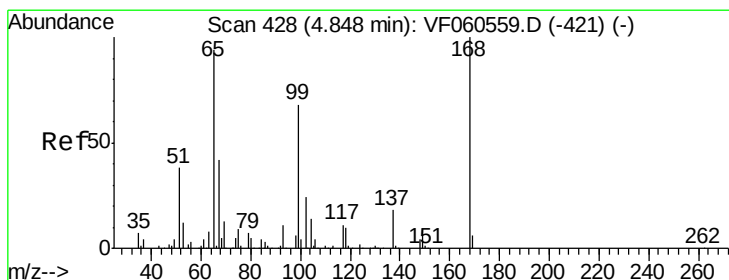
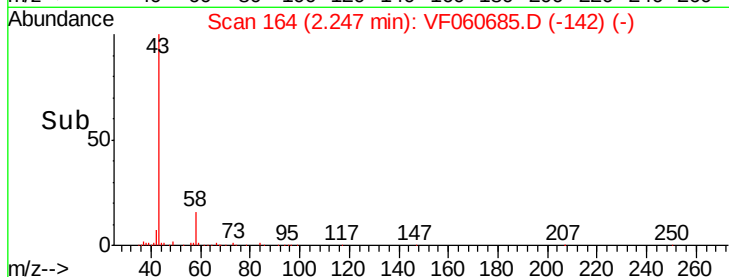
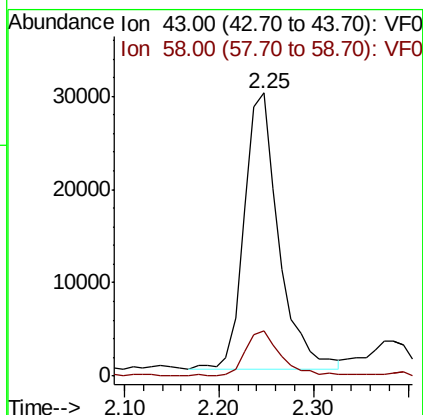
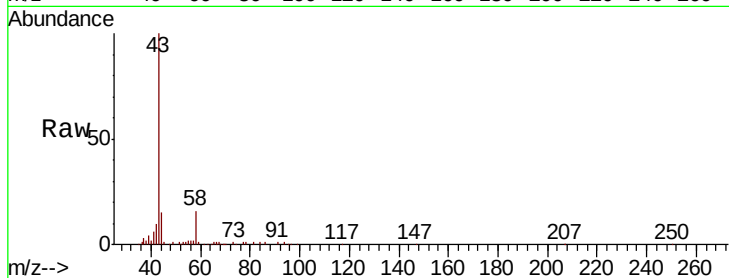




#16
Acetone
Concen: 146.437 ug/l
RT: 2.25 min Scan# 164
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

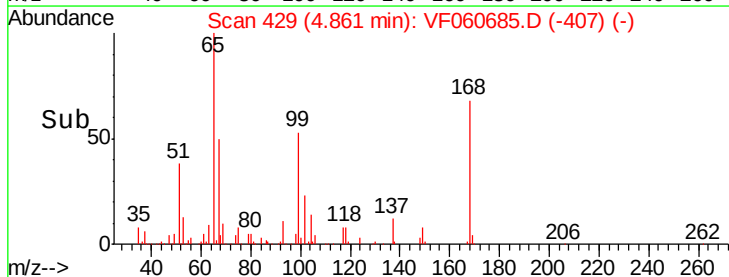
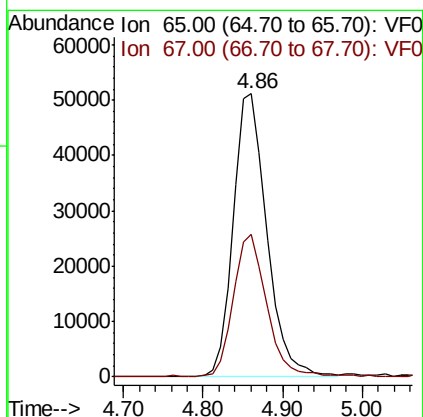
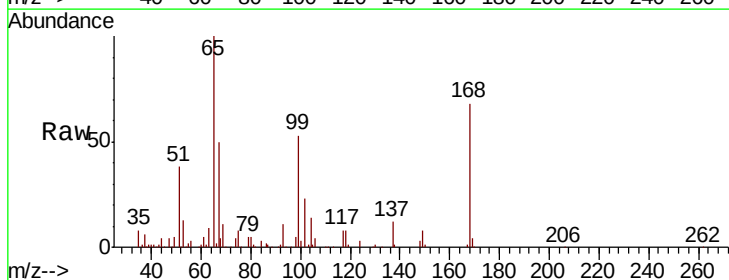
Instrument :
MSVOA_F
ClientSampleId :
TP-8A-S

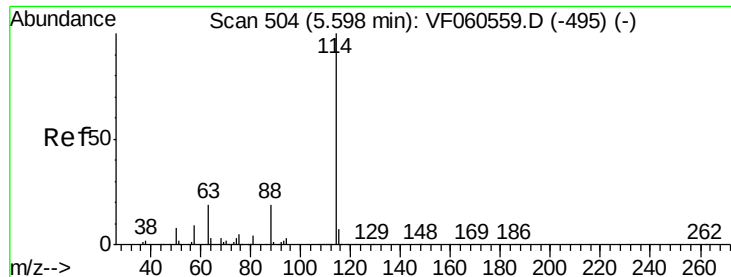
Tot Ion: 43 Resp: 74799
Ion Ratio Lower Upper
43 100
58 16.1 14.6 22.0



#33
1,2-Dichloroethane-d4
Concen: 69.195 ug/l
RT: 4.86 min Scan# 429
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 65 Resp: 149994
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.01 min

Lab File: VF060685.D

Acq: 9 Nov 2018 21:30

Instrument :

MSVOA_F

ClientSampleId :

TP-8A-S

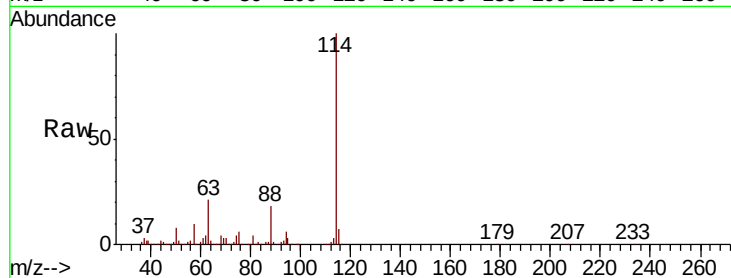
Tot Ion:114 Resp: 382493

Ion Ratio Lower Upper

114 100

63 21.4 0.0 39.0

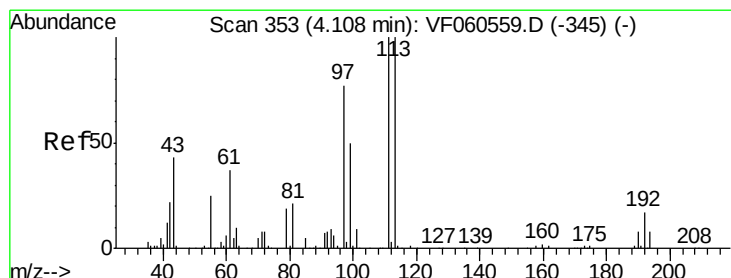
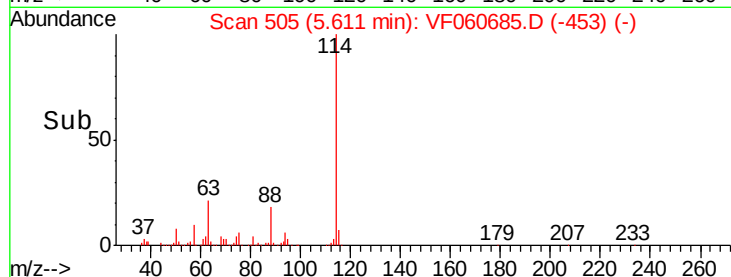
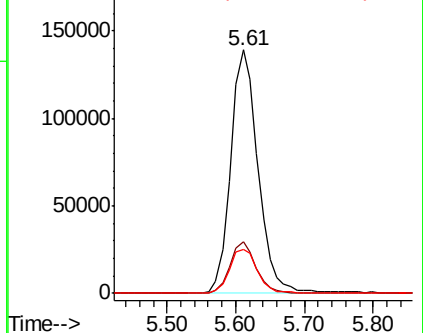
88 18.3 0.0 38.2



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: 57.283 ug/l

RT: 4.13 min Scan# 355

Delta R.T. 0.02 min

Lab File: VF060685.D

Acq: 9 Nov 2018 21:30

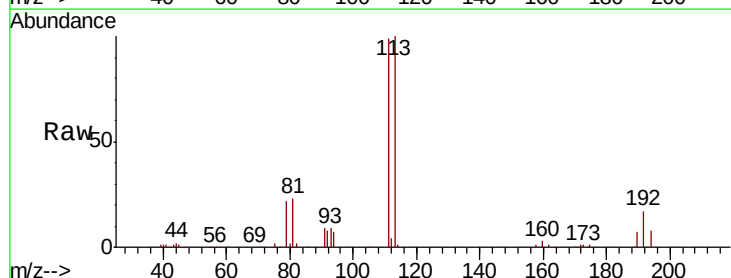
Tgt Ion:113 Resp: 169278

Ion Ratio Lower Upper

113 100

111 99.5 79.9 119.9

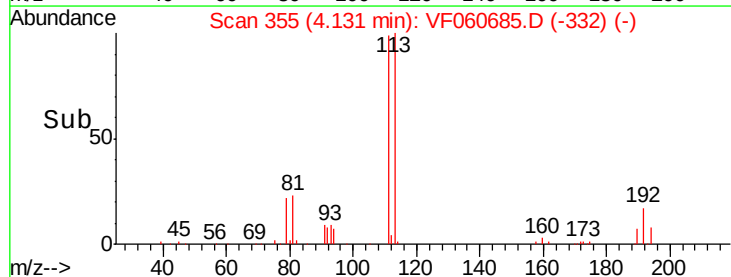
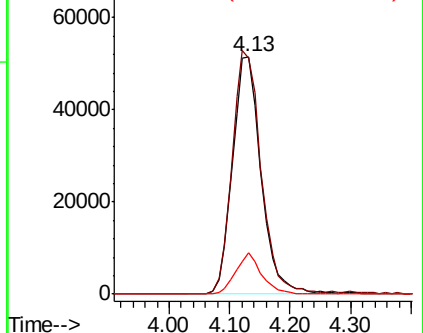
192 17.4 13.3 19.9

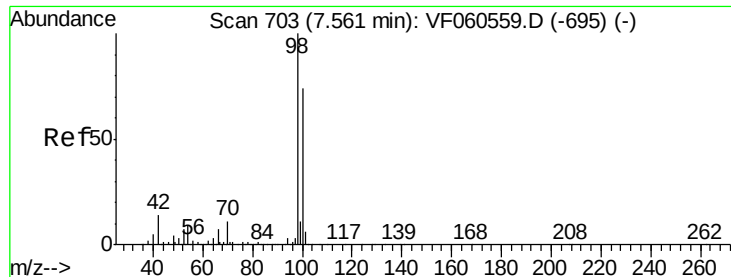


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

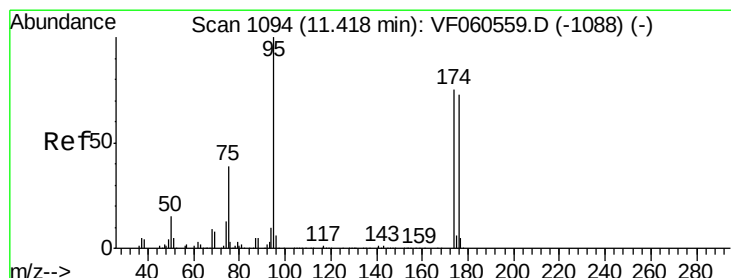
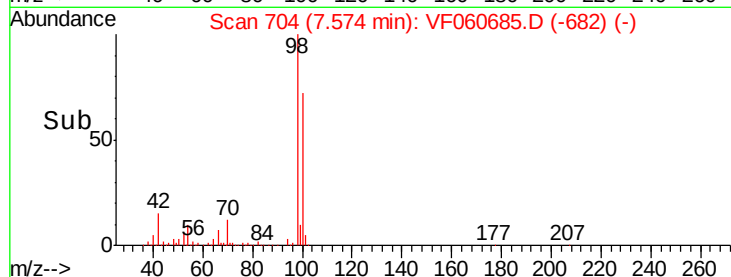
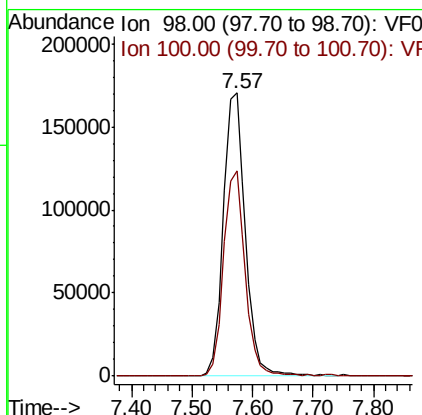
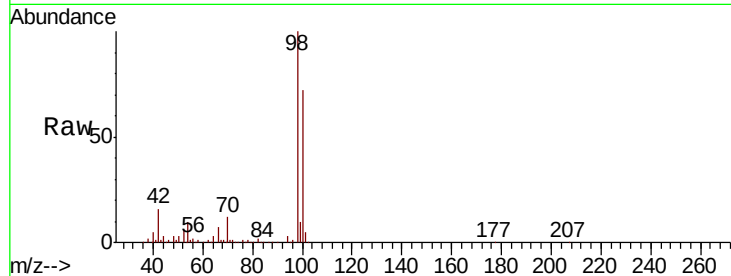




#50
Toluene-d8
Concen: 49.243 ug/l
RT: 7.57 min Scan# 704
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

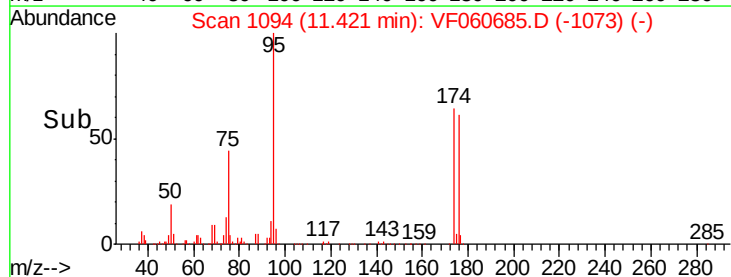
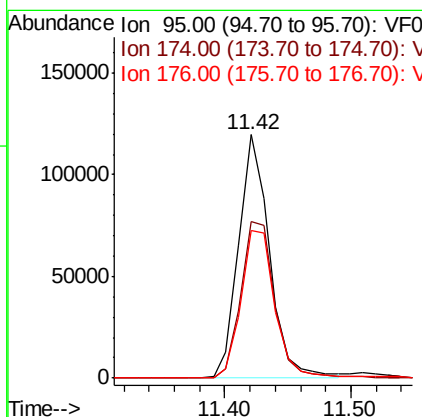
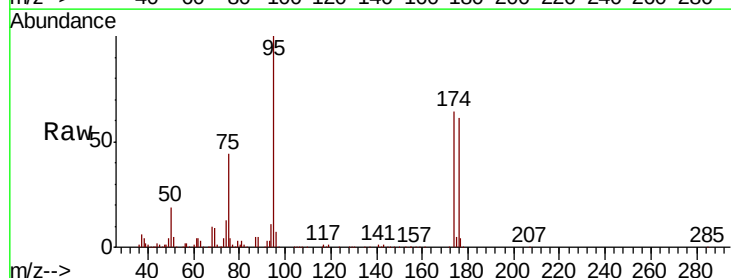
Instrument :
MSVOA_F
ClientSampleId :
TP-8A-S

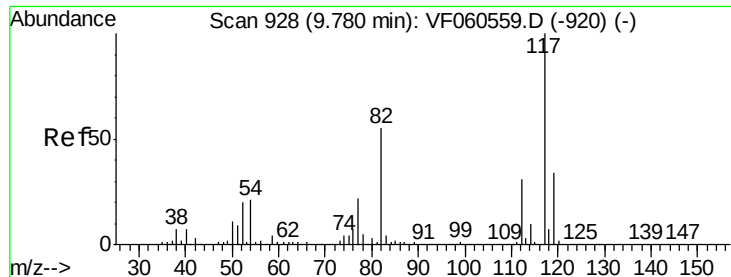
Tot Ion: 98 Resp: 431071
Ion Ratio Lower Upper
98 100
100 72.5 59.4 89.2



#62
4-Bromofluorobenzene
Concen: 53.032 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion: 95 Resp: 203064
Ion Ratio Lower Upper
95 100
174 64.5 0.0 149.0
176 60.5 0.0 145.6

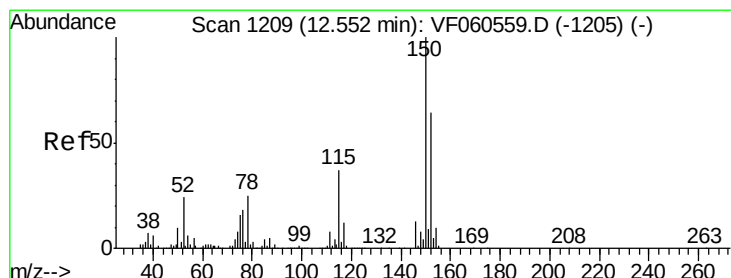
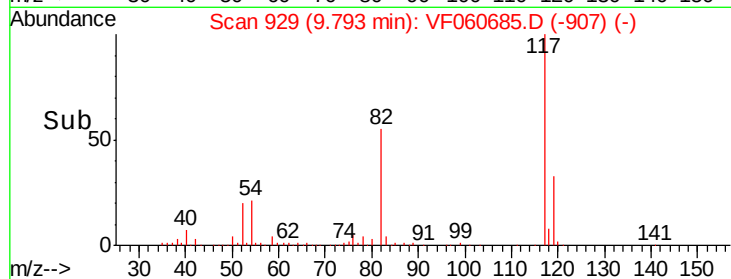
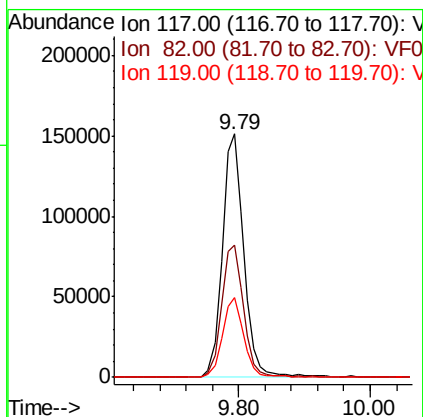
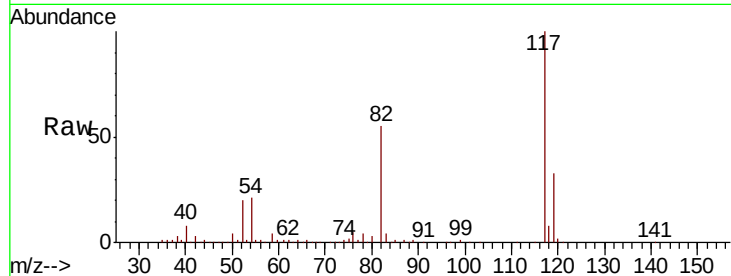




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Instrument :
MSVOA_F
ClientSampleId :
TP-8A-S

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.9	65.9
119	32.6	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF060685.D
Acq: 9 Nov 2018 21:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.6	88.8
150	156.5	0.0	315.6

