

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060574.D
 Acq On : 5 Nov 2018 15:55
 Operator : VA/AP
 Sample : J5755-07
 Misc : 6.35/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2A-S

Quant Time: Nov 05 15:46:13 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

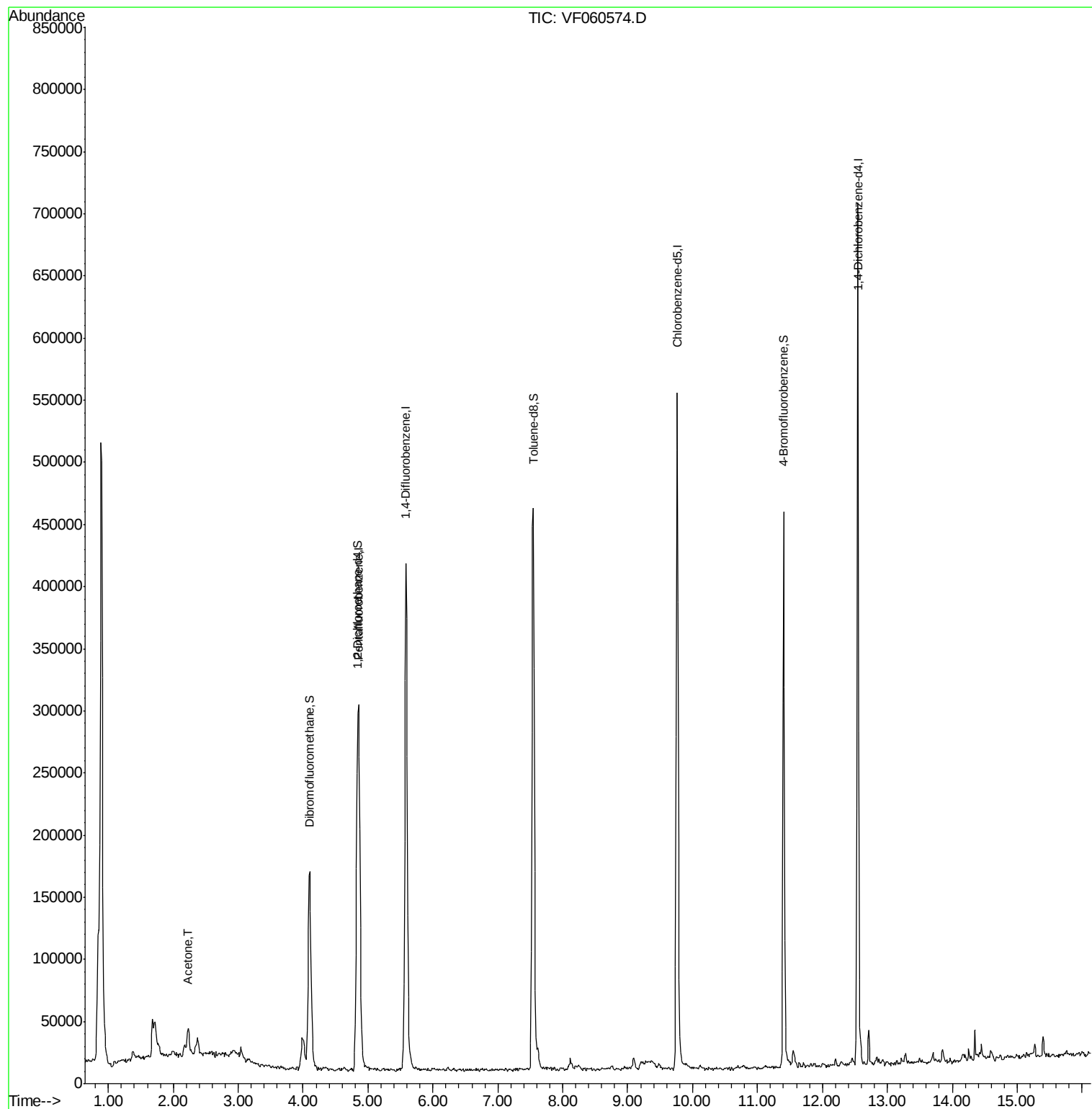
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	235382	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	483073	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.77	117	416026	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	189678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	124406	52.31	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.62%	
35) Dibromofluoromethane	4.10	113	157725	42.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.52%	
50) Toluene-d8	7.55	98	401354	36.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	72.60%	
62) 4-Bromofluorobenzene	11.40	95	177989	36.80	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.60%	
Target Compounds						
16) Acetone	2.23	43	32828	58.579	ug/l	Qvalue 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: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF060574.D

Acq: 5 Nov 2018 15:55

Instrument :

MSVOA_F

ClientSampleId :

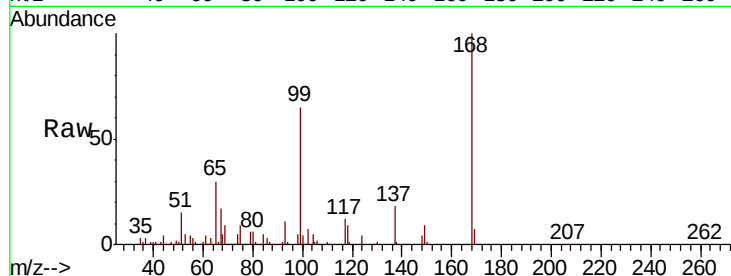
TP-2A-S

Tot Ion:168 Resp: 235382

Ion Ratio Lower Upper

168 100

99 65.3 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

80000

60000

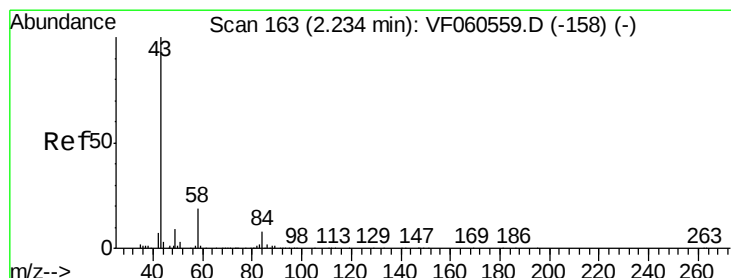
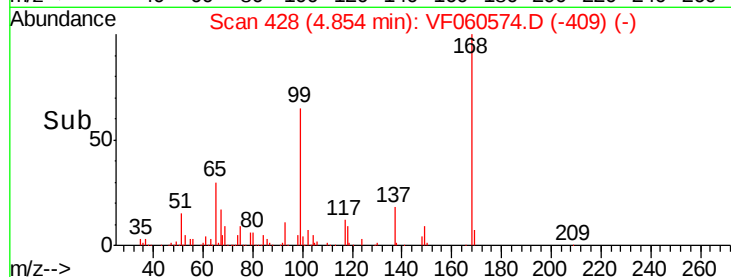
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#16

Acetone

Concen: 58.579 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.00 min

Lab File: VF060574.D

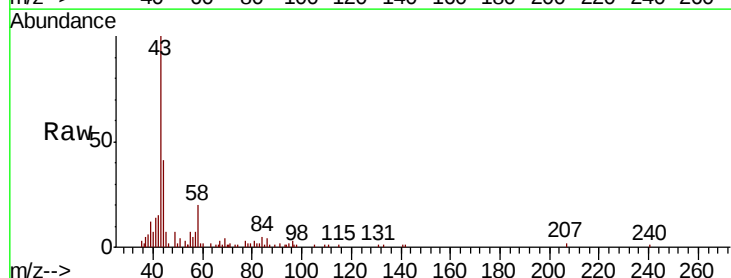
Acq: 5 Nov 2018 15:55

Tgt Ion: 43 Resp: 32828

Ion Ratio Lower Upper

43 100

58 20.4 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

15000

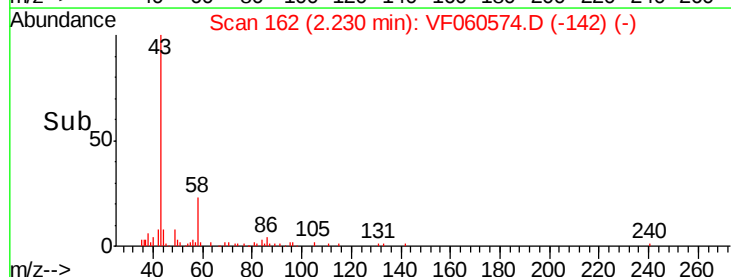
10000

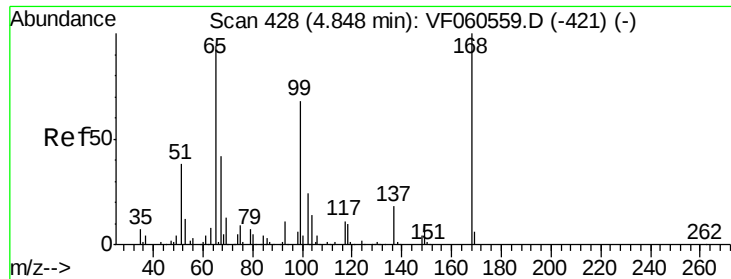
5000

0

2.15 2.20 2.25 2.30

Time-->

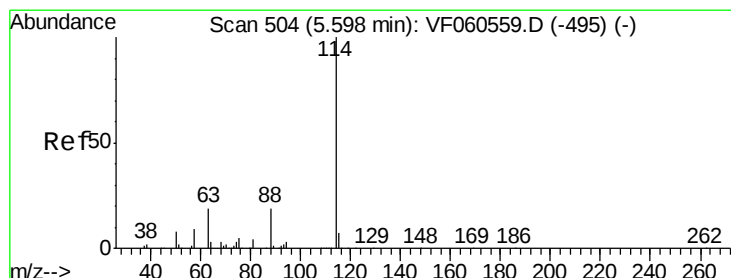
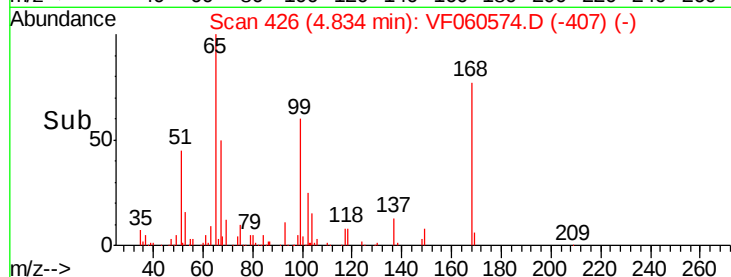
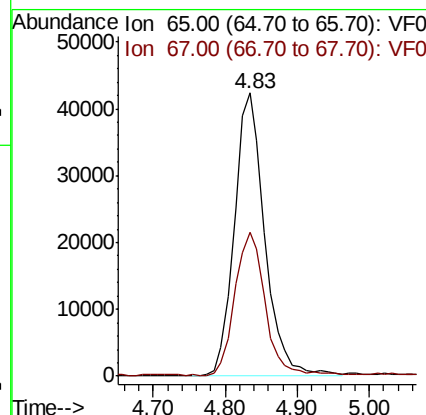
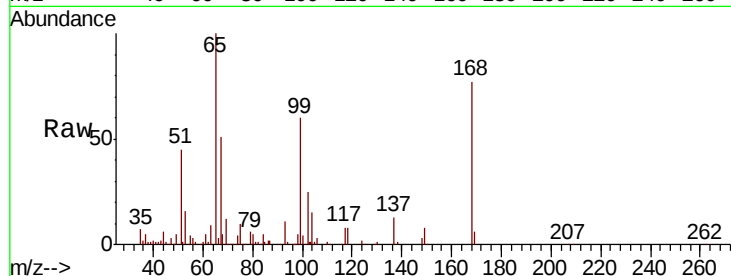




#33
 1,2-Dichloroethane-d4
 Concen: 52.310 ug/l
 RT: 4.83 min Scan# 426
 Delta R.T. -0.01 min
 Lab File: VF060574.D
 Acq: 5 Nov 2018 15:55

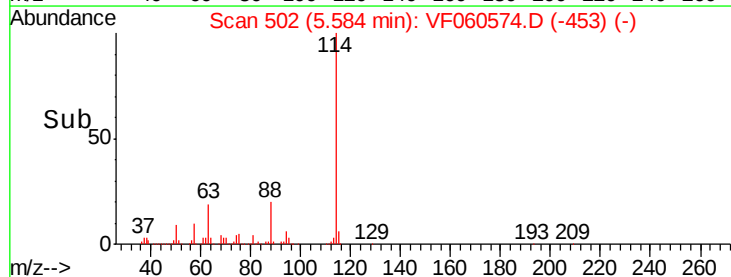
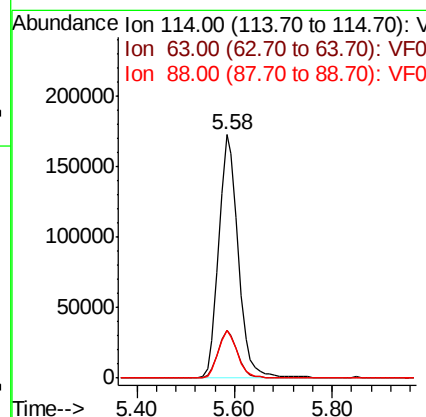
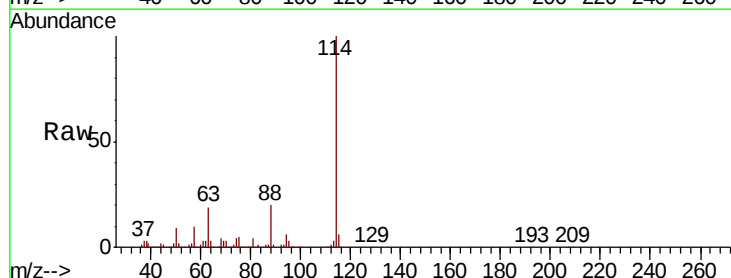
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-2A-S

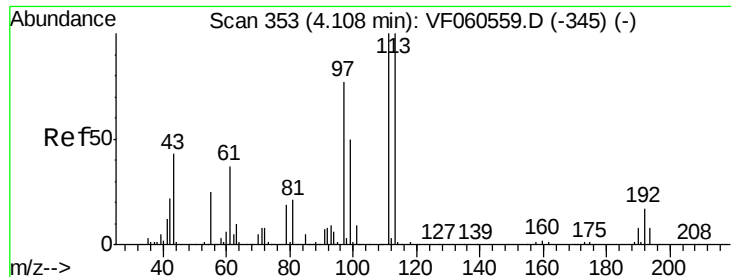
Tot Ion: 65 Resp: 124406
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: VF060574.D
 Acq: 5 Nov 2018 15:55

Tgt Ion: 114 Resp: 483073
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 19.8 0.0 38.2

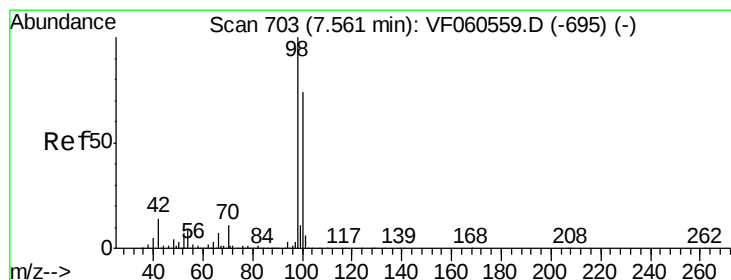
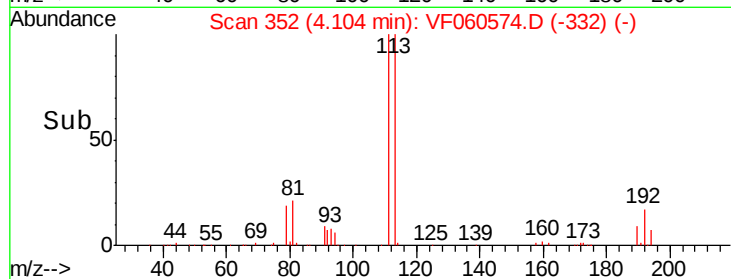
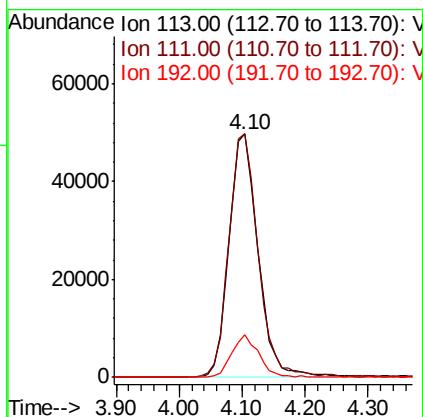
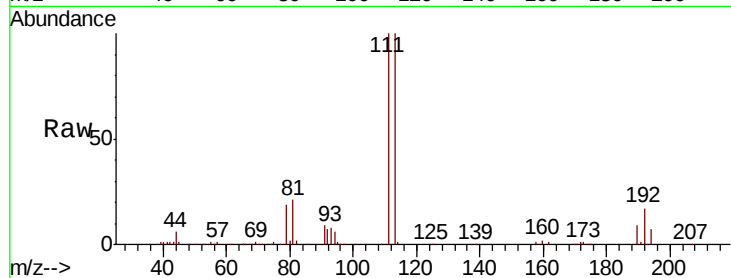




#35
Dibromofluoromethane
Concen: 42.261 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF060574.D
Acq: 5 Nov 2018 15:55

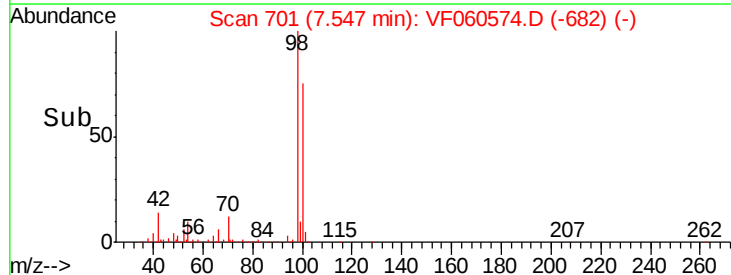
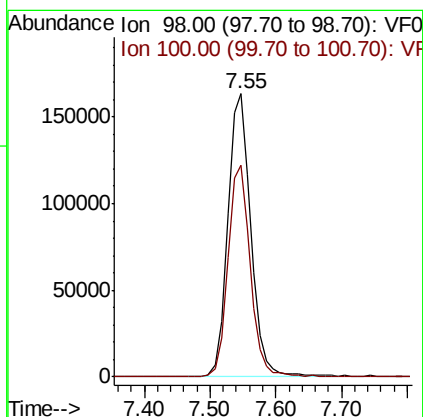
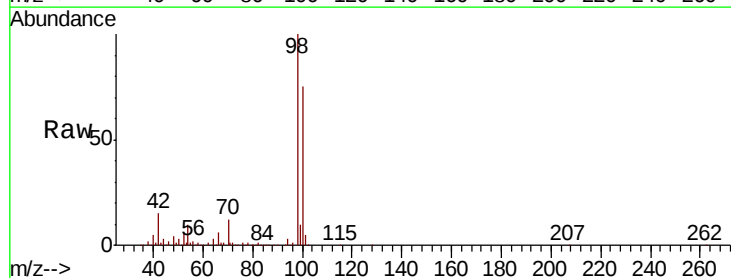
Instrument :
MSVOA_F
ClientSampleId :
TP-2A-S

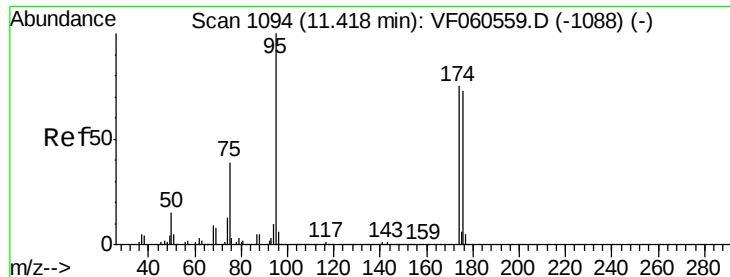
Tot Ion:113 Resp: 157725
Ion Ratio Lower Upper
113 100
111 99.9 79.9 119.9
192 17.4 13.3 19.9



#50
Toluene-d8
Concen: 36.302 ug/l
RT: 7.55 min Scan# 701
Delta R.T. -0.01 min
Lab File: VF060574.D
Acq: 5 Nov 2018 15:55

Tgt Ion: 98 Resp: 401354
Ion Ratio Lower Upper
98 100
100 74.8 59.4 89.2





#62

4-Bromofluorobenzene

Concen: 36.805 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF060574.D

Acq: 5 Nov 2018 15:55

Instrument :

MSVOA_F

ClientSampled :

TP-2A-S

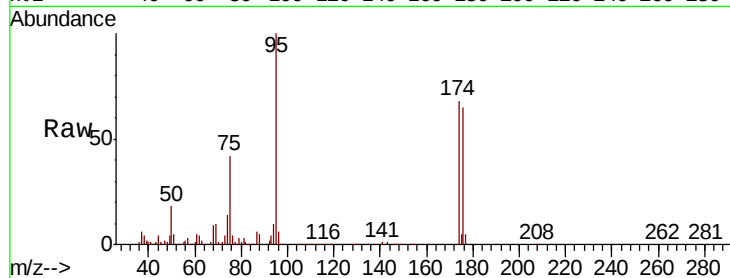
Tot Ion: 95 Resp: 177989

Ion Ratio Lower Upper

95 100

174 68.2 0.0 149.0

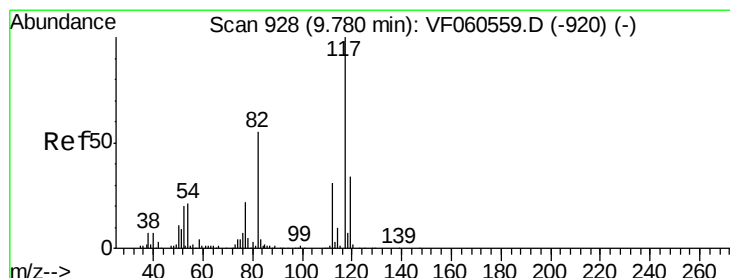
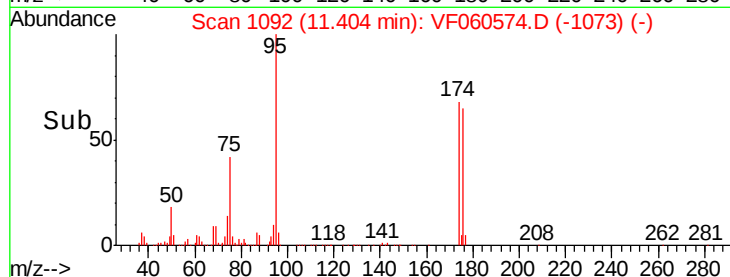
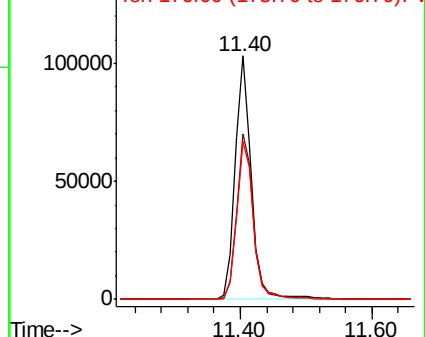
176 64.7 0.0 145.6



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# 926

Delta R.T. -0.01 min

Lab File: VF060574.D

Acq: 5 Nov 2018 15:55

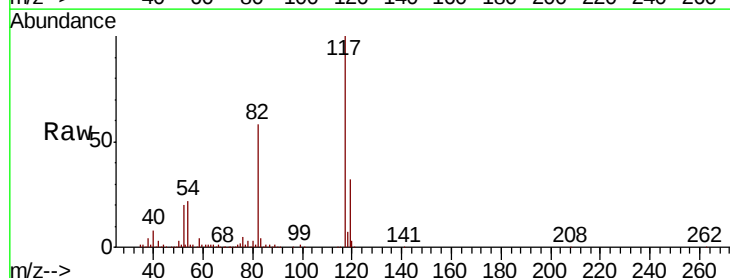
Tgt Ion: 117 Resp: 416026

Ion Ratio Lower Upper

117 100

82 57.6 43.9 65.9

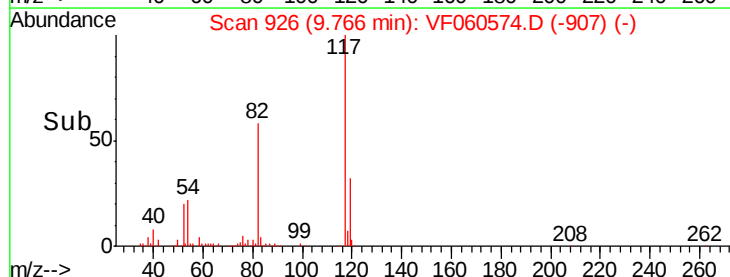
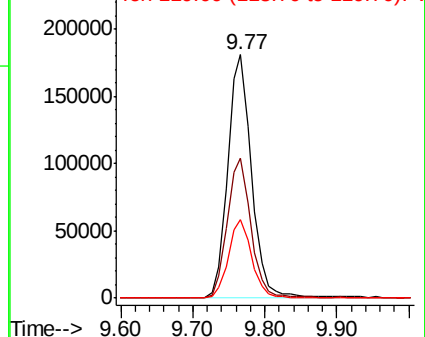
119 32.1 27.4 41.0

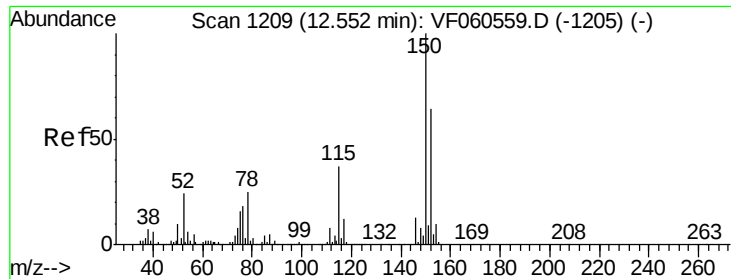


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.55 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF060574.D

Acq: 5 Nov 2018 15:55

Instrument :

MSVOA_F

ClientSampleId :

TP-2A-S

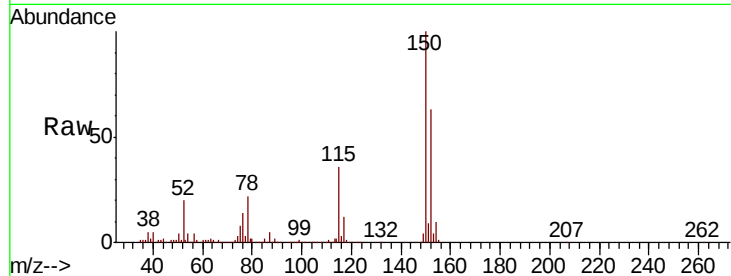
Tot Ion:152 Resp: 189678

Ion Ratio Lower Upper

152 100

115 57.9 29.6 88.8

150 159.2 0.0 315.6



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

