

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060605.D
 Acq On : 6 Nov 2018 10:03
 Operator : VA/AP
 Sample : J5816-03
 Misc : 5.45/5mL/MSVOA-F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-9-S

Quant Time: Nov 06 10:37:40 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

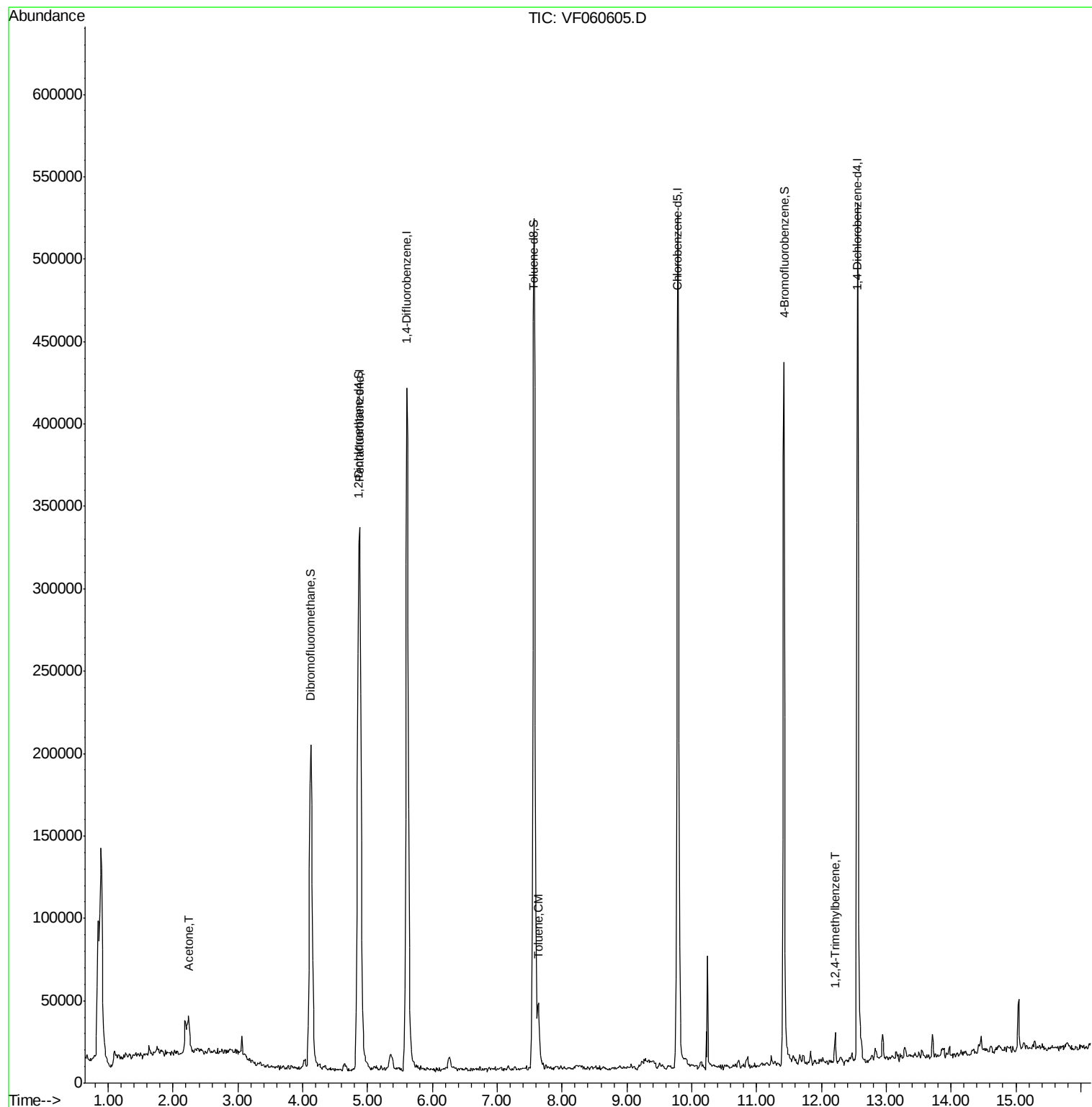
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	263409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	488488	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	377347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	127181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	150001	56.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	4.13	113	184677	48.93	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.86%	
50) Toluene-d8	7.57	98	450287	40.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.56%	
62) 4-Bromofluorobenzene	11.42	95	171188	35.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.02%	
Target Compounds						
16) Acetone	2.24	43	20323	32.406	ug/l #	90
52) Toluene	7.64	92	19944	2.345	ug/l	98
84) 1,2,4-Trimethylbenzene	12.21	105	8885	1.110	ug/l	95

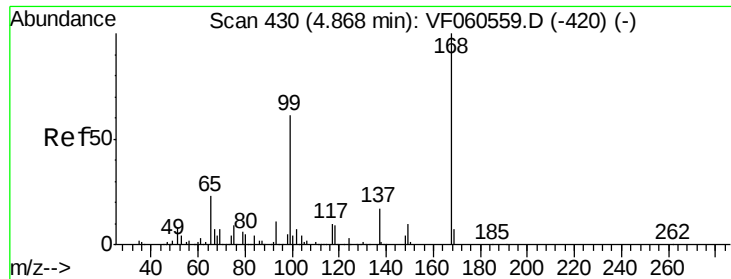
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.02 min

Lab File: VF060605.D

Acq: 6 Nov 2018 10:03

Instrument :

MSVOA_F

ClientSampleId :

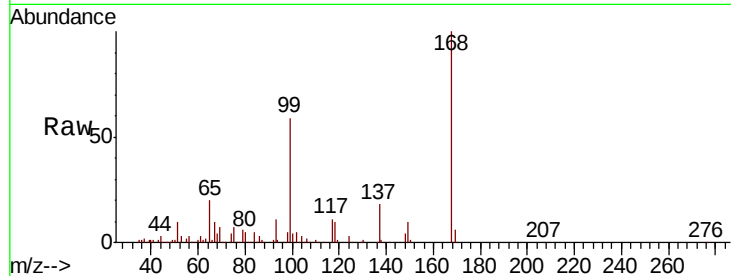
TP-9-S

Tot Ion:168 Resp: 263409

Ion Ratio Lower Upper

168 100

99 59.4 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

80000

60000

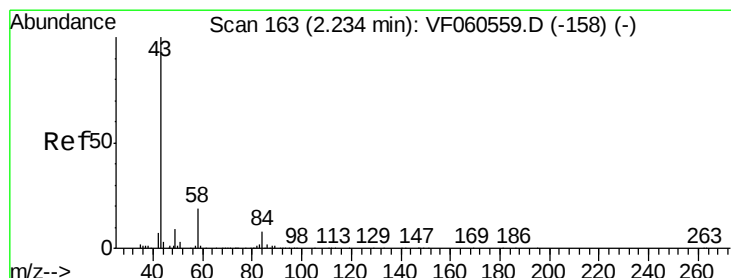
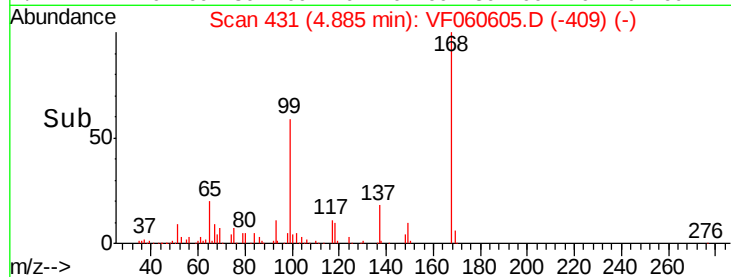
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 32.406 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF060605.D

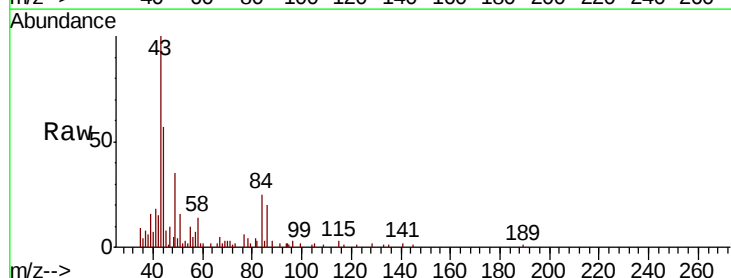
Acq: 6 Nov 2018 10:03

Tgt Ion: 43 Resp: 20323

Ion Ratio Lower Upper

43 100

58 13.8 14.6 22.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

10000

8000

6000

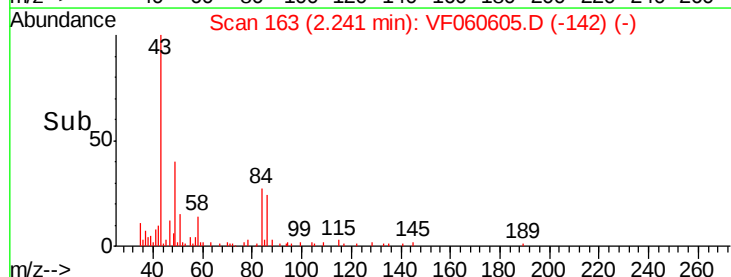
4000

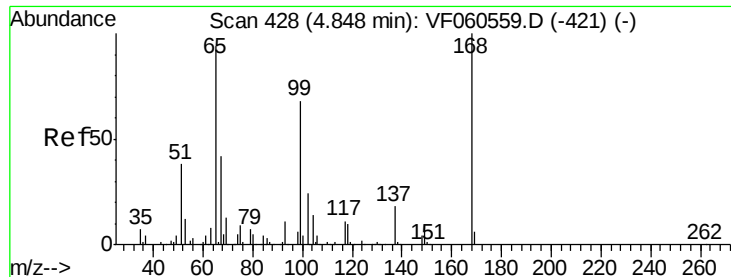
2000

0

Time-->

2.20 2.30





#33

1,2-Dichloroethane-d4

Concen: 56.362 ug/l

RT: 4.86 min Scan# 428

Delta R.T. 0.01 min

Lab File: VF060605.D

Acq: 6 Nov 2018 10:03

Instrument :

MSVOA_F

ClientSampleId :

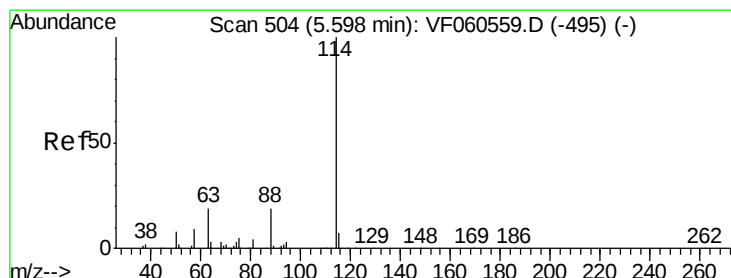
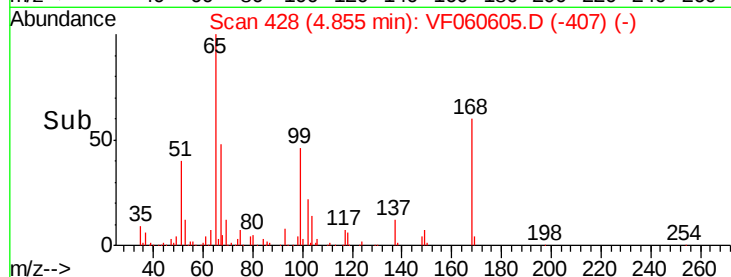
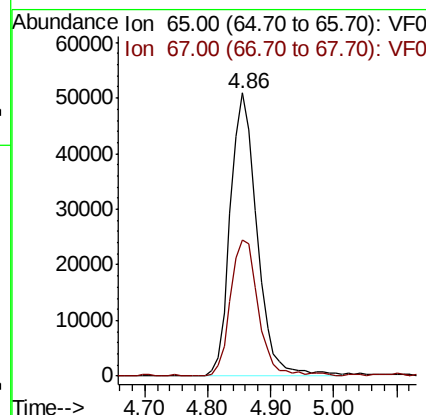
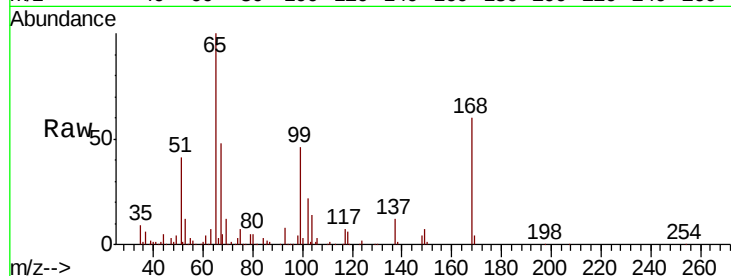
TP-9-S

Tot Ion: 65 Resp: 150001

Ion Ratio Lower Upper

65 100

67 48.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.01 min

Lab File: VF060605.D

Acq: 6 Nov 2018 10:03

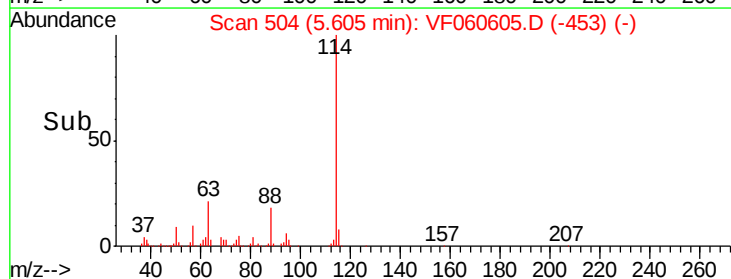
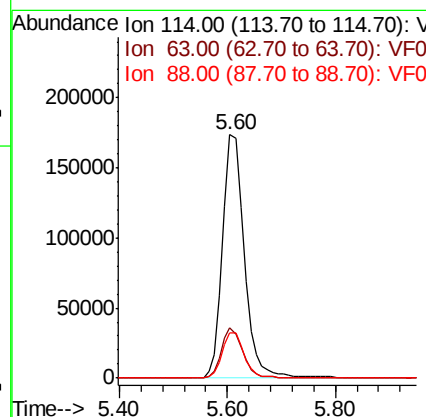
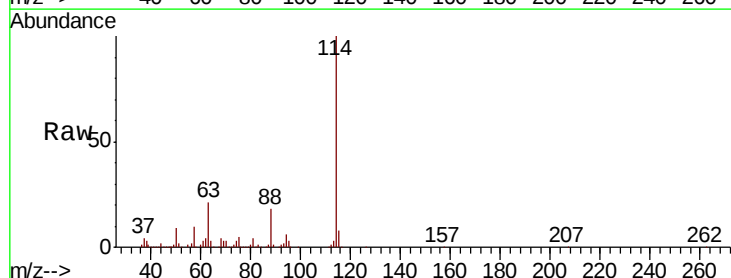
Tgt Ion: 114 Resp: 488488

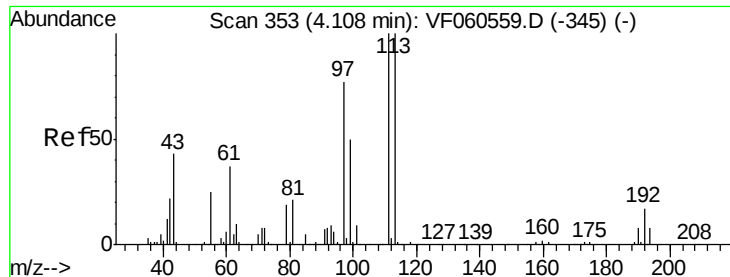
Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.0

88 18.5 0.0 38.2





#35

Dibromofluoromethane

Concen: 48.933 ug/l

RT: 4.13 min Scan# 354

Delta R.T. 0.02 min

Lab File: VF060605.D

Acq: 6 Nov 2018 10:03

Instrument :
MSVOA_F
ClientSampleId :
TP-9-S

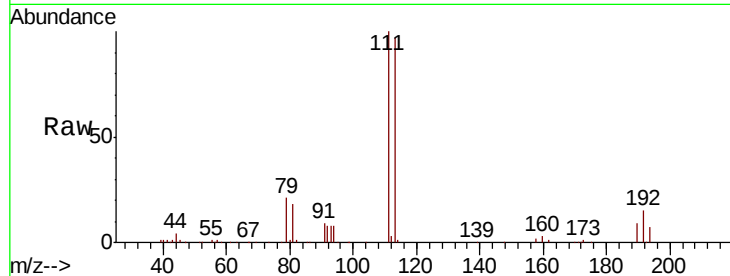
Tot Ion:113 Resp: 184677

Ion Ratio Lower Upper

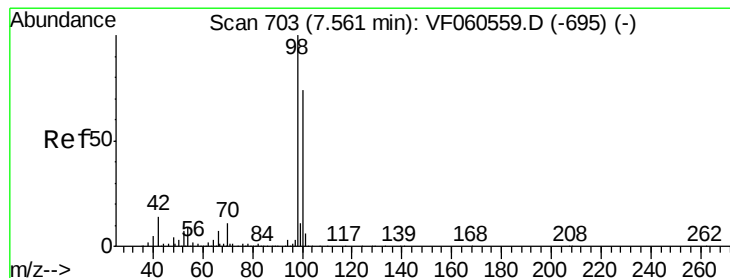
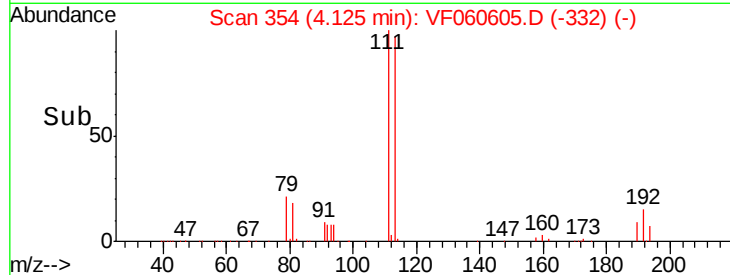
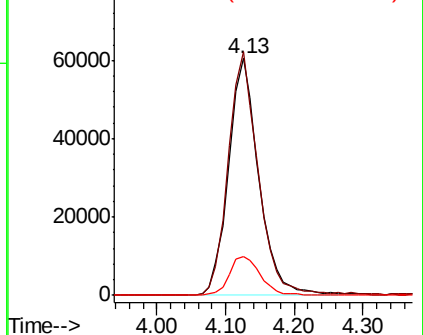
113 100

111 102.7 79.9 119.9

192 16.3 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: 40.277 ug/l

RT: 7.57 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF060605.D

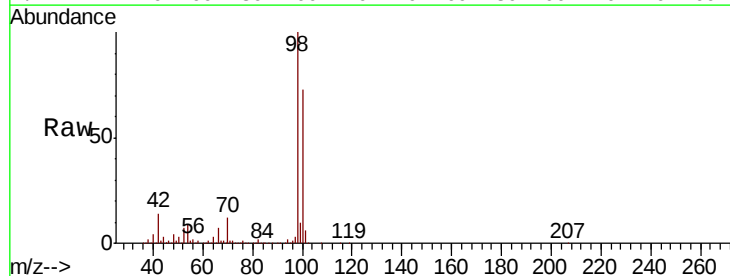
Acq: 6 Nov 2018 10:03

Tgt Ion: 98 Resp: 450287

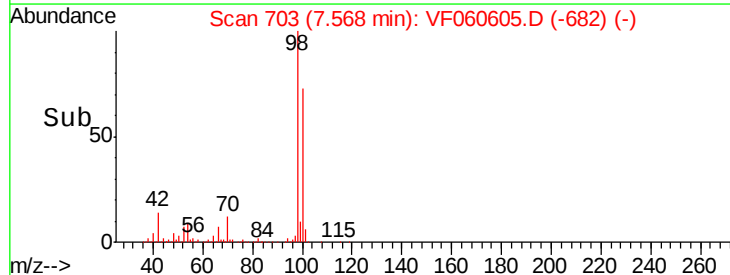
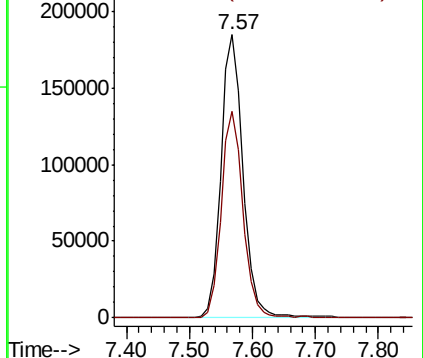
Ion Ratio Lower Upper

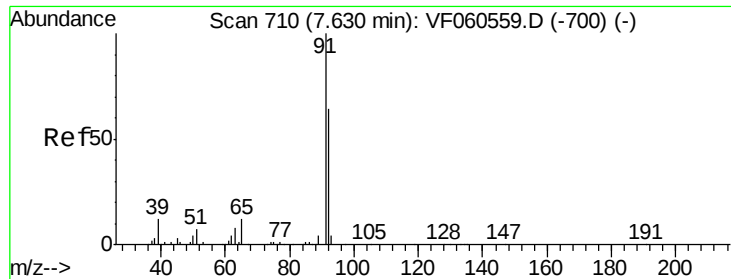
98 100

100 73.1 59.4 89.2



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





#52

Toluene

Concen: 2.345 ug/l

RT: 7.64 min Scan# 710

Delta R.T. 0.01 min

Lab File: VF060605.D

Acq: 6 Nov 2018 10:03

Instrument :

MSVOA_F

ClientSampleId :

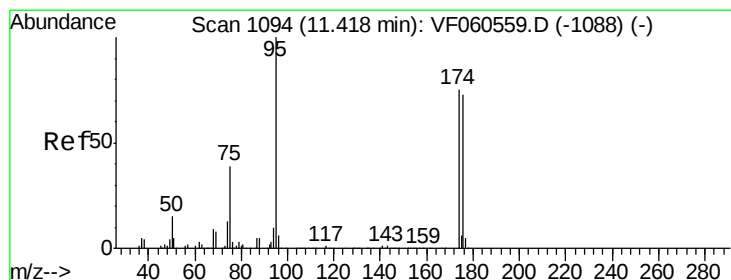
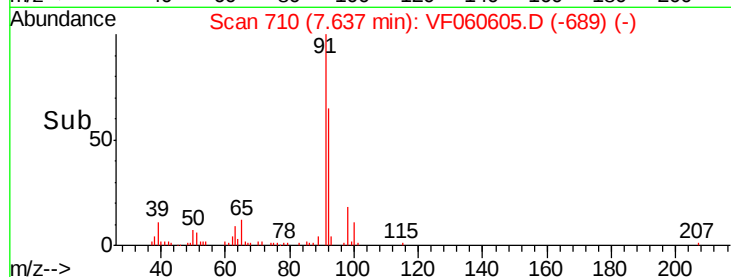
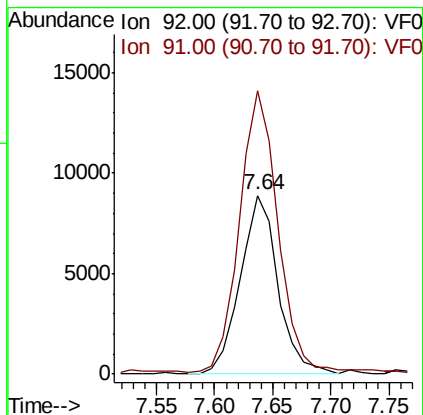
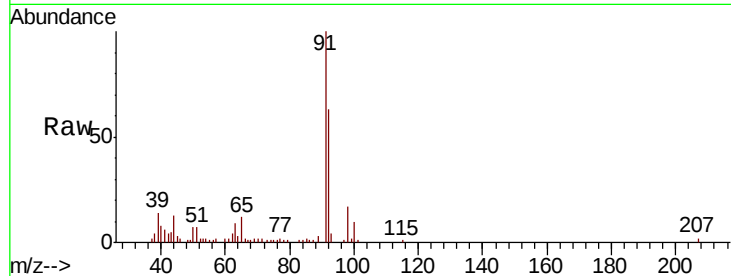
TP-9-S

Tot Ion: 92 Resp: 19944

Ion Ratio Lower Upper

92 100

91 158.6 124.5 186.7



#62

4-Bromofluorobenzene

Concen: 35.006 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF060605.D

Acq: 6 Nov 2018 10:03

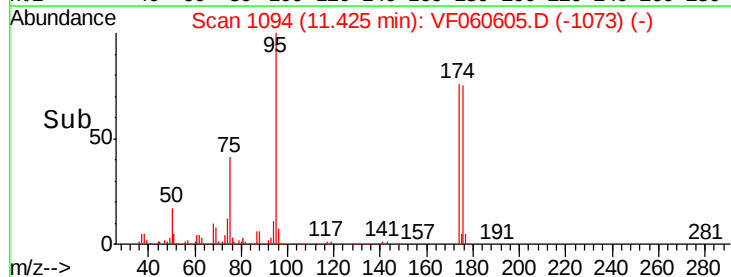
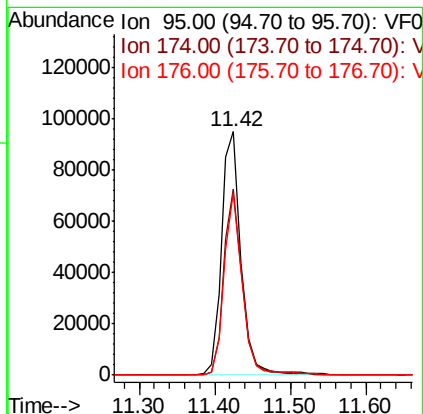
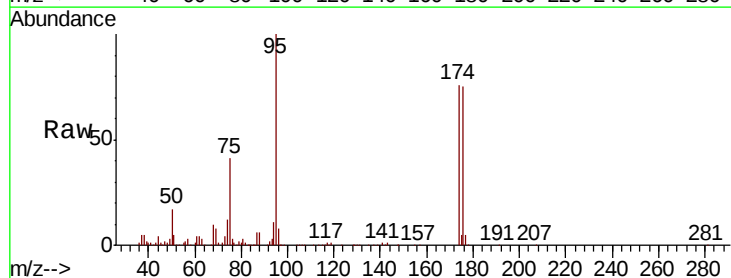
Tgt Ion: 95 Resp: 171188

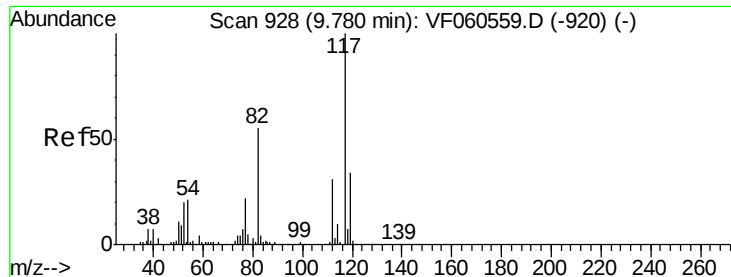
Ion Ratio Lower Upper

95 100

174 76.4 0.0 149.0

176 74.9 0.0 145.6

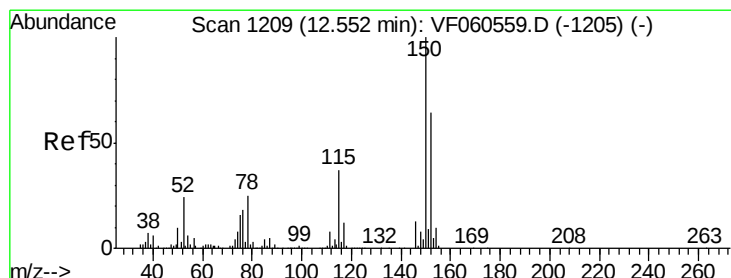
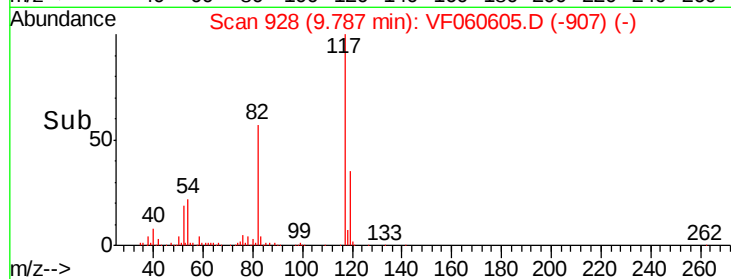
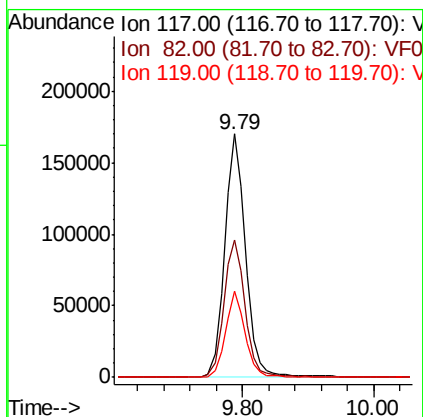
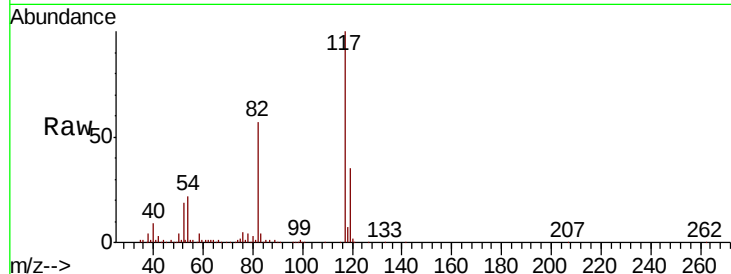




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF060605.D
Acq: 6 Nov 2018 10:03

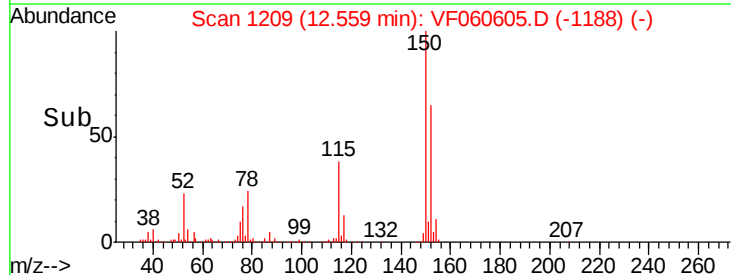
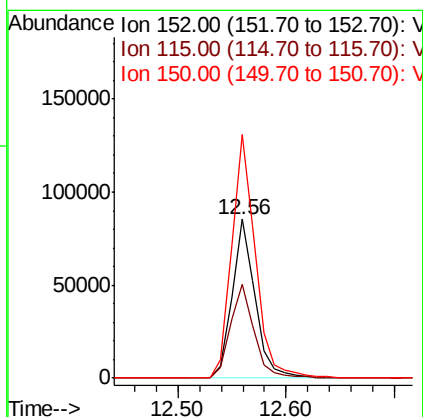
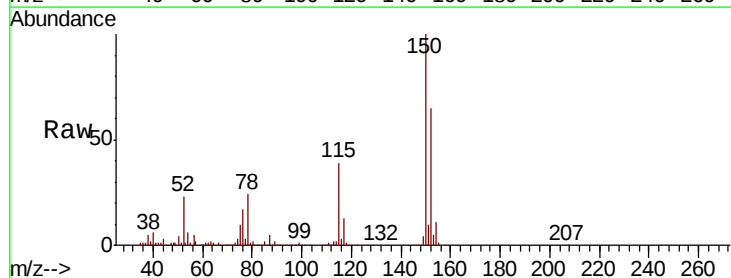
Instrument :
MSVOA_F
ClientSampleId :
TP-9-S

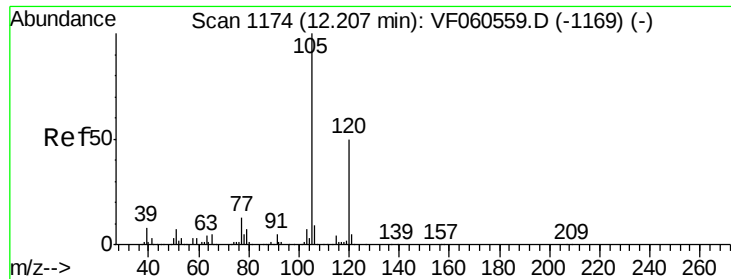
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	43.9	65.9
119	35.3	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1209
Delta R.T. 0.01 min
Lab File: VF060605.D
Acq: 6 Nov 2018 10:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.6	88.8
150	153.5	0.0	315.6





#84

1,2,4-Trimethylbenzene

Concen: 1.110 ug/l

RT: 12.21 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VF060605.D

Acq: 6 Nov 2018 10:03

Instrument :

MSVOA_F

ClientSampleId :

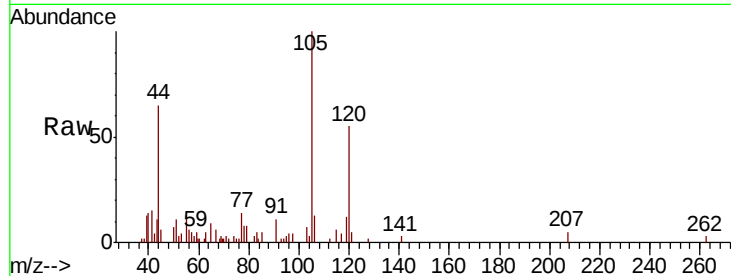
TP-9-S

Tot Ion:105 Resp: 8885

Ion Ratio Lower Upper

105 100

120 54.5 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

