

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110518\
 Data File : VF060581.D
 Acq On : 5 Nov 2018 19:43
 Operator : VA/AP
 Sample : J5741-19
 Misc : 6.72/5mL/MSVOA-F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-5

Quant Time: Nov 06 07:07:20 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

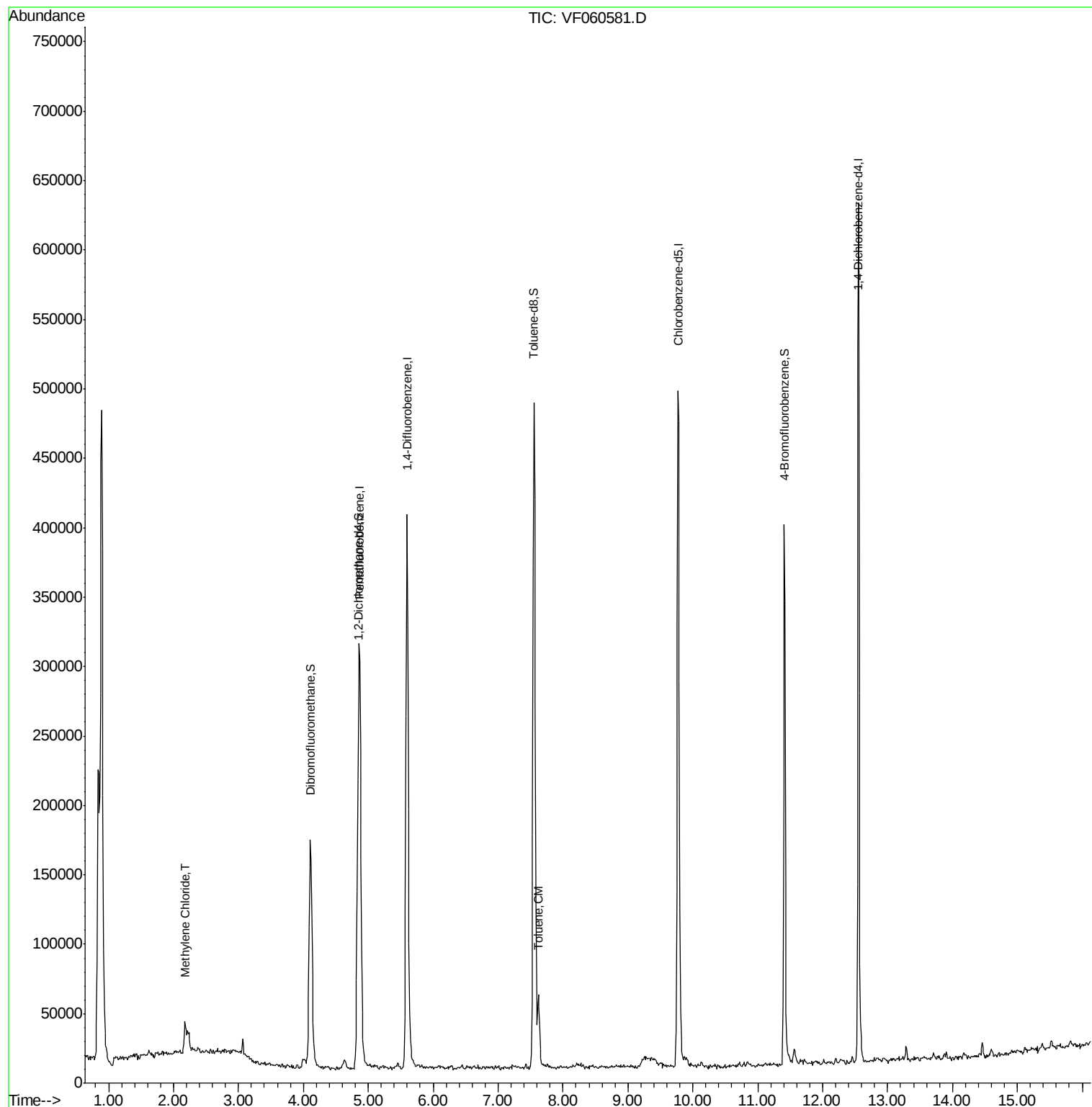
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	249271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	482739	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	377127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	161546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	118631	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
35) Dibromofluoromethane	4.11	113	162390	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.08%	
50) Toluene-d8	7.55	98	414022	37.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.94%	
62) 4-Bromofluorobenzene	11.41	95	162576	33.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.28%	
Target Compounds						
20) Methylene Chloride	2.18	84	18205	5.480	ug/l	95
52) Toluene	7.62	92	27318	3.250	ug/l	88

(#) = 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: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF060581.D

Acq: 5 Nov 2018 19:43

Instrument :

MSVOA_F

ClientSampleId :

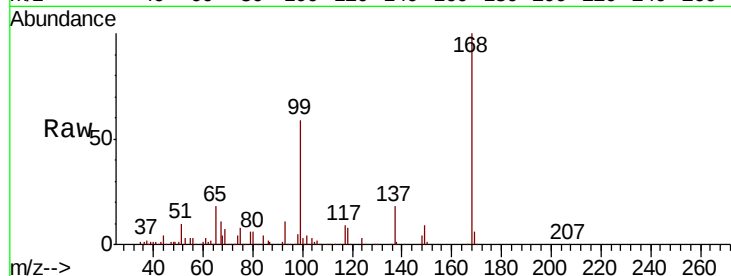
TP-5

Tot Ion:168 Resp: 249271

Ion Ratio Lower Upper

168 100

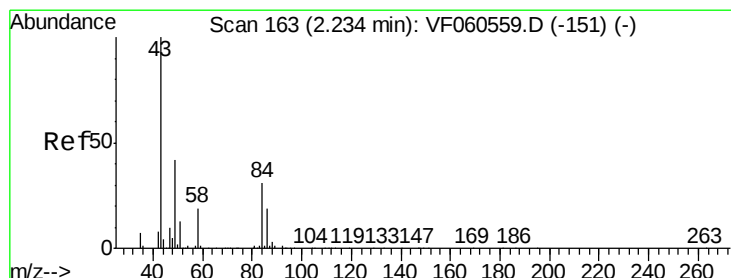
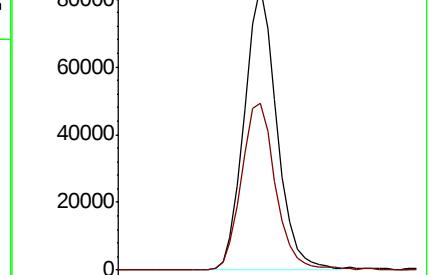
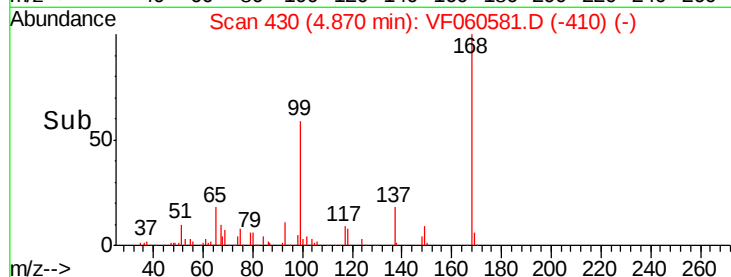
99 59.1 48.6 72.8



Abundance Ion 168.00 (167.70 to 168.70): VF060559.D (-420) (-)

Ion 99.00 (98.70 to 99.70): VF060559.D (-420) (-)

Time-->



#20

Methylene Chloride

Concen: 5.480 ug/l

RT: 2.18 min Scan# 157

Delta R.T. -0.06 min

Lab File: VF060581.D

Acq: 5 Nov 2018 19:43

Tgt Ion: 84 Resp: 18205

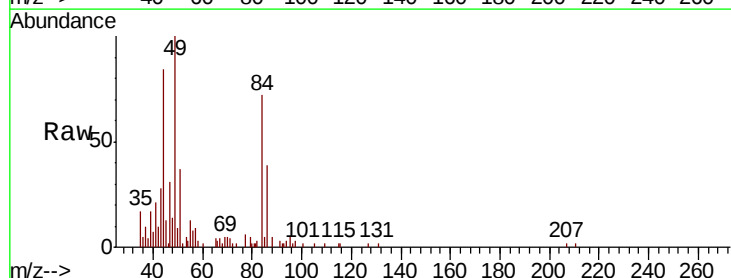
Ion Ratio Lower Upper

84 100

49 139.3 109.9 164.9

51 52.0 35.8 53.8

86 53.7 48.3 72.5



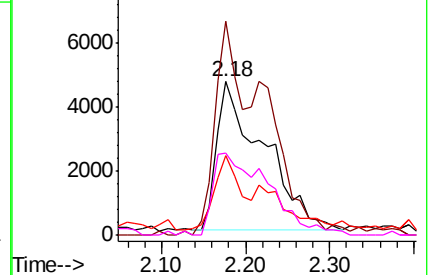
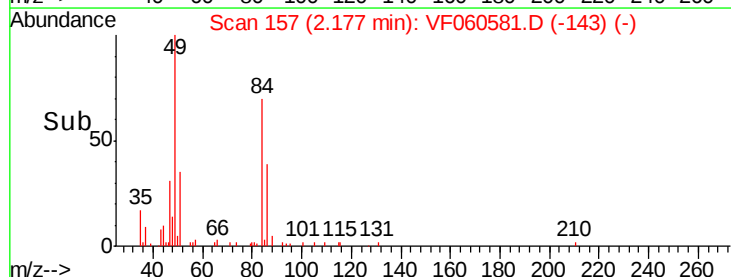
Abundance Ion 84.00 (83.70 to 84.70): VF060559.D (-151) (-)

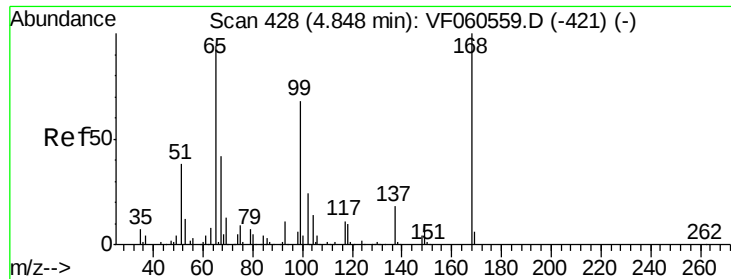
Ion 49.00 (48.70 to 49.70): VF060559.D (-151) (-)

Ion 51.00 (50.70 to 51.70): VF060559.D (-151) (-)

Ion 86.00 (85.70 to 86.70): VF060559.D (-151) (-)

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.103 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.01 min

Lab File: VF060581.D

Acq: 5 Nov 2018 19:43

Instrument :

MSVOA_F

ClientSampled :

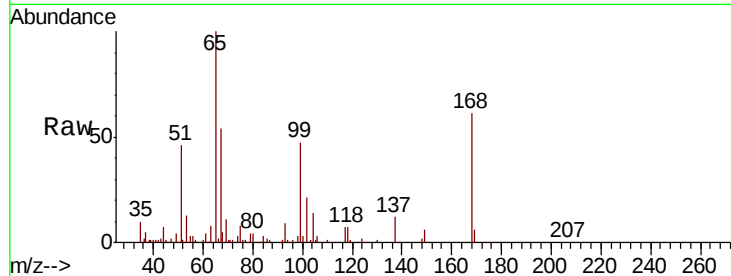
TP-5

Tot Ion: 65 Resp: 118631

Ion Ratio Lower Upper

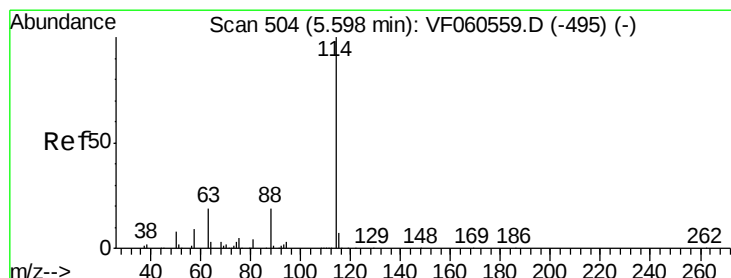
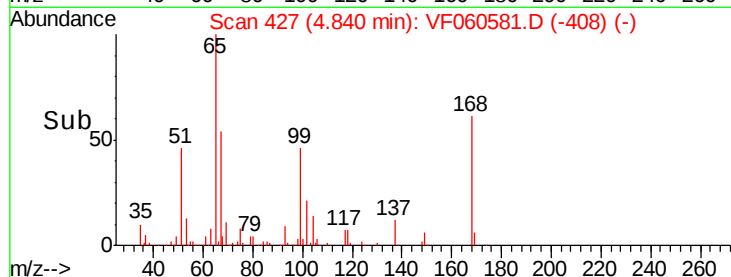
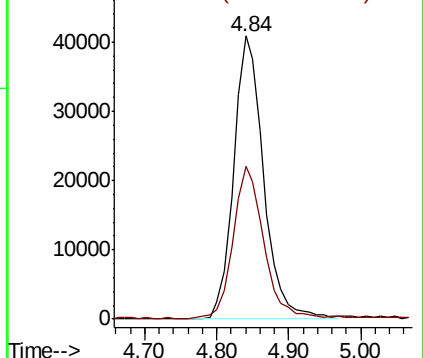
65 100

67 54.0 0.0 101.8



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: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF060581.D

Acq: 5 Nov 2018 19:43

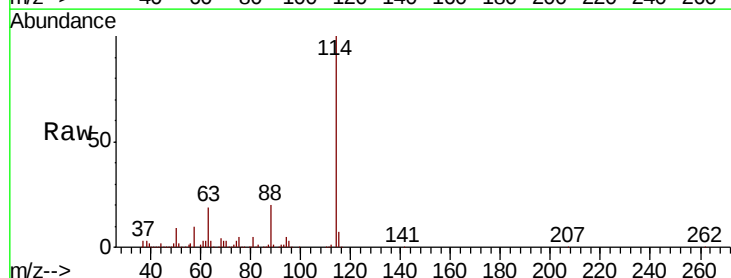
Tgt Ion: 114 Resp: 482739

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.0

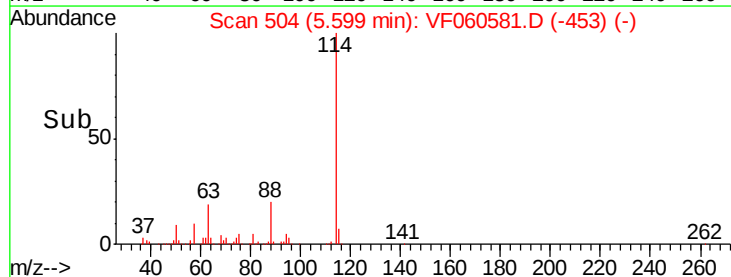
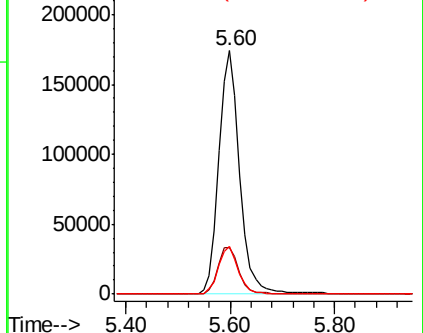
88 19.7 0.0 38.2

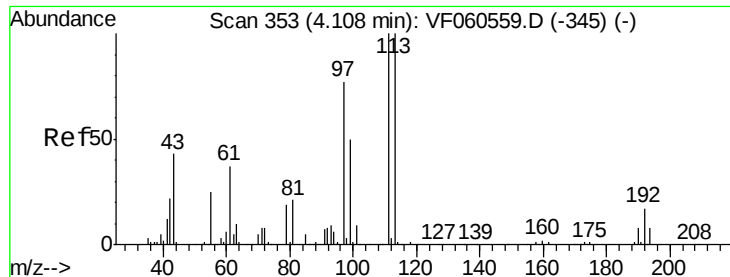


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

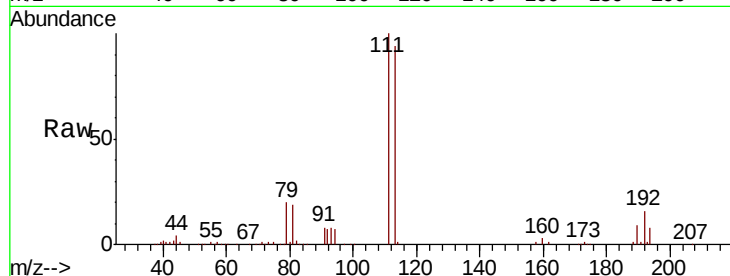




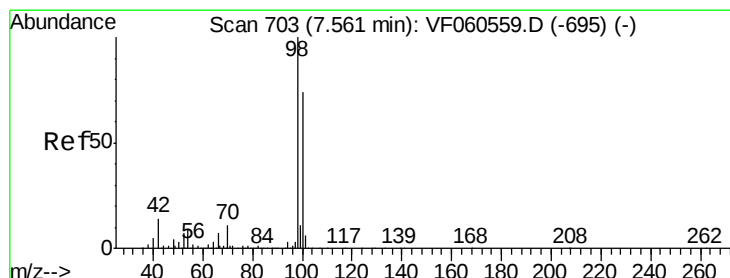
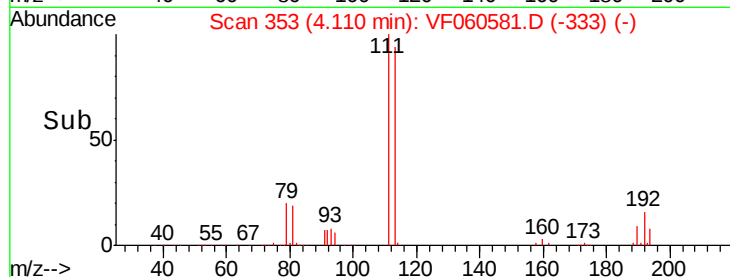
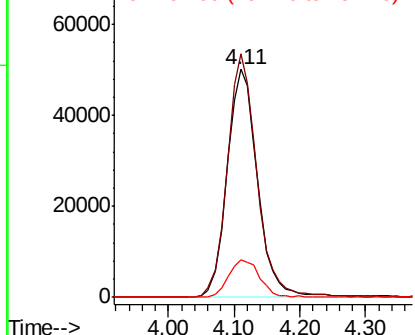
#35
Dibromofluoromethane
Concen: 43.541 ug/l
RT: 4.11 min Scan# 353
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :
TP-5

Tot Ion:113 Resp: 162390
Ion Ratio Lower Upper
113 100
111 106.9 79.9 119.9
192 16.6 13.3 19.9

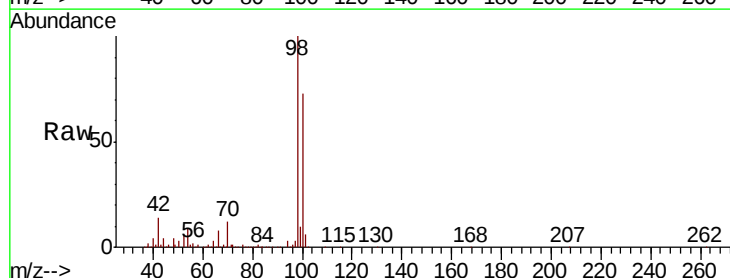


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

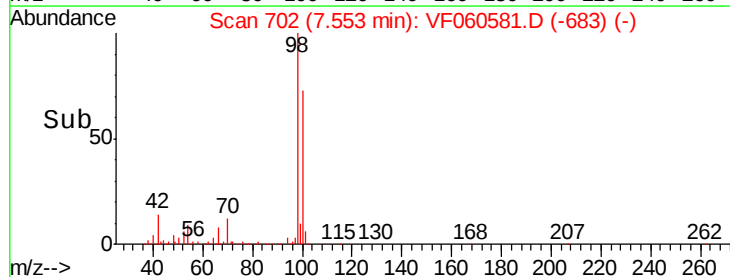
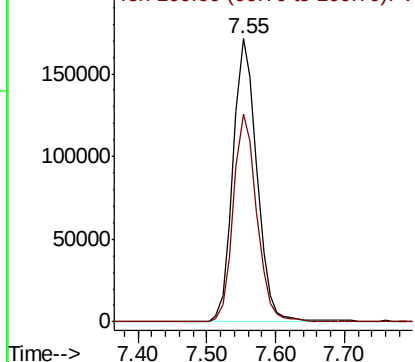


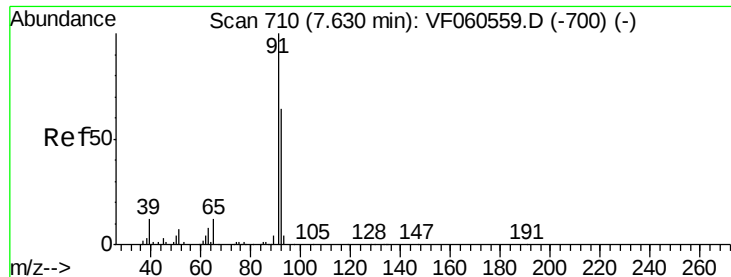
#50
Toluene-d8
Concen: 37.474 ug/l
RT: 7.55 min Scan# 702
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion: 98 Resp: 414022
Ion Ratio Lower Upper
98 100
100 73.4 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: 3.250 ug/l

RT: 7.62 min Scan# 709

Delta R.T. -0.01 min

Lab File: VF060581.D

Acq: 5 Nov 2018 19:43

Instrument :

MSVOA_F

ClientSampleId :

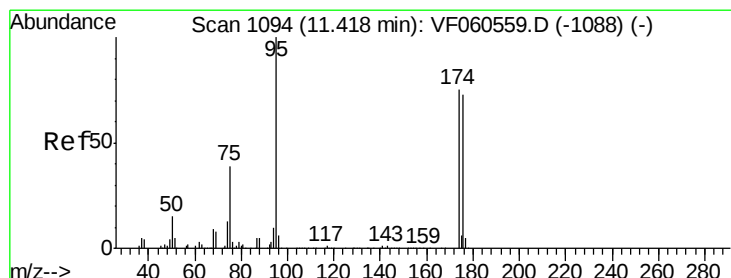
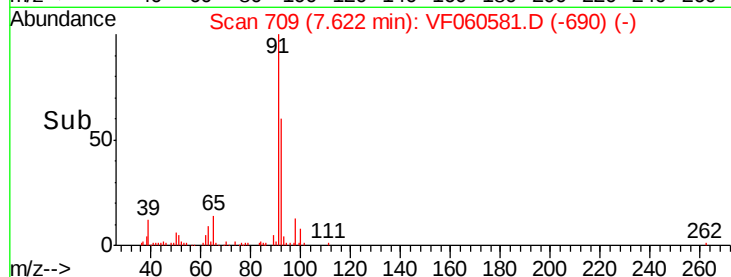
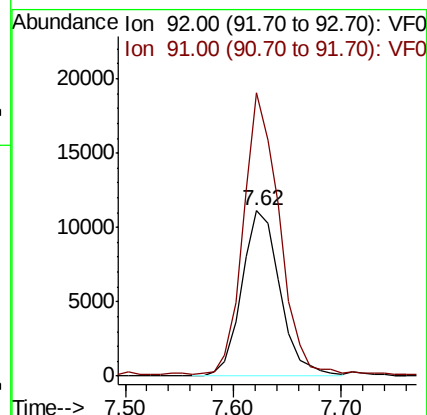
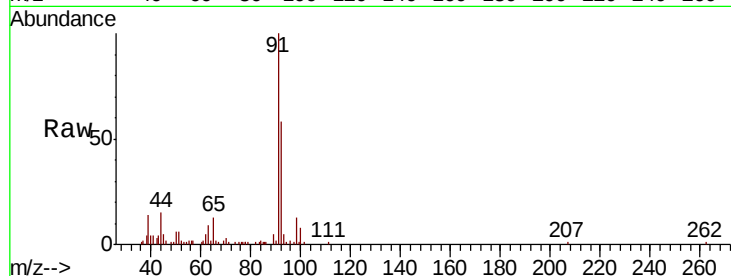
TP-5

Tot Ion: 92 Resp: 27318

Ion Ratio Lower Upper

92 100

91 171.5 124.5 186.7



#62

4-Bromofluorobenzene

Concen: 33.641 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF060581.D

Acq: 5 Nov 2018 19:43

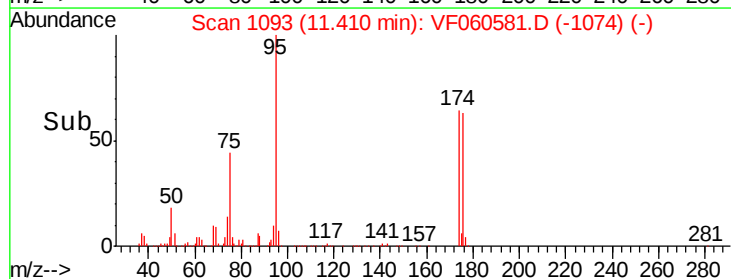
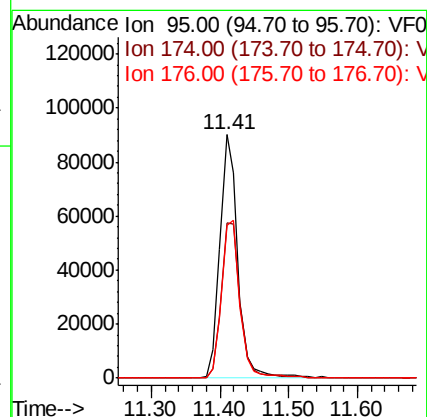
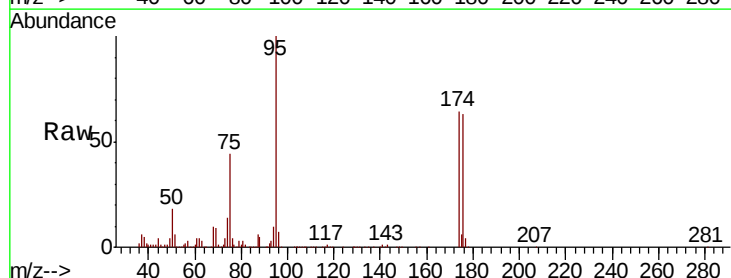
Tgt Ion: 95 Resp: 162576

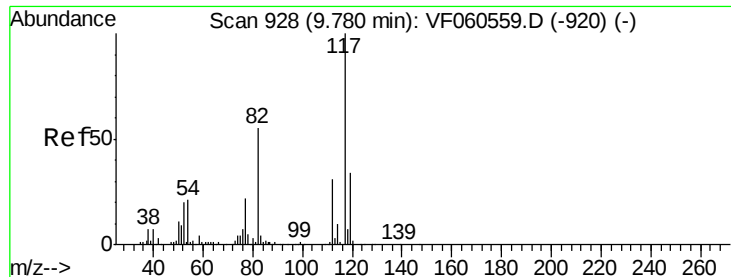
Ion Ratio Lower Upper

95 100

174 63.8 0.0 149.0

176 62.6 0.0 145.6

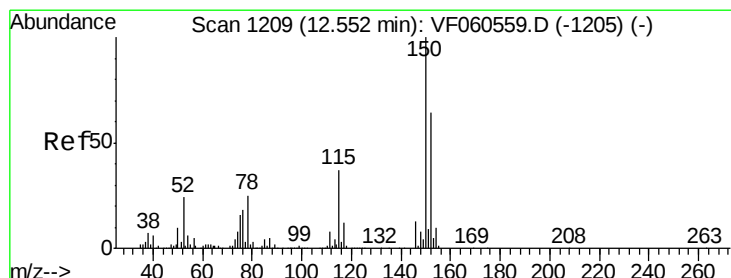
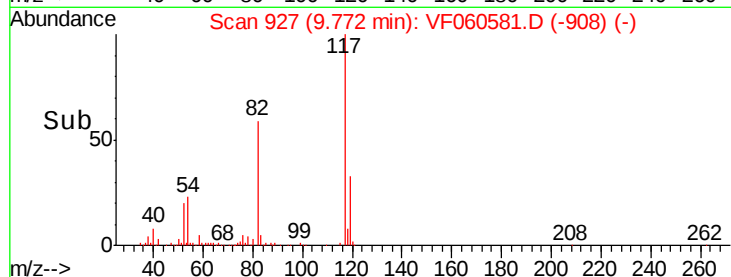
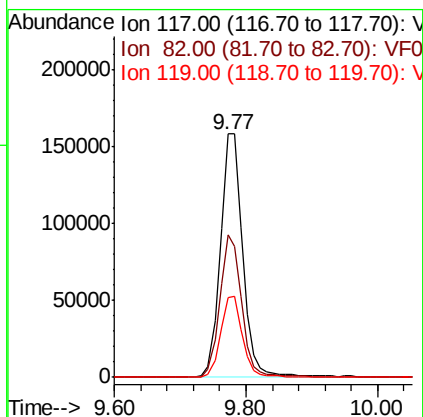
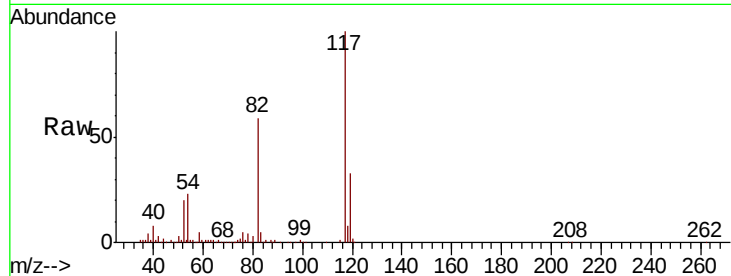




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Instrument :
MSVOA_F
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	43.9	65.9
119	32.8	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF060581.D
Acq: 5 Nov 2018 19:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.8	29.6	88.8
150	147.4	0.0	315.6

