

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF062018\
 Data File : VF059234.D
 Acq On : 20 Jun 2018 19:08
 Operator : VA/AP
 Sample : J3575-02RE
 Misc : 8.90g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-9RE

Quant Time: Jun 21 07:14:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

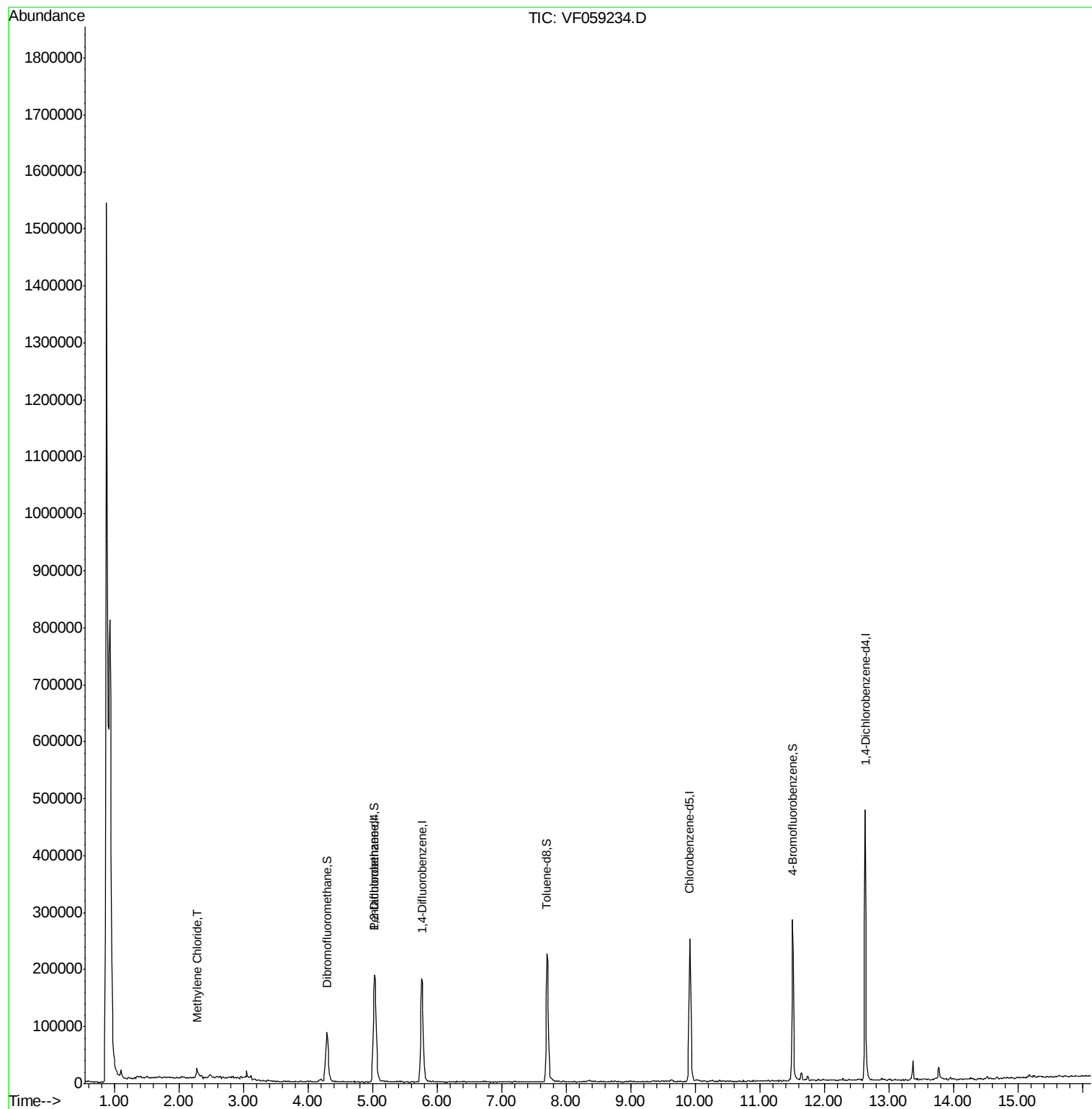
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	130170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	199754	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	183148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	116845	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	83048	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
35) Dibromofluoromethane	4.29	113	77301	55.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.30%	
50) Toluene-d8	7.70	98	190341	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
62) 4-Bromofluorobenzene	11.51	95	100908	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
Target Compounds						
20) Methylene Chloride	2.28	84	7380	8.18	ug/l	Qvalue 98

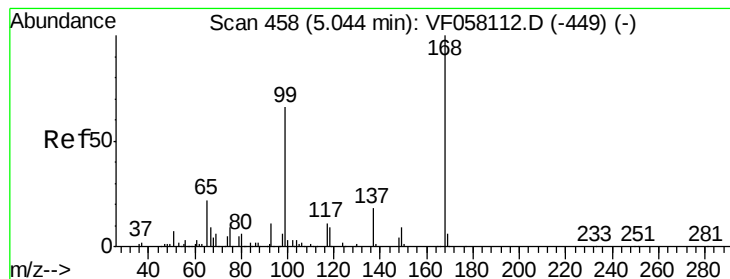
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.00 min

Lab File: VF059234.D

Acq: 20 Jun 2018 19:08

Instrument :

MSVOA_F

ClientSampleId :

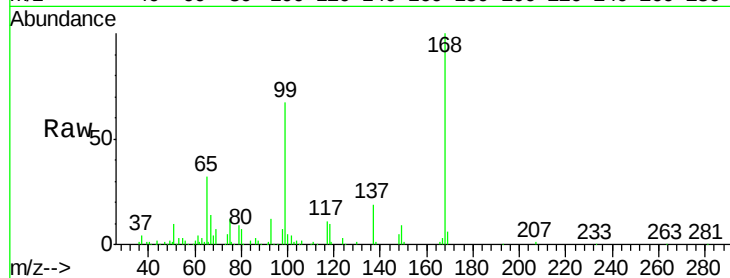
TP-9RE

Tot Ion:168 Resp: 130170

Ion Ratio Lower Upper

168 100

99 66.8 52.9 79.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

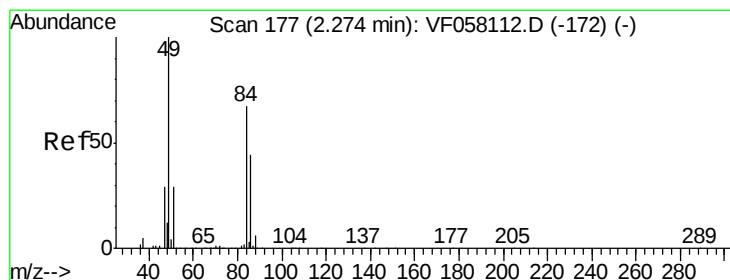
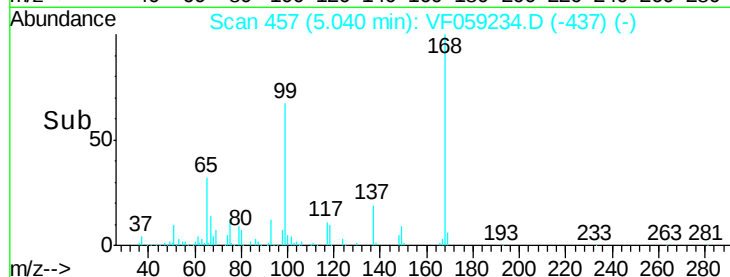
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 8.18 ug/l

RT: 2.28 min Scan# 177

Delta R.T. 0.01 min

Lab File: VF059234.D

Acq: 20 Jun 2018 19:08

Tgt Ion: 84 Resp: 7380

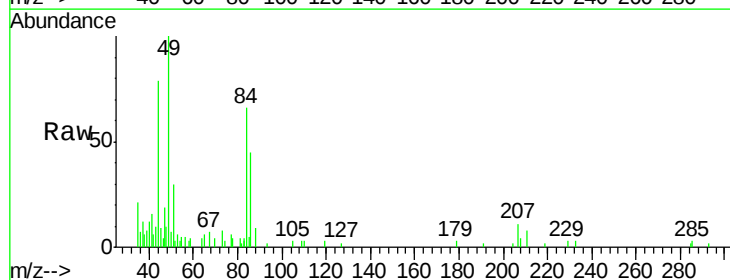
Ion Ratio Lower Upper

84 100

49 152.0 121.0 181.4

51 49.4 35.8 53.6

86 68.1 53.2 79.8



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

6000

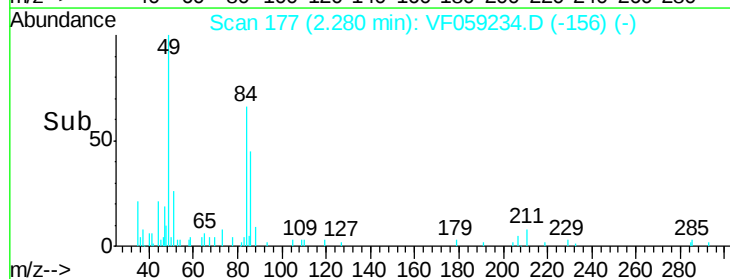
4000

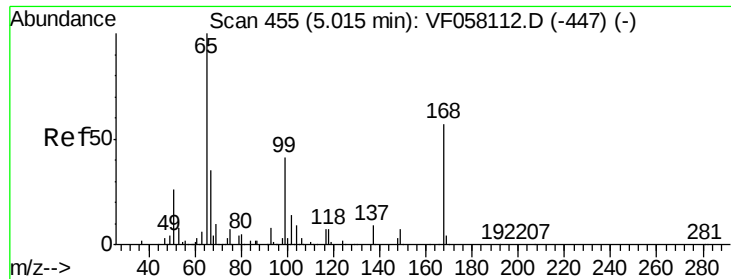
2000

0

2.20 2.25 2.30 2.35 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.61 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059234.D

Acq: 20 Jun 2018 19:08

Instrument :

MSVOA_F

ClientSampleId :

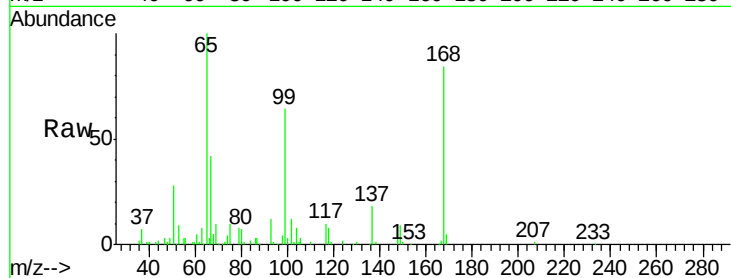
TP-9RE

Tot Ion: 65 Resp: 83048

Ion Ratio Lower Upper

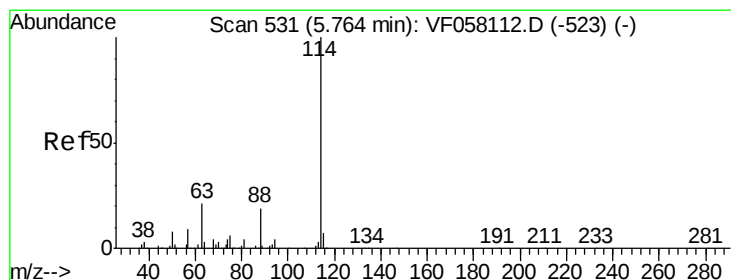
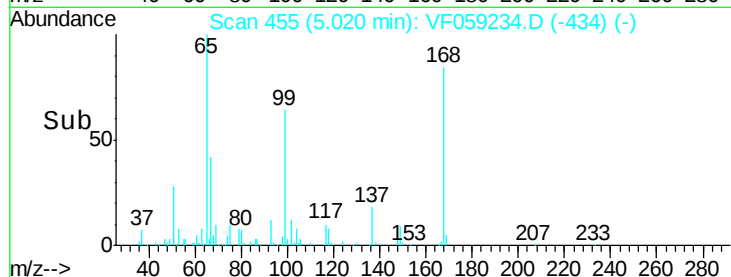
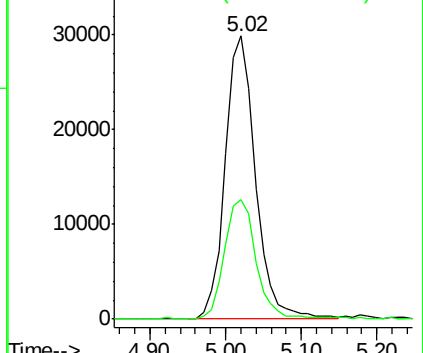
65 100

67 42.4 0.0 97.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. -0.00 min

Lab File: VF059234.D

Acq: 20 Jun 2018 19:08

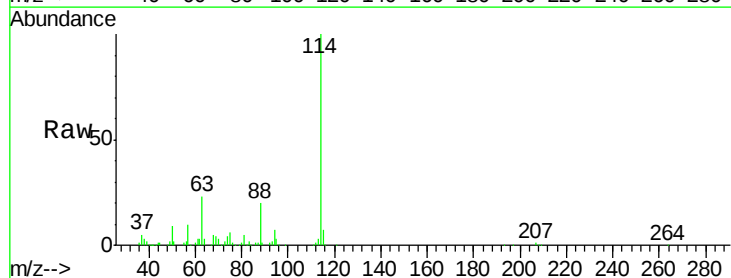
Tgt Ion: 114 Resp: 199754

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.6

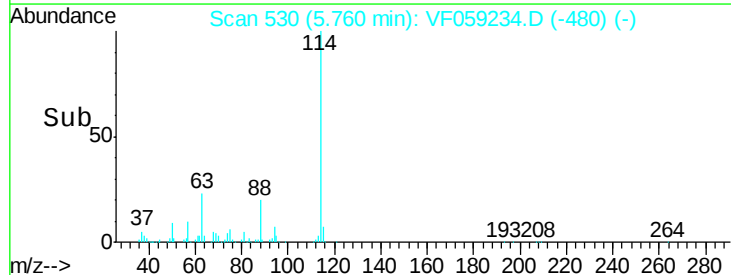
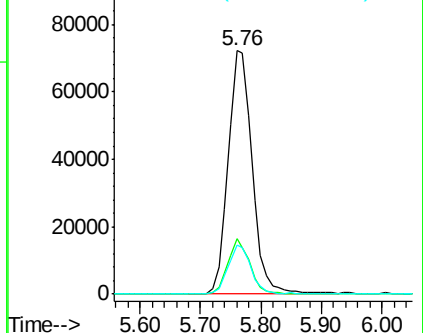
88 20.0 0.0 38.8

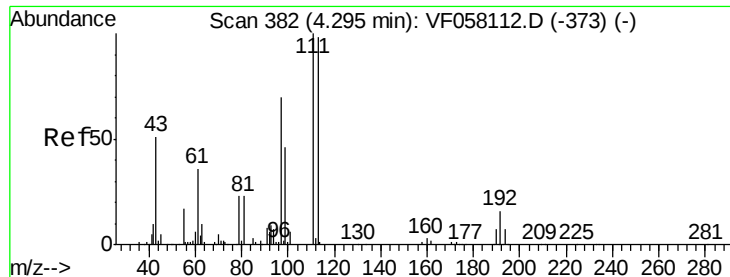


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

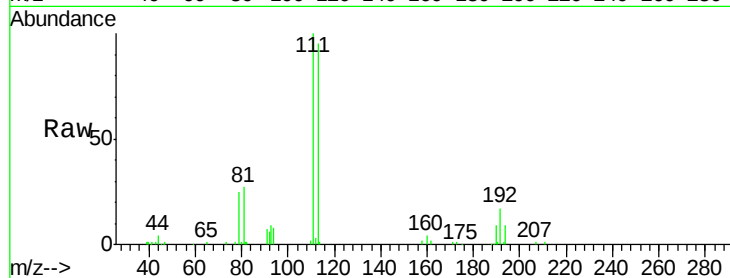




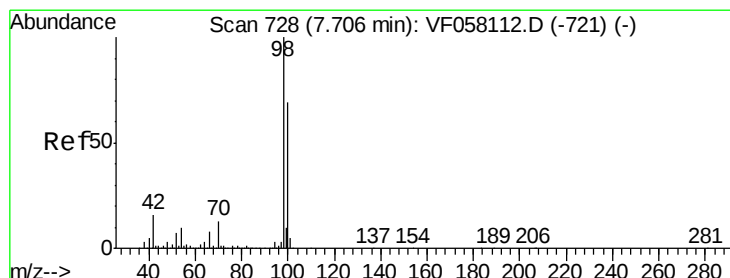
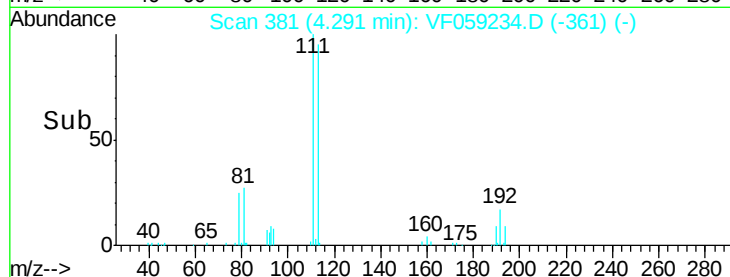
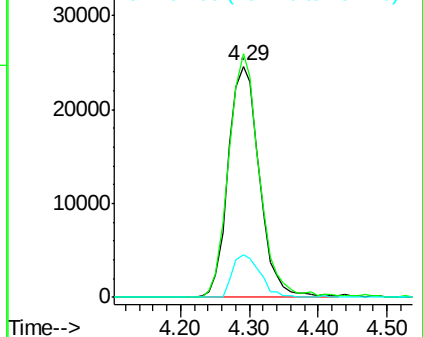
#35
Dibromofluoromethane
Concen: 55.15 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.00 min
Lab File: VF059234.D
Acq: 20 Jun 2018 19:08

Instrument :
MSVOA_F
ClientSampleId :
TP-9RE

Tot Ion:113 Resp: 77301
Ion Ratio Lower Upper
113 100
111 105.4 81.3 121.9
192 18.4 12.7 19.1

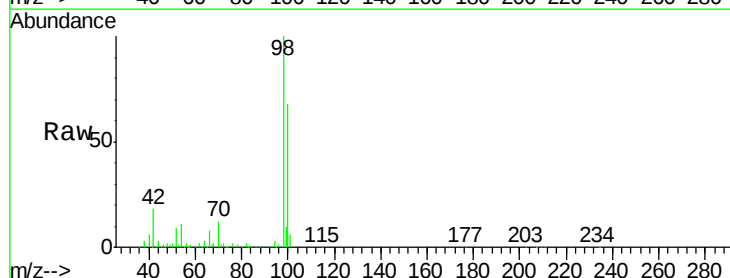


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V

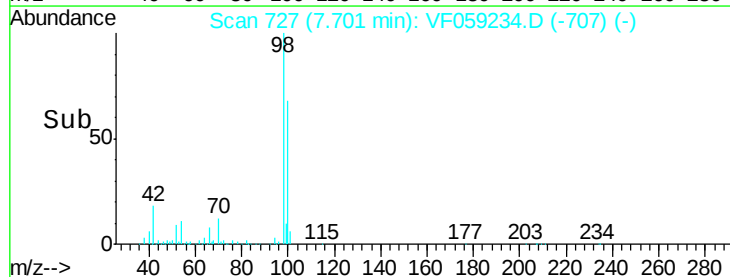
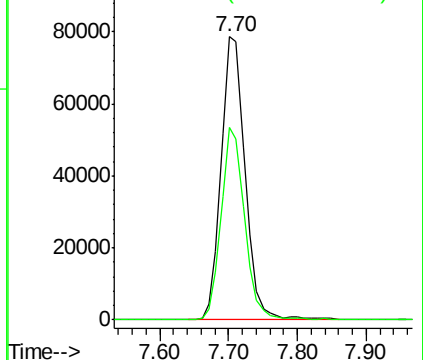


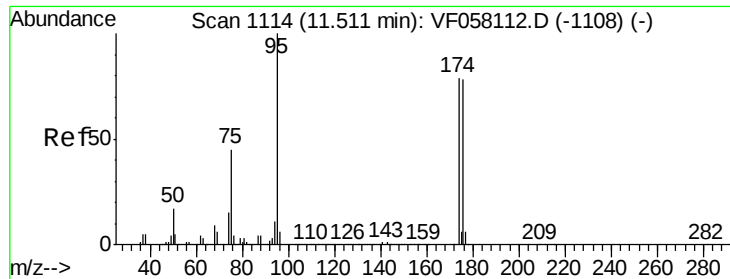
#50
Toluene-d8
Concen: 46.23 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.00 min
Lab File: VF059234.D
Acq: 20 Jun 2018 19:08

Tgt Ion: 98 Resp: 190341
Ion Ratio Lower Upper
98 100
100 67.9 55.6 83.4



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

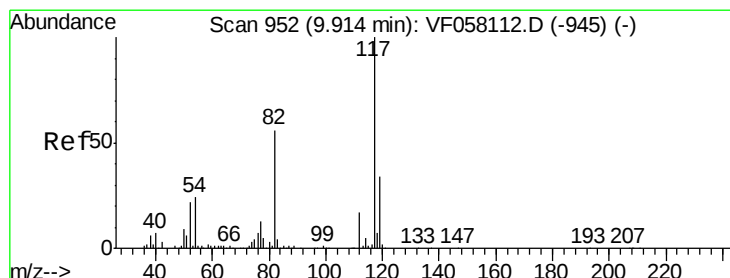
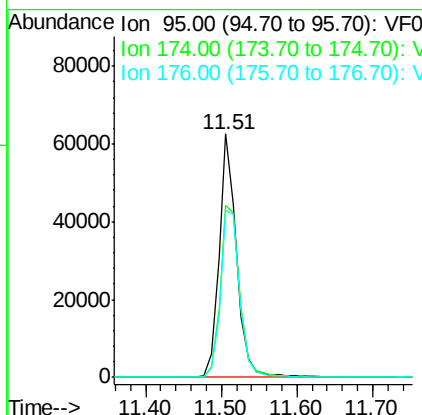
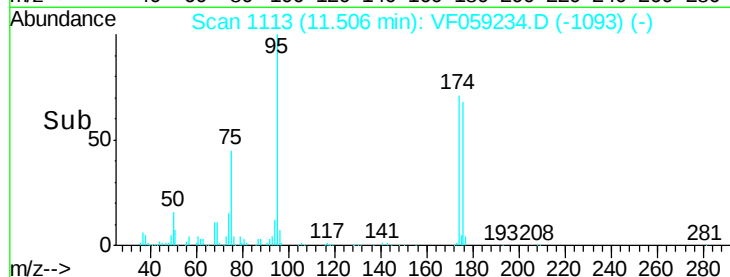
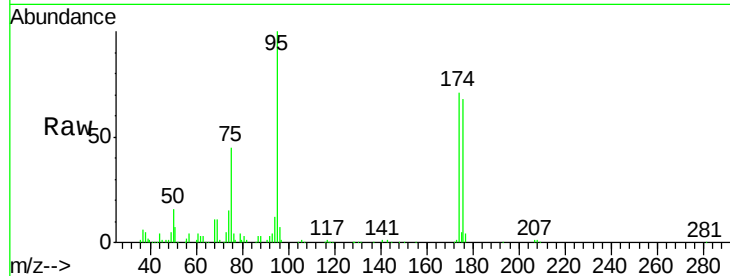




#62
4-Bromofluorobenzene
Concen: 47.78 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VF059234.D
Acq: 20 Jun 2018 19:08

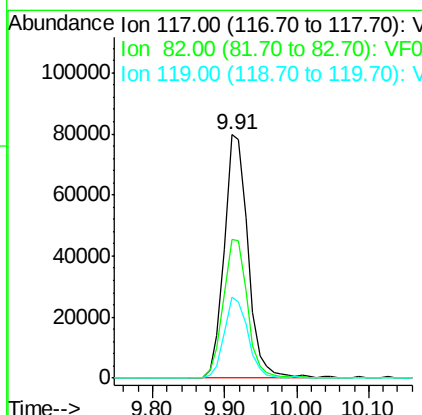
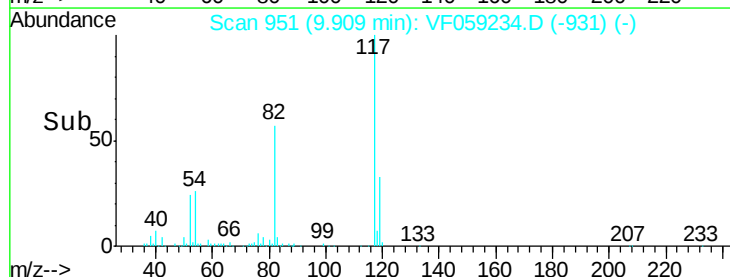
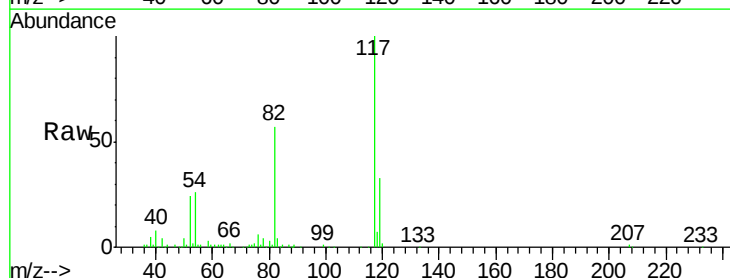
Instrument :
MSVOA_F
ClientSampleId :
TP-9RE

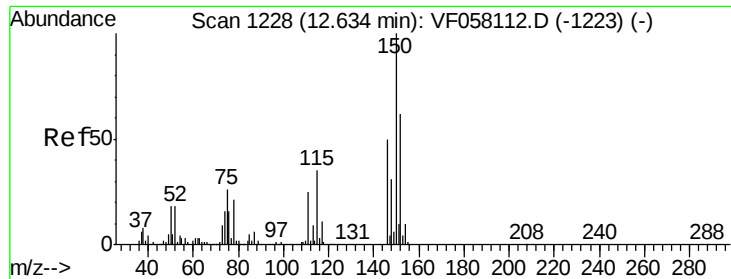
Tot Ion: 95 Resp: 100908
Ion Ratio Lower Upper
95 100
174 70.7 0.0 157.8
176 68.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059234.D
Acq: 20 Jun 2018 19:08

Tgt Ion: 117 Resp: 183148
Ion Ratio Lower Upper
117 100
82 56.7 45.2 67.8
119 33.5 27.5 41.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VF059234.D

Acq: 20 Jun 2018 19:08

Instrument :

MSVOA_F

ClientSampleId :

TP-9RE

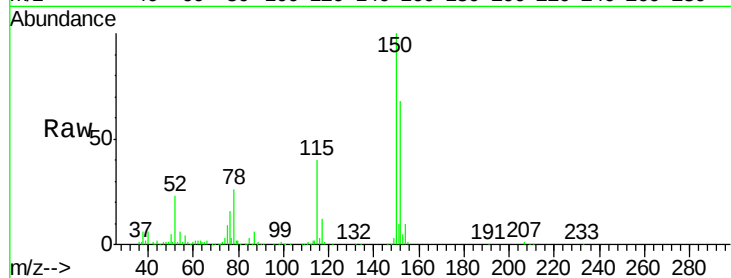
Tot Ion:152 Resp: 116845

Ion Ratio Lower Upper

152 100

115 59.1 28.5 85.5

150 146.1 0.0 323.8



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

