

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060374.D
 Acq On : 28 Sep 2018 18:31
 Operator : VA/AP
 Sample : J4777-35
 Misc : 6.28/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-01-092718-B

Quant Time: Sep 29 00:55:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

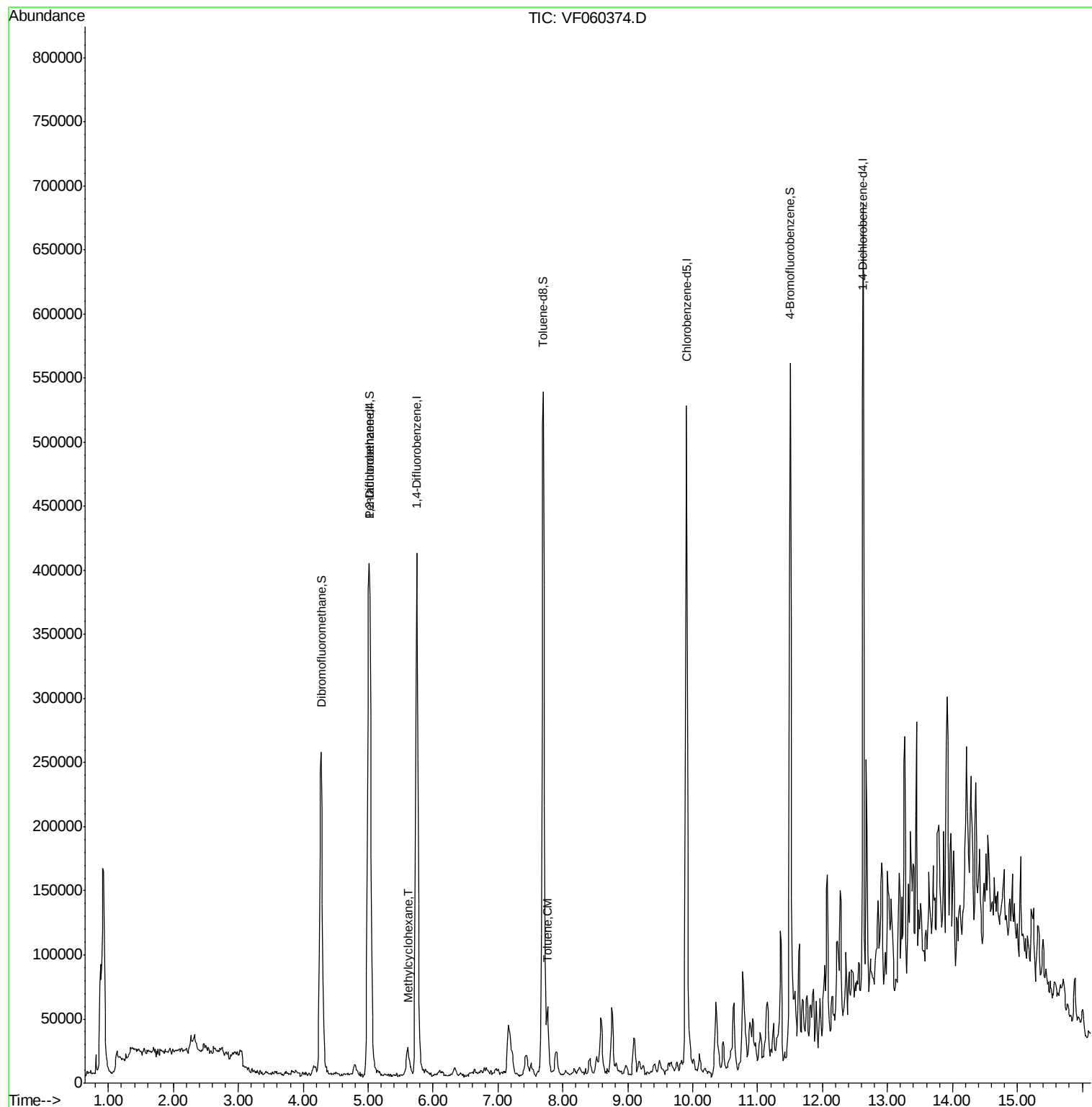
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	258392	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	430337	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	338505	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	150428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	217144	62.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.82%	
35) Dibromofluoromethane	4.28	113	228905	59.67	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	119.34%	
50) Toluene-d8	7.69	98	440577	44.10	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	88.20%	
62) 4-Bromofluorobenzene	11.50	95	198456	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
Target Compounds						
39) Methylcyclohexane	5.62	83	14075	2.419	ug/l #	82
52) Toluene	7.77	92	23341	3.031	ug/l	95

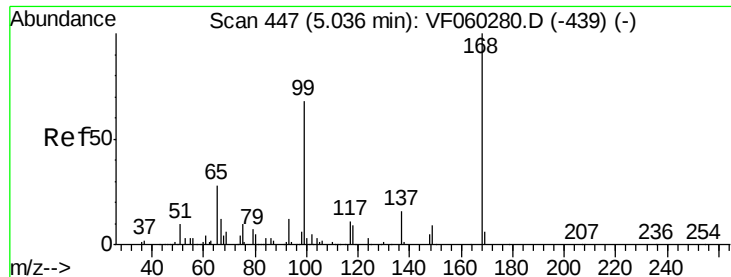
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060374.D

Acq: 28 Sep 2018 18:31

Instrument :

MSVOA_F

ClientSampleId :

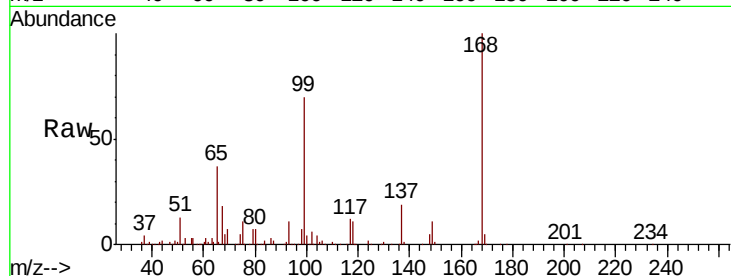
PL-01-092718-B

Tot Ion:168 Resp: 258392

Ion Ratio Lower Upper

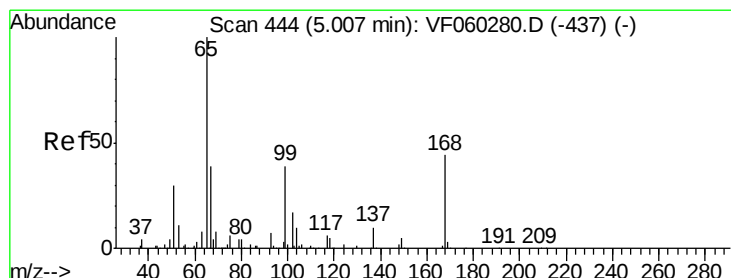
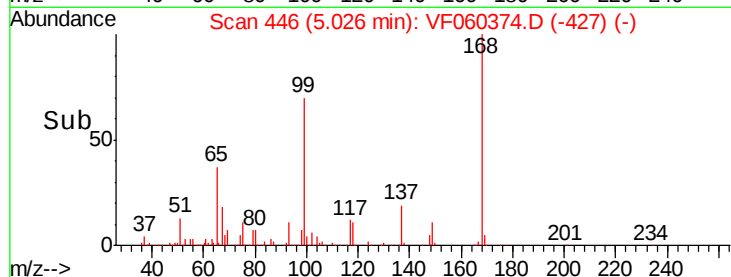
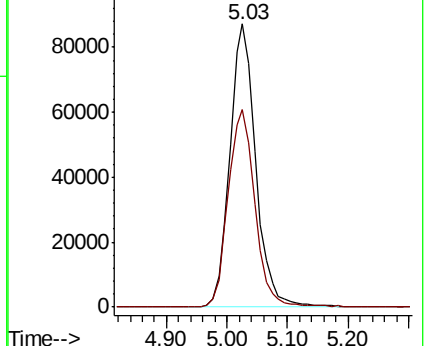
168 100

99 70.0 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 62.410 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060374.D

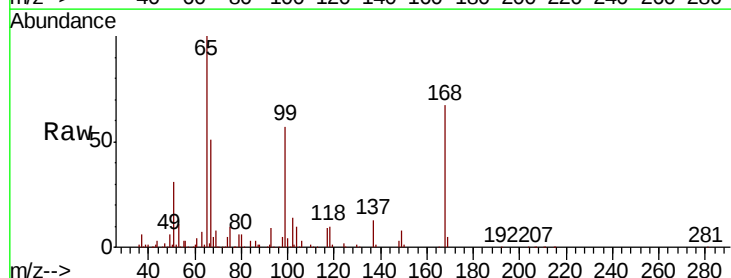
Acq: 28 Sep 2018 18:31

Tgt Ion: 65 Resp: 217144

Ion Ratio Lower Upper

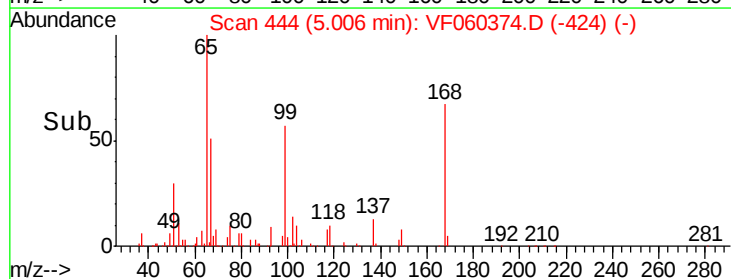
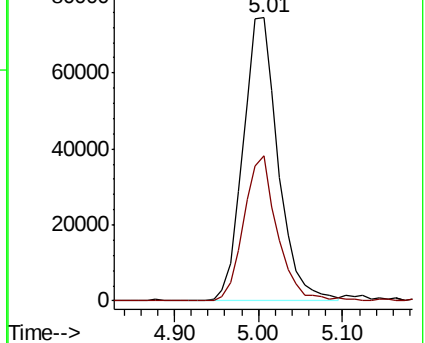
65 100

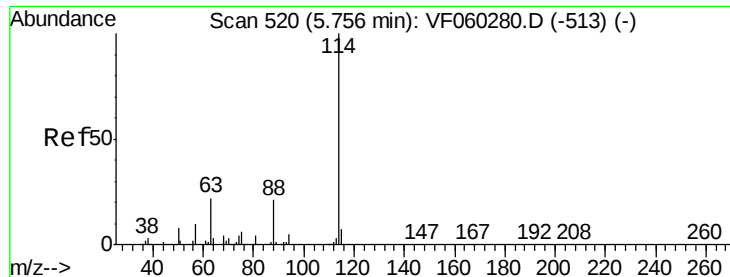
67 51.2 0.0 94.4



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: 5.75 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060374.D

Acq: 28 Sep 2018 18:31

Instrument :

MSVOA_F

ClientSampleId :

PL-01-092718-B

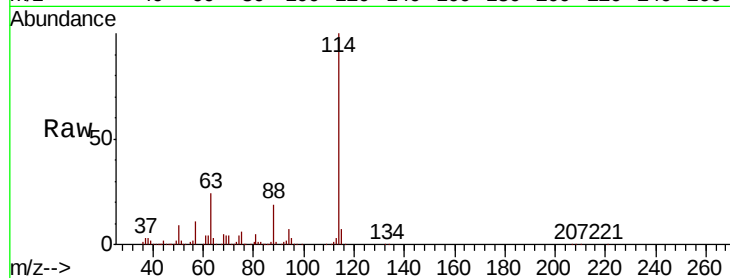
Tot Ion:114 Resp: 430337

Ion Ratio Lower Upper

114 100

63 23.6 0.0 43.8

88 19.4 0.0 41.2



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

200000

150000

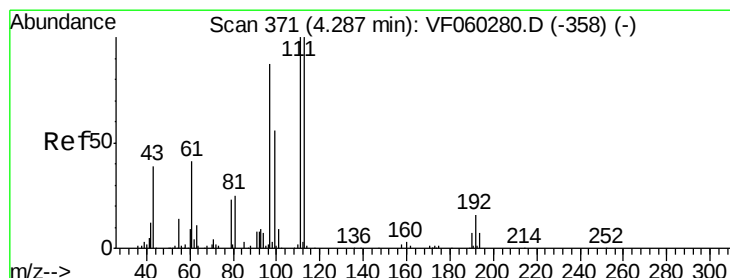
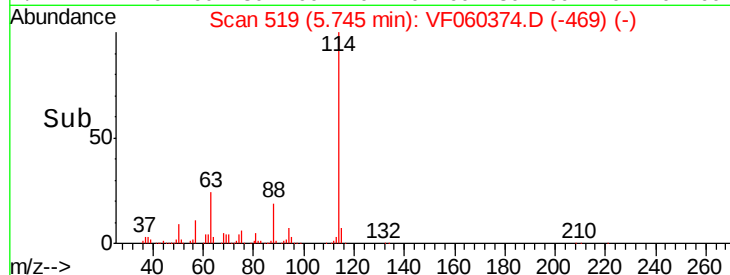
100000

50000

0

5.60 5.70 5.80 5.90

Time-->



#35

Dibromofluoromethane

Concen: 59.671 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060374.D

Acq: 28 Sep 2018 18:31

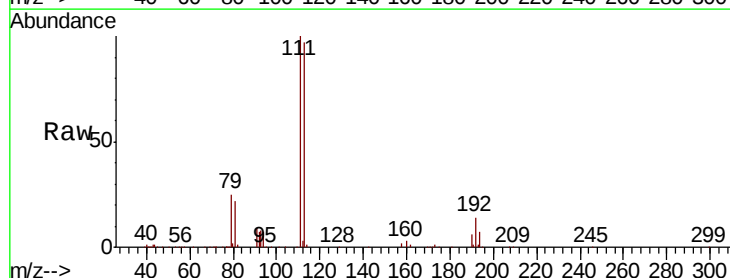
Tgt Ion:113 Resp: 228905

Ion Ratio Lower Upper

113 100

111 103.6 79.6 119.4

192 14.3 13.0 19.6



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

100000

80000

60000

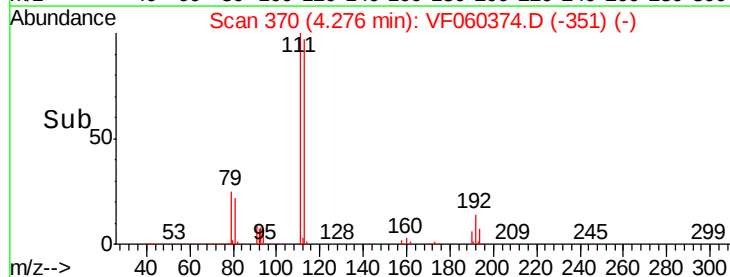
40000

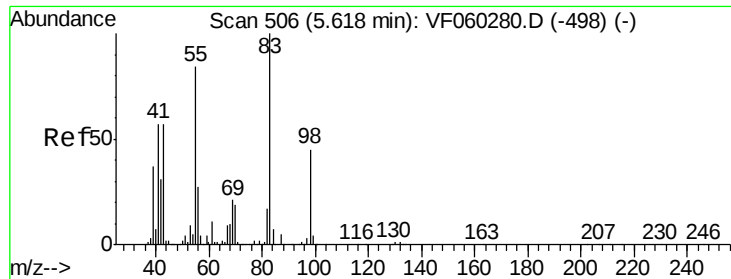
20000

0

4.10 4.20 4.30 4.40

Time-->

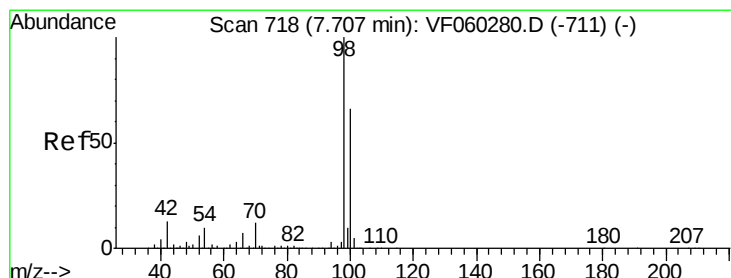
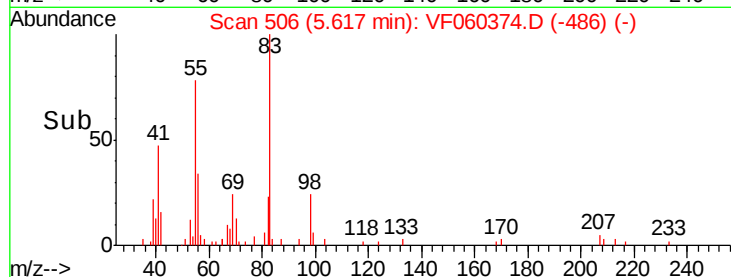
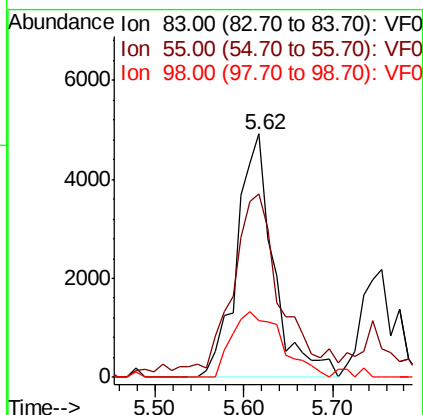
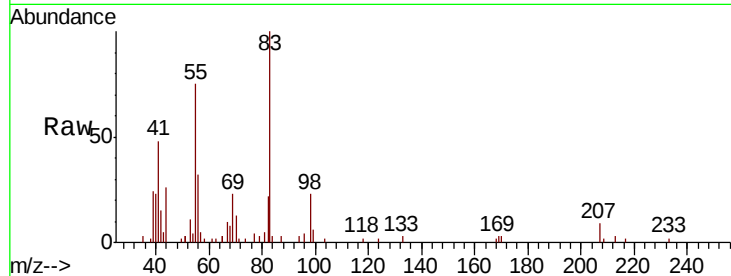




#39
Methylcyclohexane
Concen: 2.419 ug/l
RT: 5.62 min Scan# 506
Delta R.T. -0.00 min
Lab File: VF060374.D
Acq: 28 Sep 2018 18:31

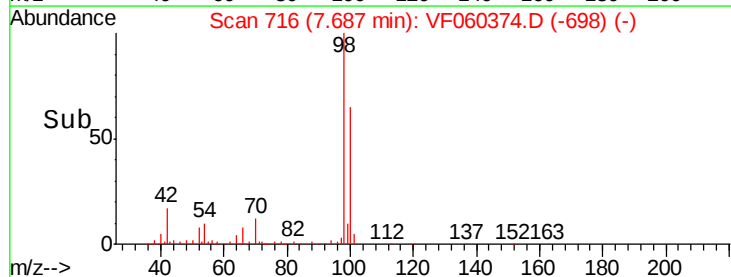
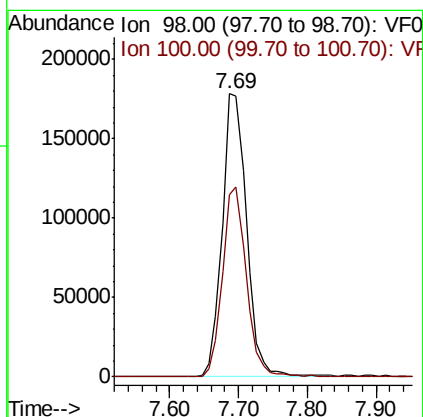
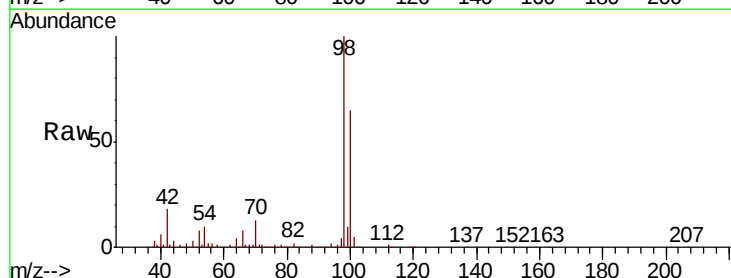
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

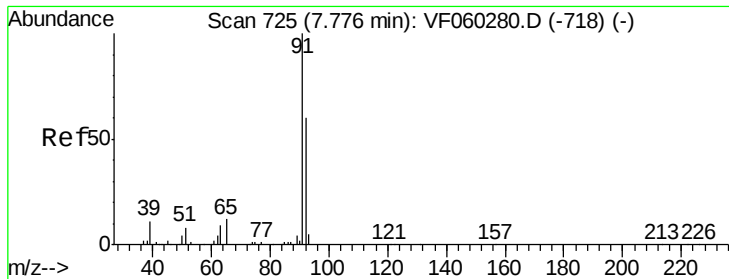
Tot Ion: 83 Resp: 14075
Ion Ratio Lower Upper
83 100
55 75.2 67.3 100.9
98 23.1 36.1 54.1#



#50
Toluene-d8
Concen: 44.101 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.02 min
Lab File: VF060374.D
Acq: 28 Sep 2018 18:31

Tgt Ion: 98 Resp: 440577
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.6





#52

Toluene

Concen: 3.031 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060374.D

Acq: 28 Sep 2018 18:31

Instrument :

MSVOA_F

ClientSampleId :

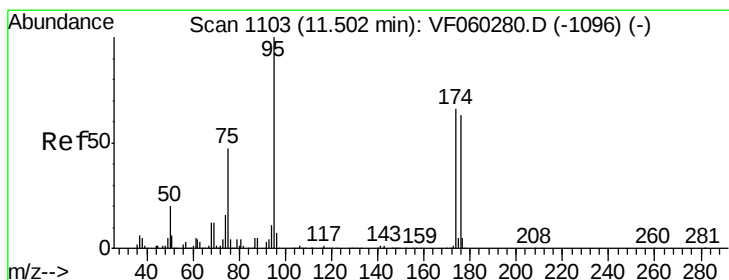
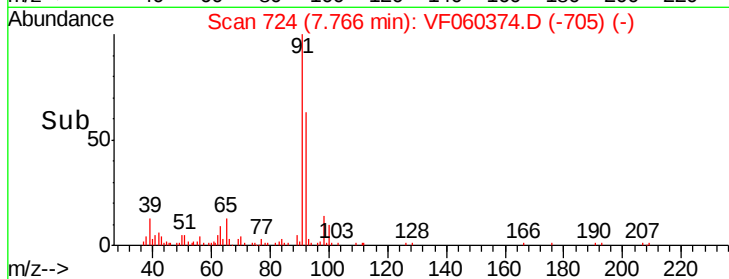
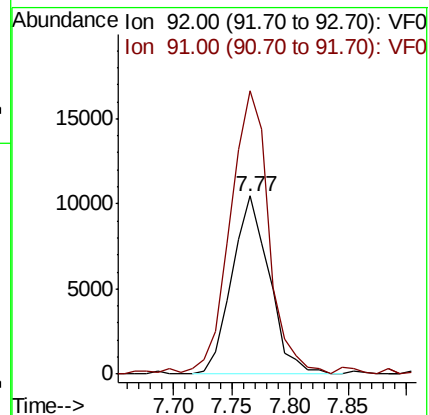
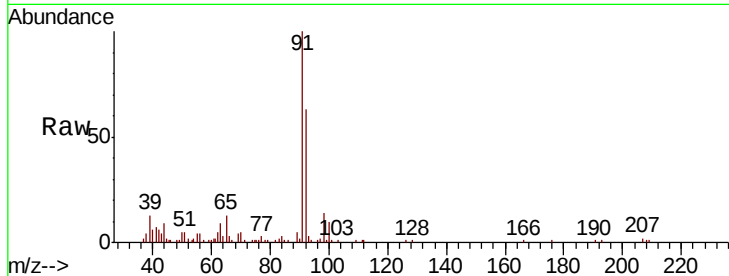
PL-01-092718-B

Tot Ion: 92 Resp: 23341

Ion Ratio Lower Upper

92 100

91 159.2 133.3 199.9



#62

4-Bromofluorobenzene

Concen: 45.956 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060374.D

Acq: 28 Sep 2018 18:31

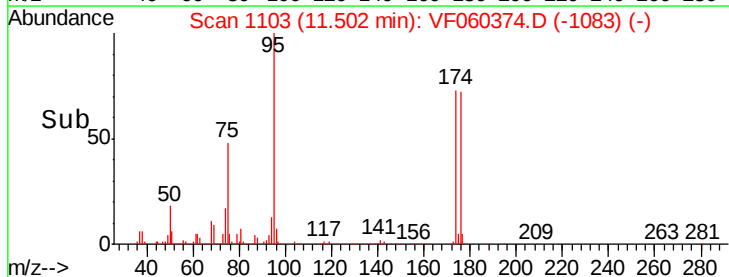
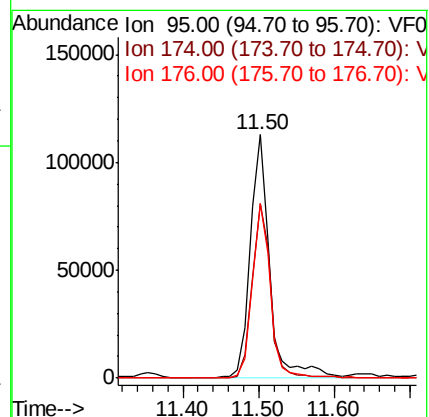
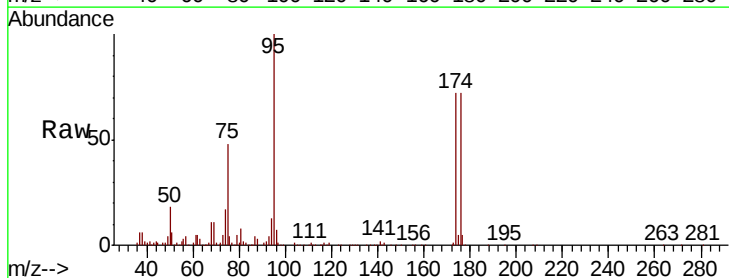
Tgt Ion: 95 Resp: 198456

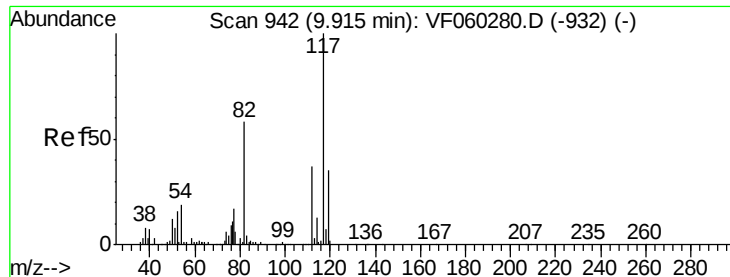
Ion Ratio Lower Upper

95 100

174 71.6 0.0 131.2

176 71.6 0.0 126.6

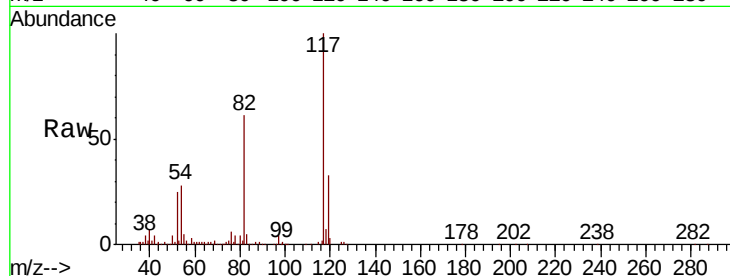




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060374.D
Acq: 28 Sep 2018 18:31

Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.4	46.2	69.2
119	33.4	27.8	41.6

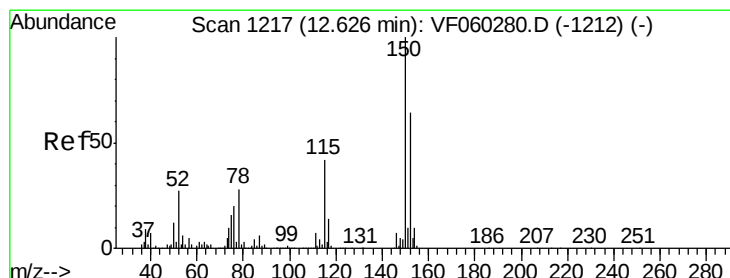
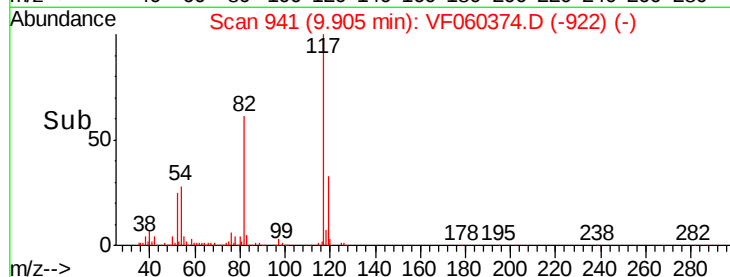
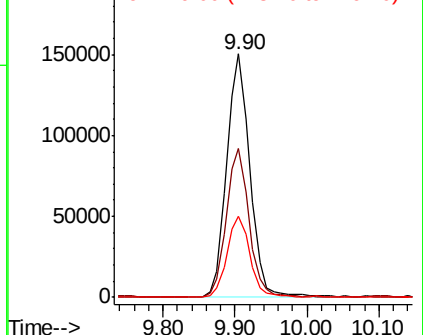


Abundance

Ion 117.00 (116.70 to 117.70): V

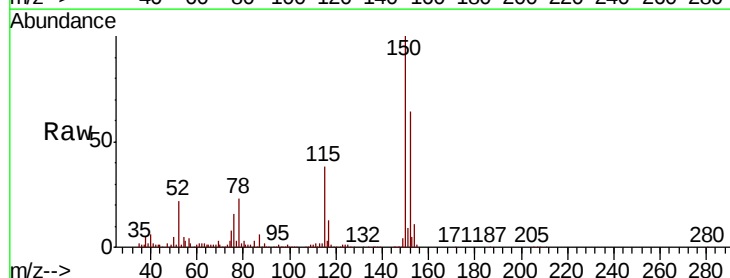
Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VF060374.D
Acq: 28 Sep 2018 18:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	32.6	97.8
150	157.0	0.0	314.2



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

