

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060373.D
 Acq On : 28 Sep 2018 18:03
 Operator : VA/AP
 Sample : J4777-33
 Misc : 6.35/5mL/MSVOA F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: Sep 29 00:52:07 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

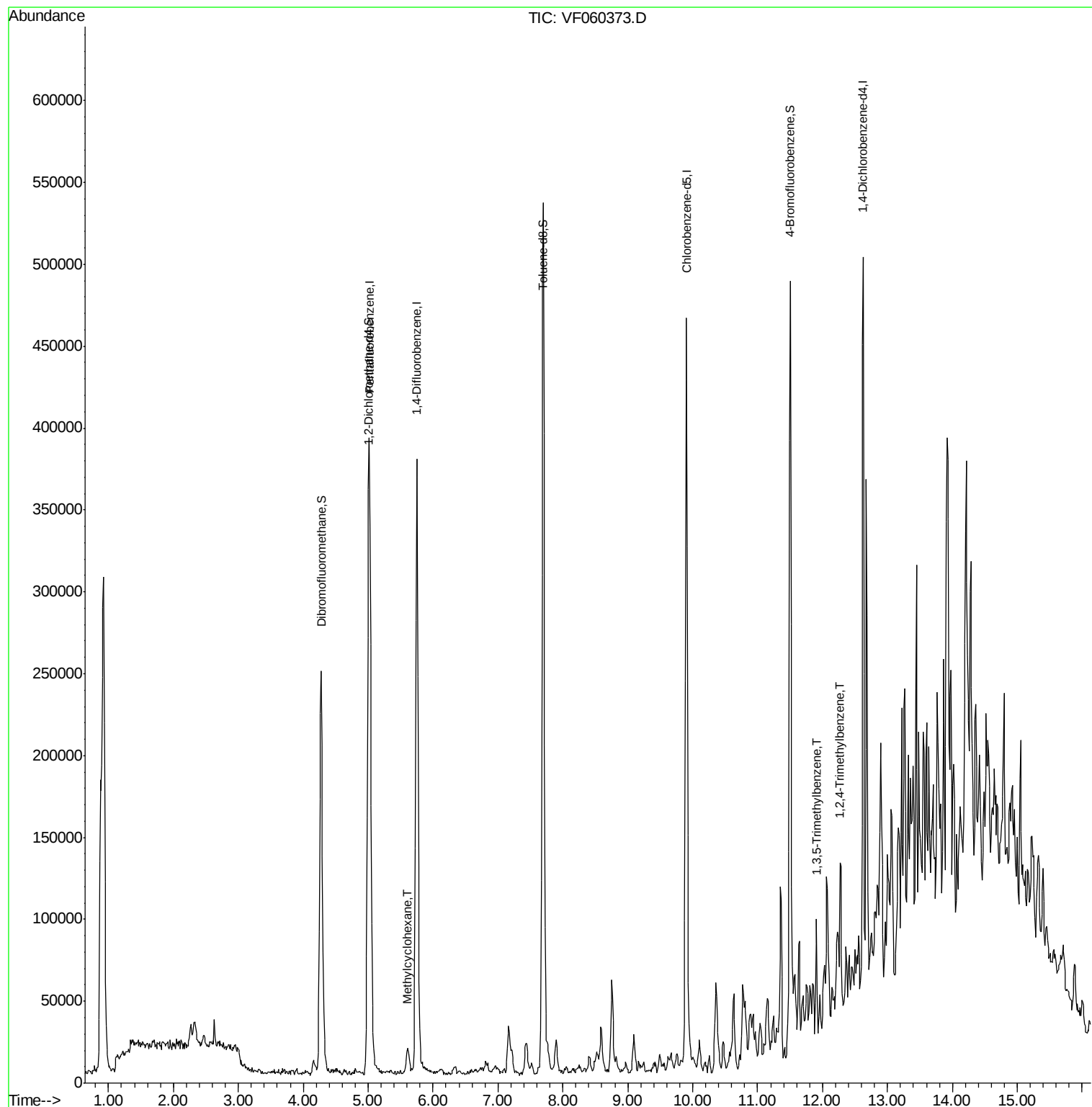
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	224394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	391807	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	304419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	116728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	220348	72.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	145.86%	
35) Dibromofluoromethane	4.28	113	220820	63.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.44%	
50) Toluene-d8	7.70	98	429625	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.50	95	168399	42.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.66%	
Target Compounds						
39) Methylcyclohexane	5.61	83	7673	1.449	ug/l #	74
80) 1,3,5-Trimethylbenzene	11.91	105	27792	3.295	ug/l	90
84) 1,2,4-Trimethylbenzene	12.28	105	19237	2.246	ug/l	100

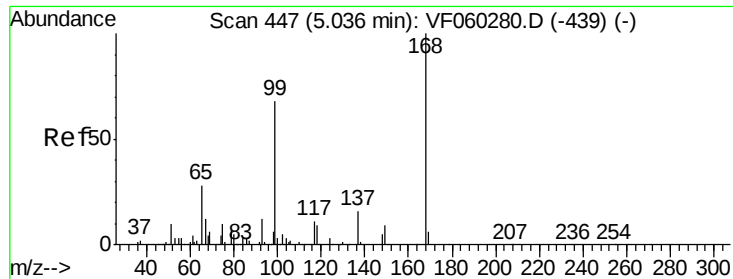
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060373.D

Acq: 28 Sep 2018 18:03

Instrument :

MSVOA_F

ClientSampleId :

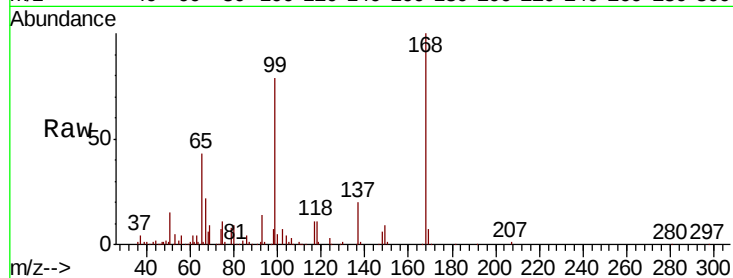
PL-01-092718-A

Tot Ion:168 Resp: 224394

Ion Ratio Lower Upper

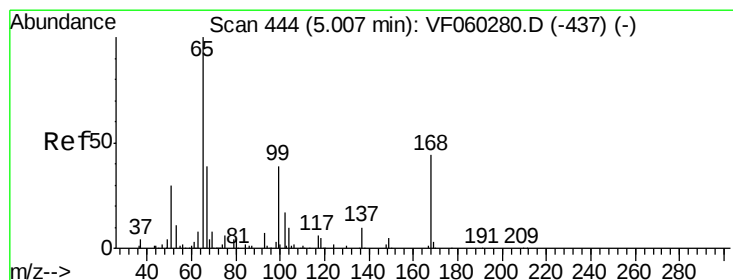
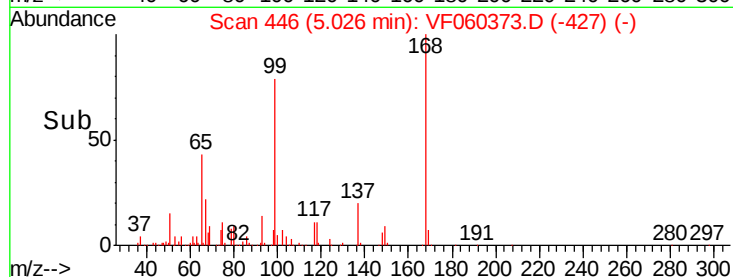
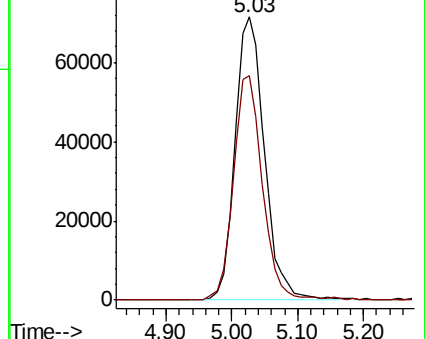
168 100

99 79.5 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: 72.926 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060373.D

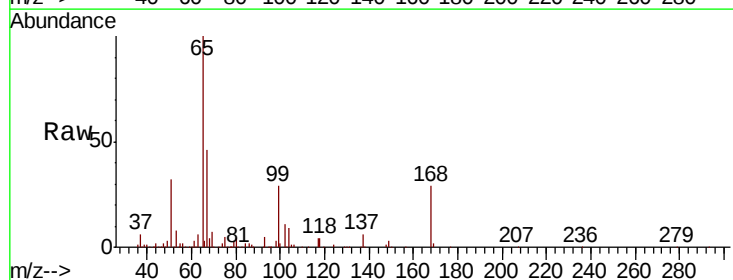
Acq: 28 Sep 2018 18:03

Tgt Ion: 65 Resp: 220348

Ion Ratio Lower Upper

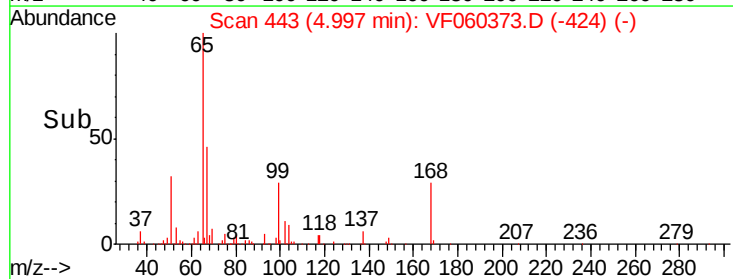
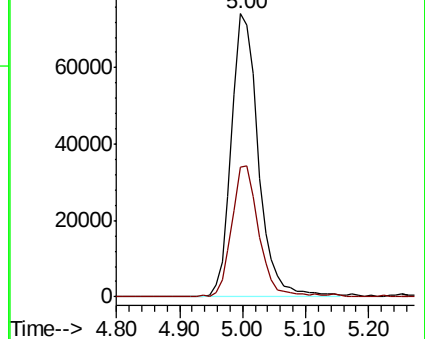
65 100

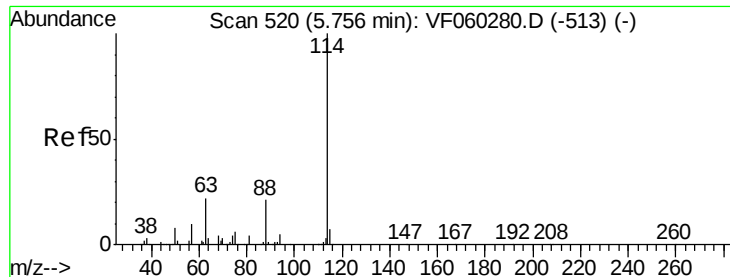
67 45.8 0.0 94.4



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: 5.76 min Scan# 520

Delta R.T. -0.00 min

Lab File: VF060373.D

Acq: 28 Sep 2018 18:03

Instrument :

MSVOA_F

ClientSampleId :

PL-01-092718-A

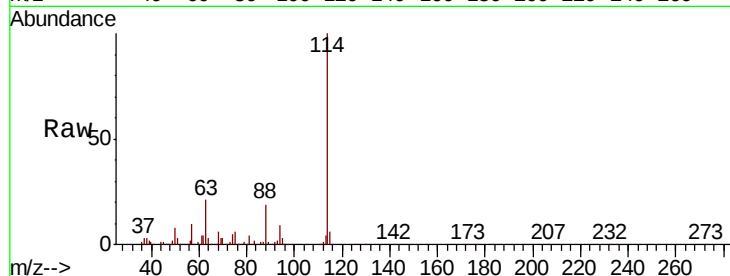
Tot Ion:114 Resp: 391807

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

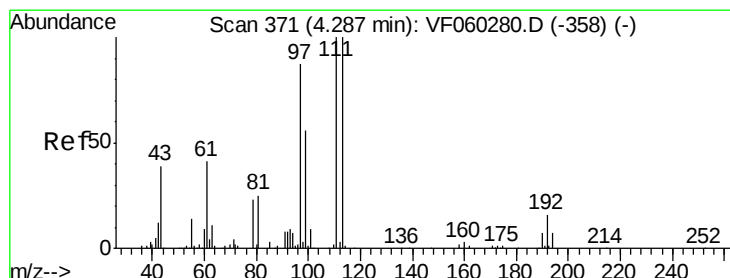
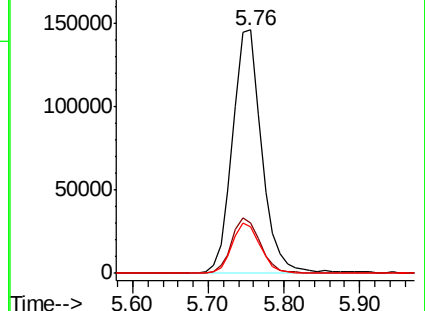
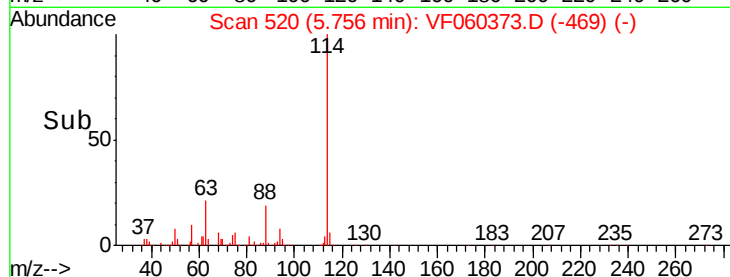
88 19.1 0.0 41.2



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



#35

Dibromofluoromethane

Concen: 63.224 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060373.D

Acq: 28 Sep 2018 18:03

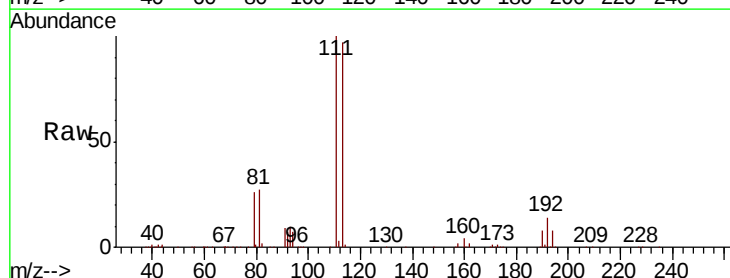
Tgt Ion:113 Resp: 220820

Ion Ratio Lower Upper

113 100

111 102.8 79.6 119.4

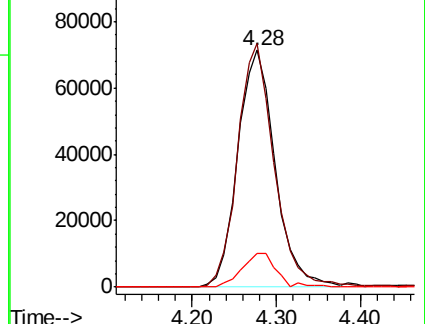
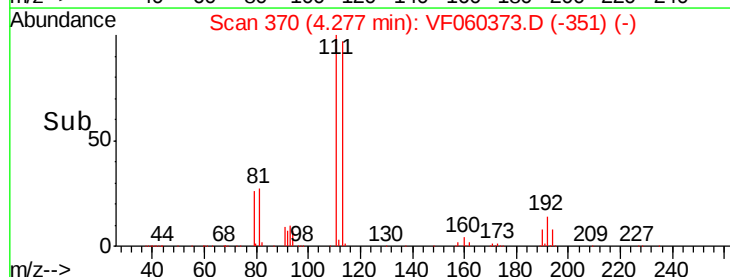
192 14.0 13.0 19.6

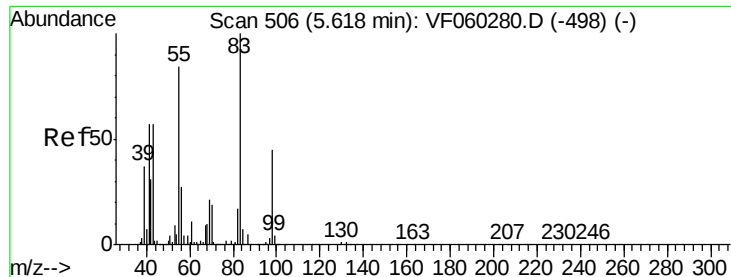


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

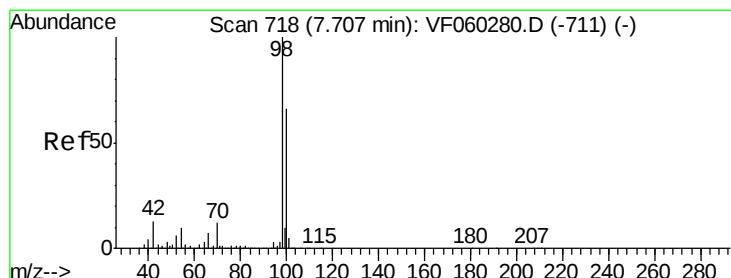
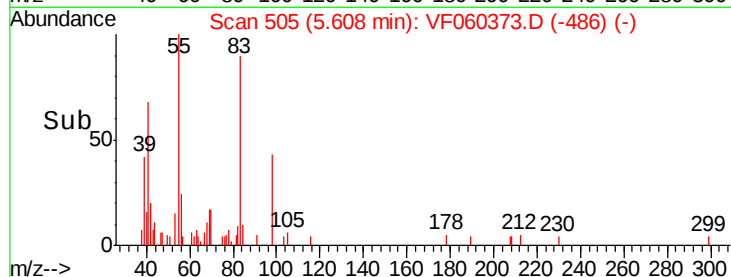
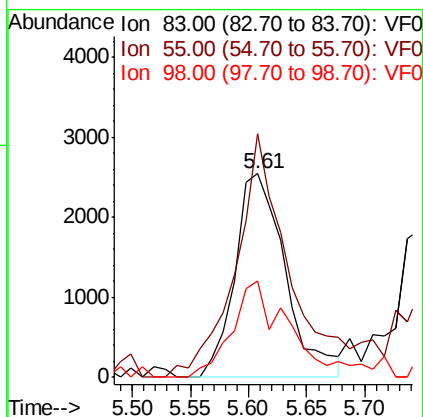
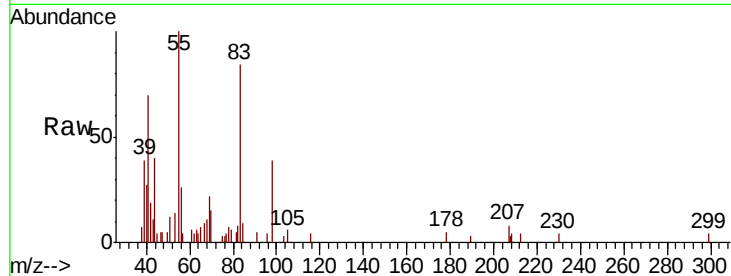




#39
Methylcyclohexane
Concen: 1.449 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.01 min
Lab File: VF060373.D
Acq: 28 Sep 2018 18:03

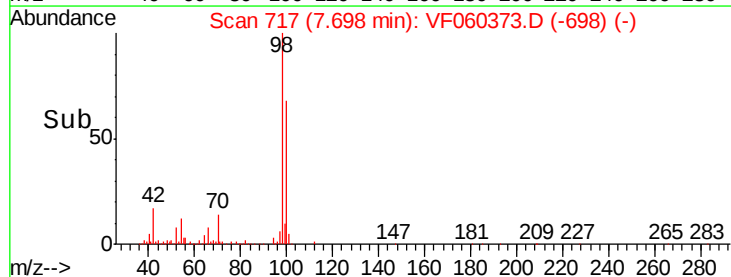
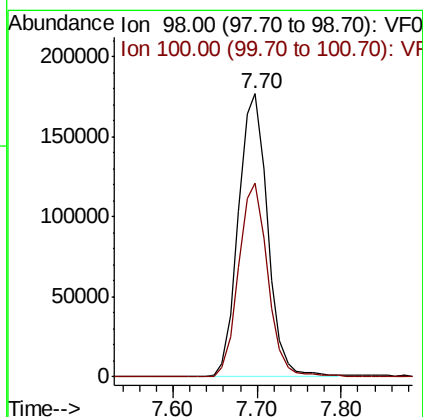
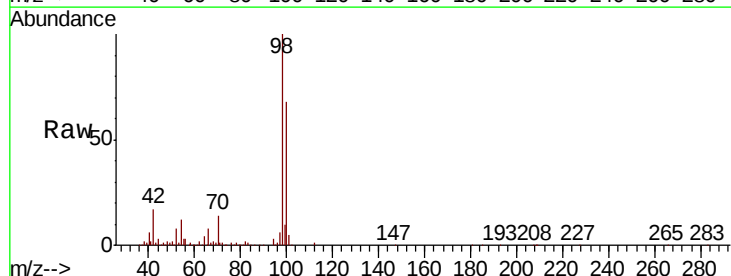
Instrument :
MSVOA_F
ClientSampleId :
PL-01-092718-A

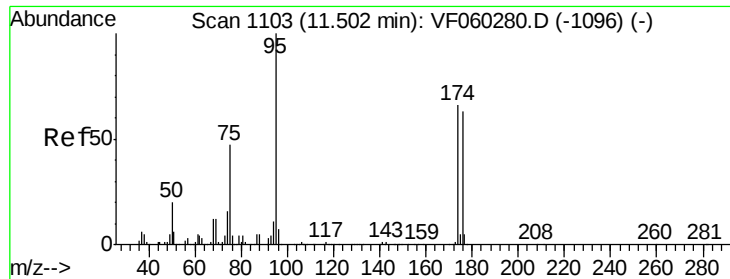
Tot Ion: 83 Resp: 7673
Ion Ratio Lower Upper
83 100
55 119.5 67.3 100.9#
98 47.1 36.1 54.1



#50
Toluene-d8
Concen: 47.234 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060373.D
Acq: 28 Sep 2018 18:03

Tgt Ion: 98 Resp: 429625
Ion Ratio Lower Upper
98 100
100 68.4 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 42.830 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VF060373.D

Acq: 28 Sep 2018 18:03

Instrument :

MSVOA_F

ClientSampleId :

PL-01-092718-A

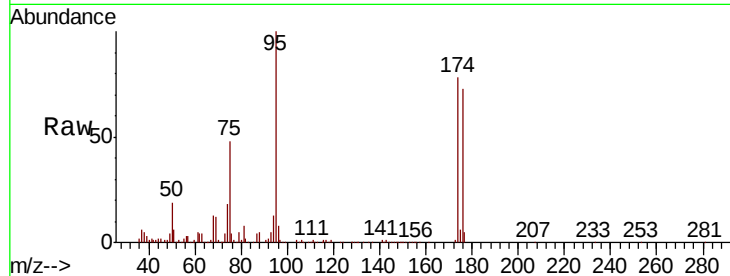
Tot Ion: 95 Resp: 168399

Ion Ratio Lower Upper

95 100

174 78.5 0.0 131.2

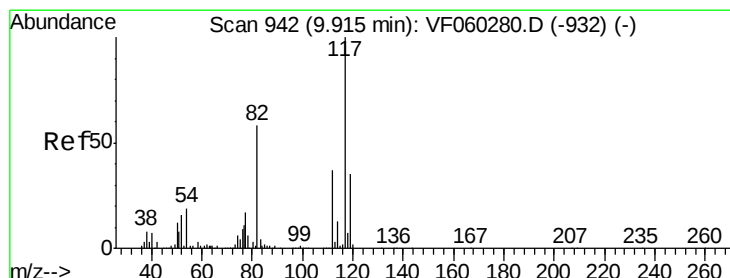
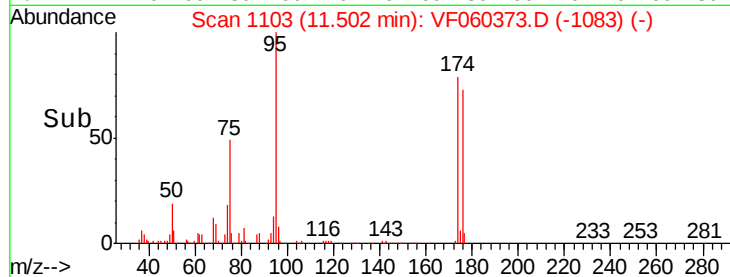
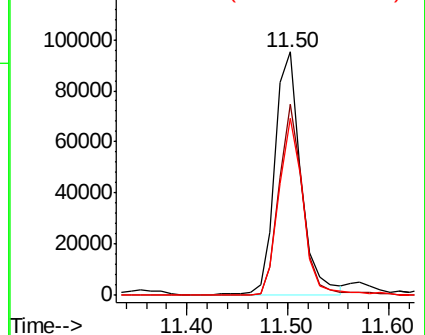
176 72.6 0.0 126.6



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: 9.91 min Scan# 941

Delta R.T. -0.01 min

Lab File: VF060373.D

Acq: 28 Sep 2018 18:03

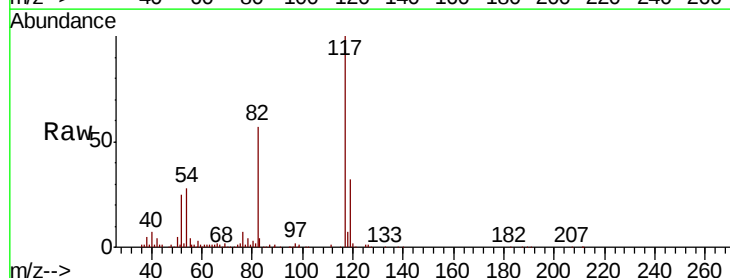
Tgt Ion: 117 Resp: 304419

Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.2

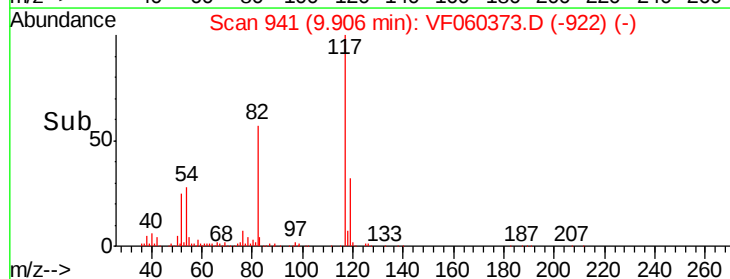
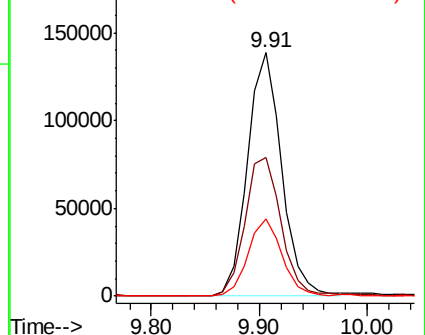
119 31.9 27.8 41.6

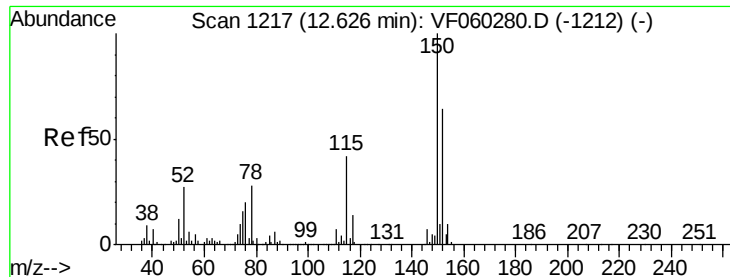


Abundance Ion 117.00 (116.70 to 117.70): V

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: 12.63 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VF060373.D

Acq: 28 Sep 2018 18:03

Instrument :

MSVOA_F

ClientSampleId :

PL-01-092718-A

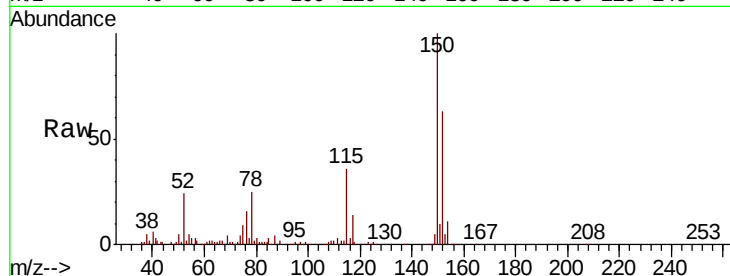
Tot Ion:152 Resp: 116728

Ion Ratio Lower Upper

152 100

115 56.8 32.6 97.8

150 158.6 0.0 314.2

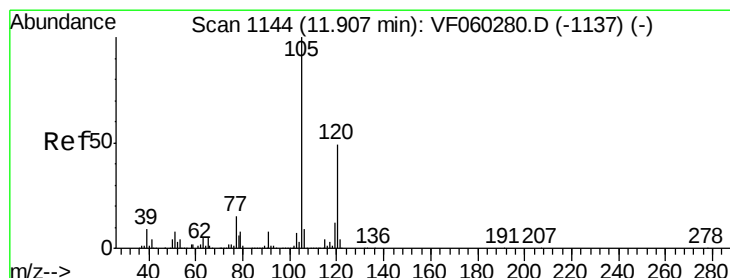
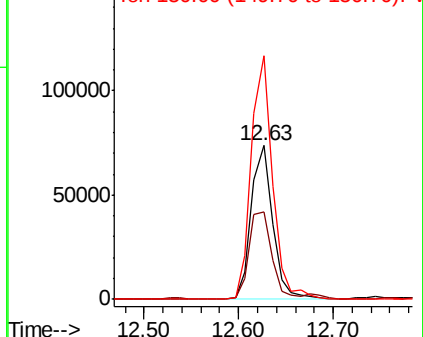
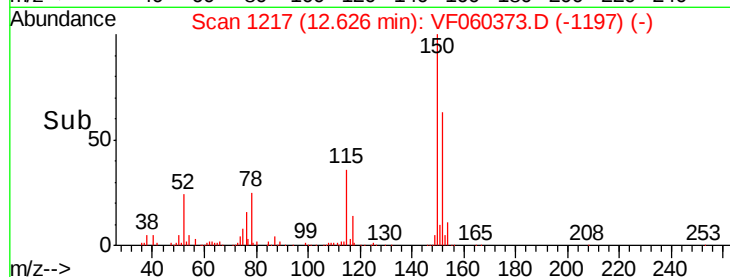


Abundance

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



#80

1,3,5-Trimethylbenzene

Concen: 3.295 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VF060373.D

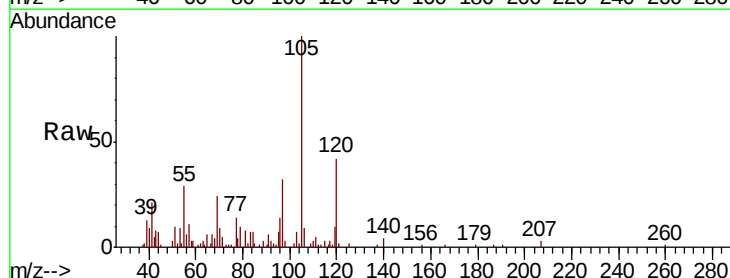
Acq: 28 Sep 2018 18:03

Tgt Ion:105 Resp: 27792

Ion Ratio Lower Upper

105 100

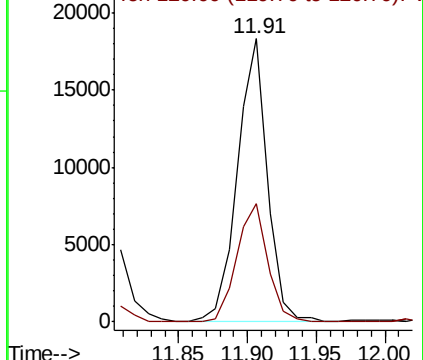
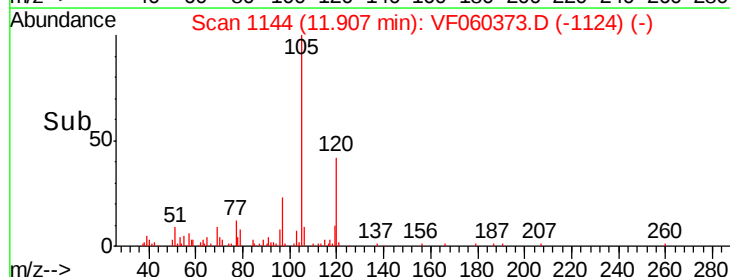
120 41.8 24.4 73.2

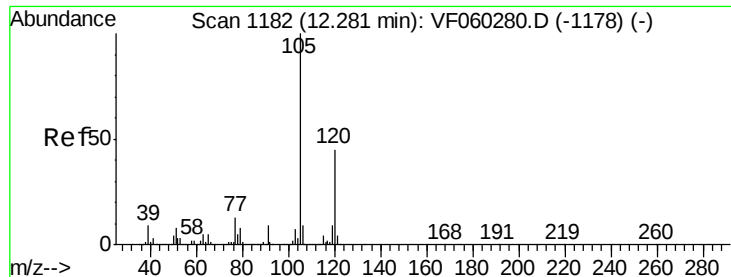


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 2.246 ug/l

RT: 12.28 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VF060373.D

Acq: 28 Sep 2018 18:03

Instrument :

MSVOA_F

ClientSampleId :

PL-01-092718-A

Tot Ion:105 Resp: 19237

Ion Ratio Lower Upper

105 100

120 44.4 22.4 67.0

