

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080118\
 Data File : VF059755.D
 Acq On : 1 Aug 2018 15:11
 Operator : VA/AP
 Sample : J3825-19
 Misc : 6.48g/5mL/MSVOA F/SOIL
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-E

Quant Time: Aug 02 05:49:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

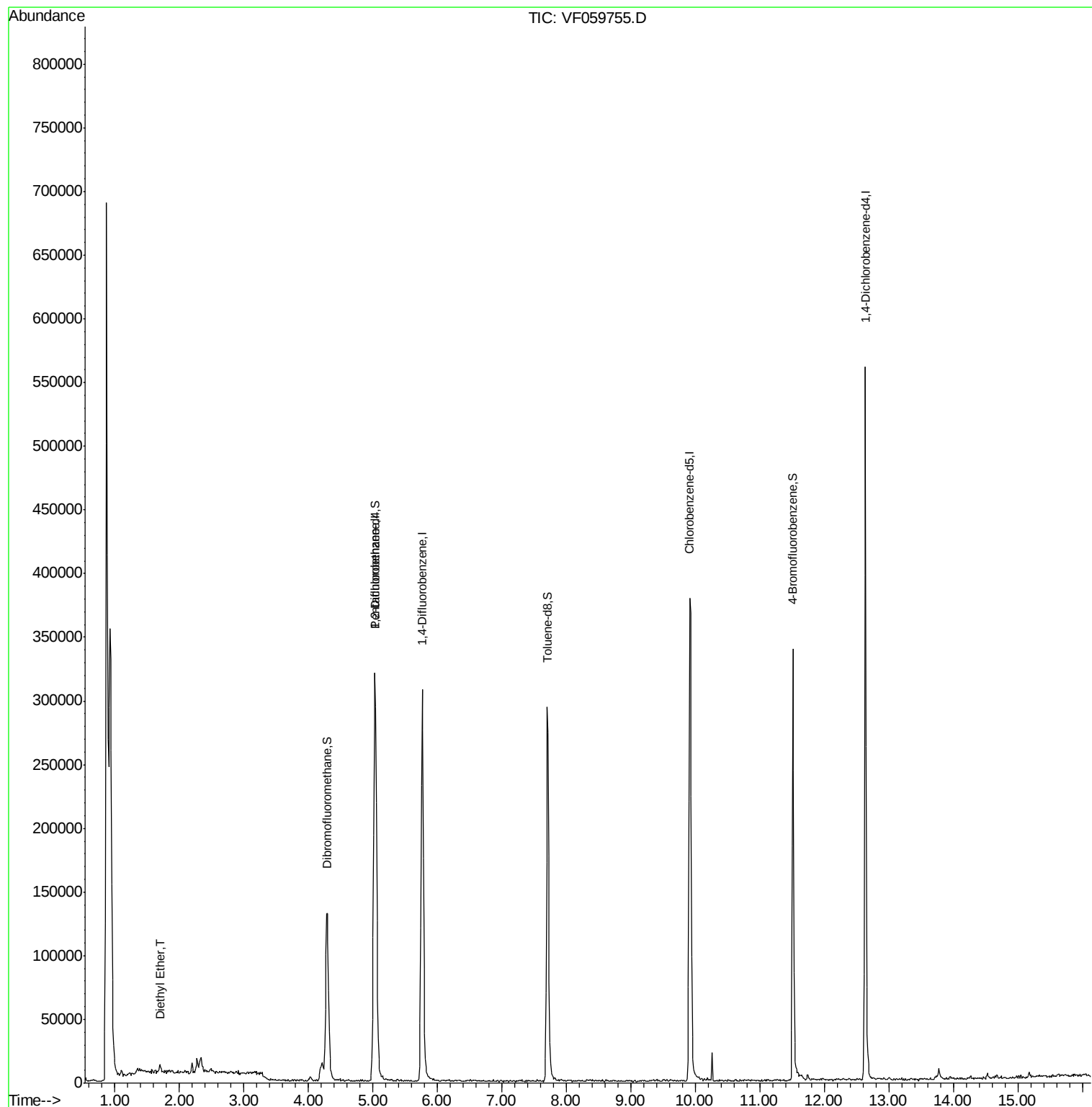
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	198192	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	273416	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	244956	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	134389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	138199	38.80	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.60%	
35) Dibromofluoromethane	4.30	113	118475	41.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	83.44%	
50) Toluene-d8	7.71	98	225100	33.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.98%	
62) 4-Bromofluorobenzene	11.51	95	110505	30.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.28%	
Target Compounds						
8) Diethyl Ether	1.70	74	2252	3.56	ug/l	Qvalue 51

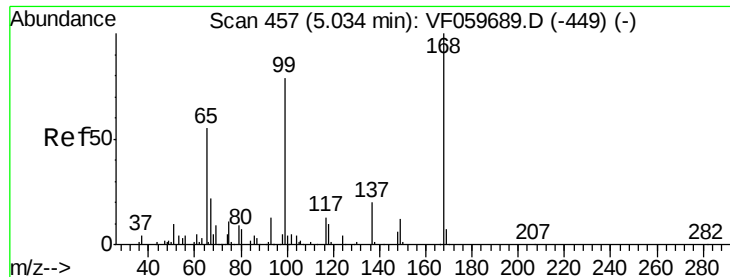
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059755.D

Acq: 1 Aug 2018 15:11

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ClientSampleId :

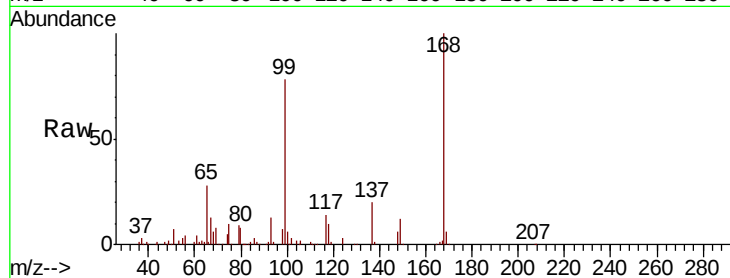
CL-01-073018-E

Tot Ion:168 Resp: 198192

Ion Ratio Lower Upper

168 100

99 77.7 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

80000

60000

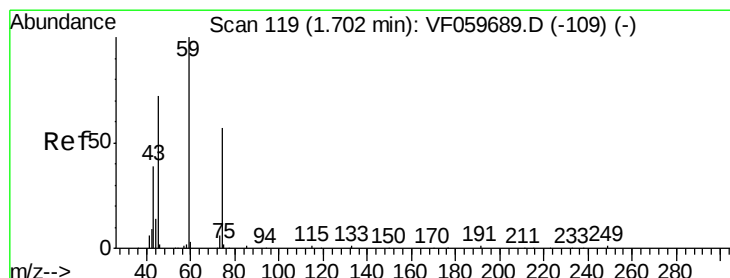
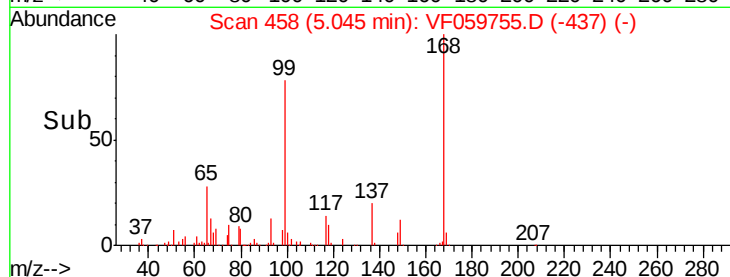
40000

20000

0

Time-->

4.90 5.00 5.10 5.20



#8

Diethyl Ether

Concen: 3.56 ug/l

RT: 1.70 min Scan# 119

Delta R.T. 0.00 min

Lab File: VF059755.D

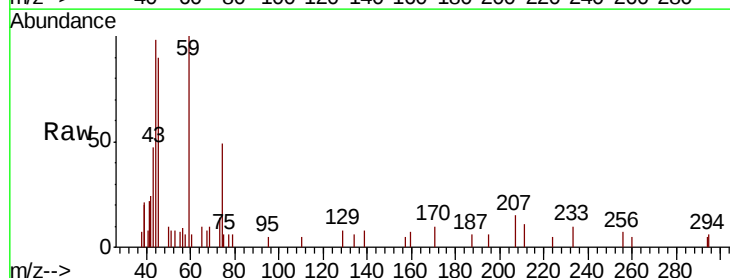
Acq: 1 Aug 2018 15:11

Tgt Ion: 74 Resp: 2252

Ion Ratio Lower Upper

74 100

45 181.9 62.7 188.2



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

1.70

2000

1500

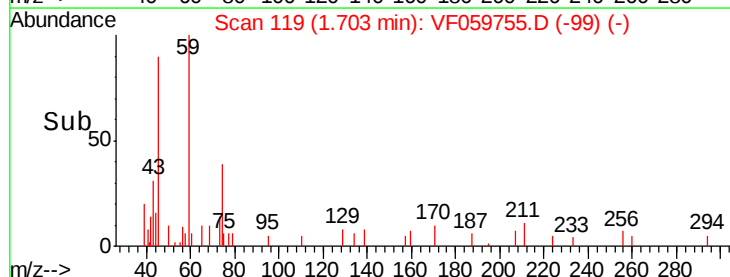
1000

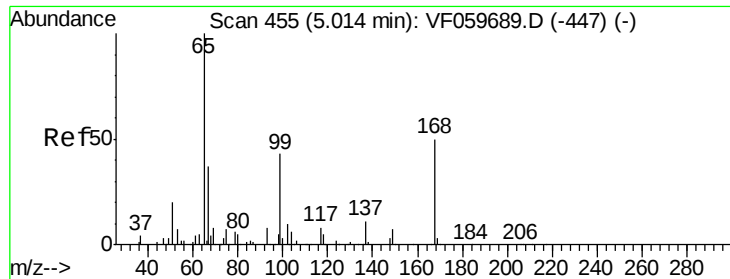
500

0

Time-->

1.65 1.70 1.75

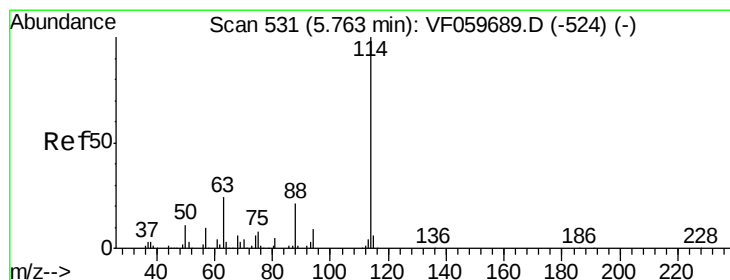
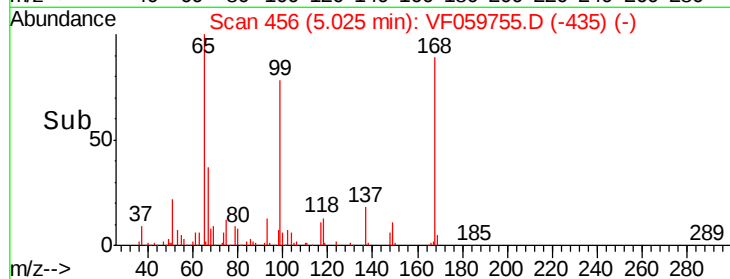
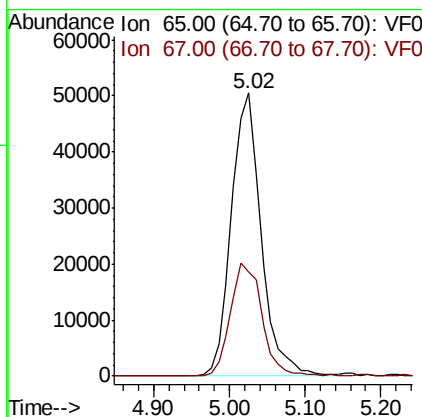
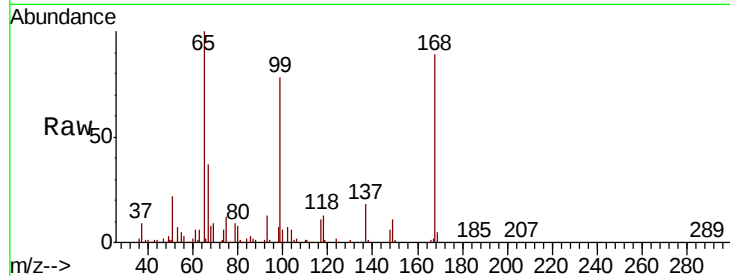




#33
 1,2-Dichloroethane-d4
 Concen: 38.80 ug/l
 RT: 5.02 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: VF059755.D
 Acq: 1 Aug 2018 15:11

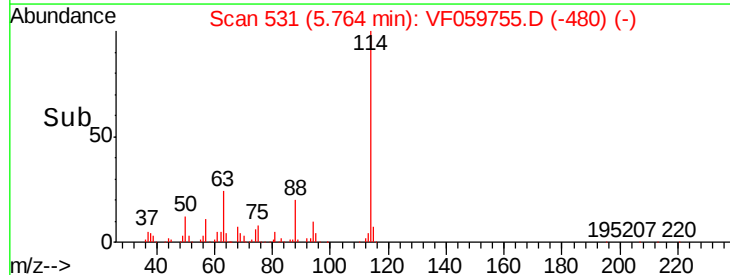
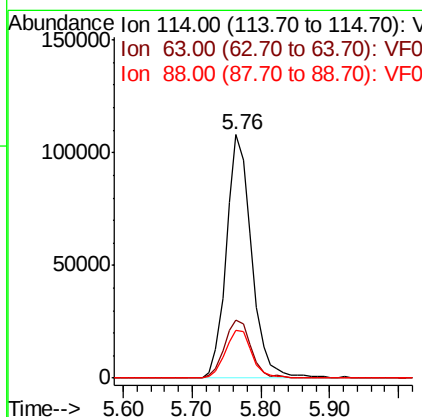
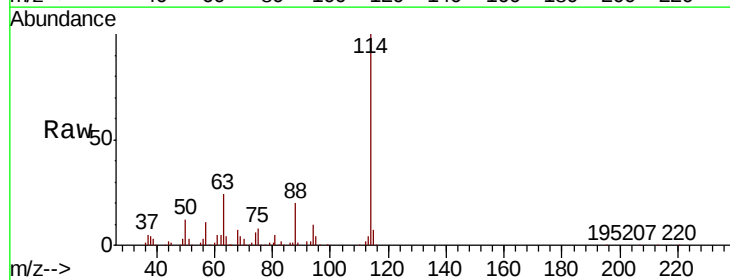
Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-073018-E

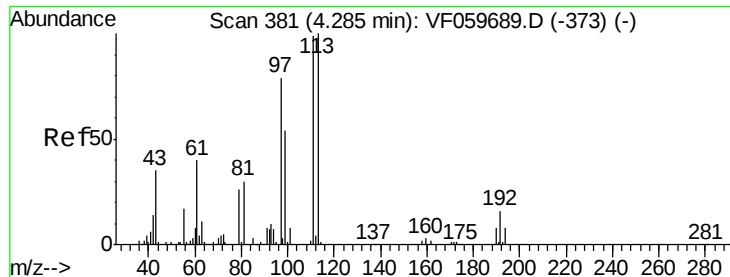
Tot Ion: 65 Resp: 138199
 Ion Ratio Lower Upper
 65 100
 67 37.0 0.0 84.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059755.D
 Acq: 1 Aug 2018 15:11

Tgt Ion: 114 Resp: 273416
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 47.4
 88 19.8 0.0 41.2





#35

Dibromofluoromethane

Concen: 41.72 ug/l

RT: 4.30 min Scan# 382

Delta R.T. 0.01 min

Lab File: VF059755.D

Acq: 1 Aug 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-E

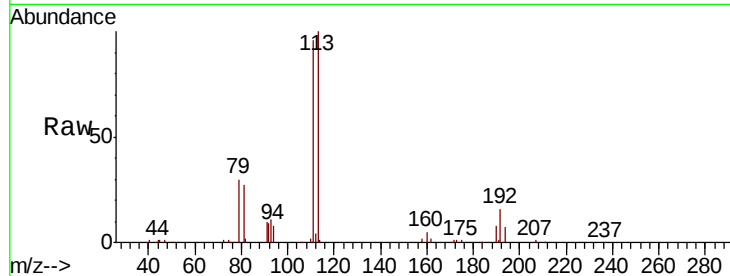
Tot Ion:113 Resp: 118475

Ion Ratio Lower Upper

113 100

111 95.5 79.0 118.4

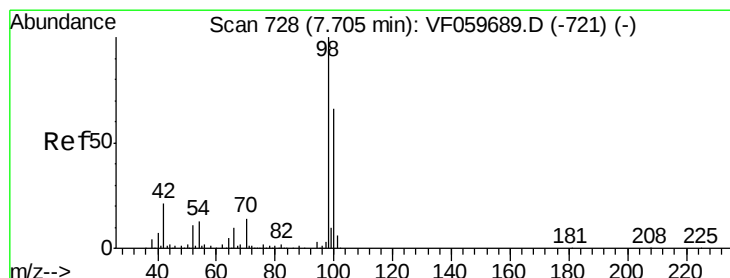
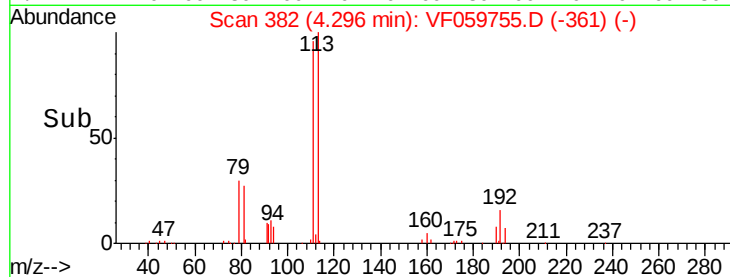
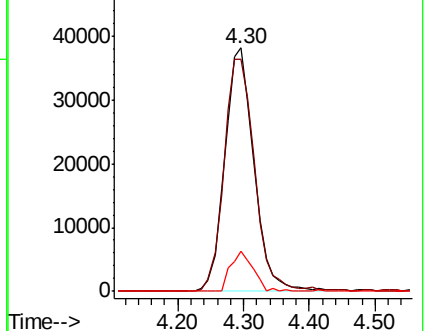
192 16.5 13.2 19.8



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: 33.99 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.00 min

Lab File: VF059755.D

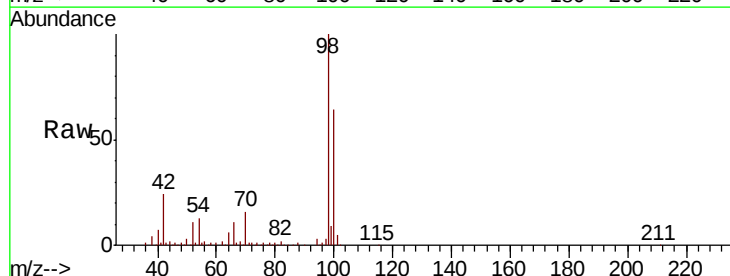
Acq: 1 Aug 2018 15:11

Tgt Ion: 98 Resp: 225100

Ion Ratio Lower Upper

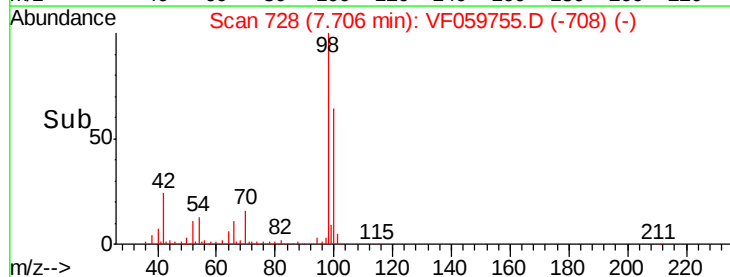
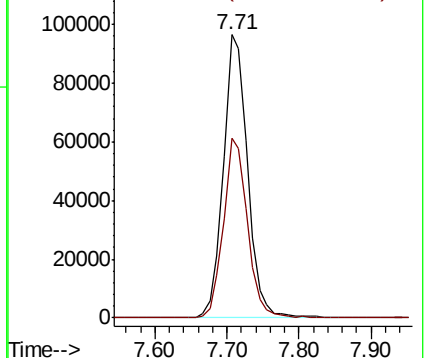
98 100

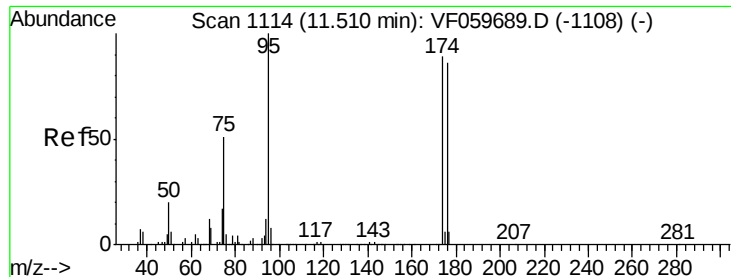
100 63.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

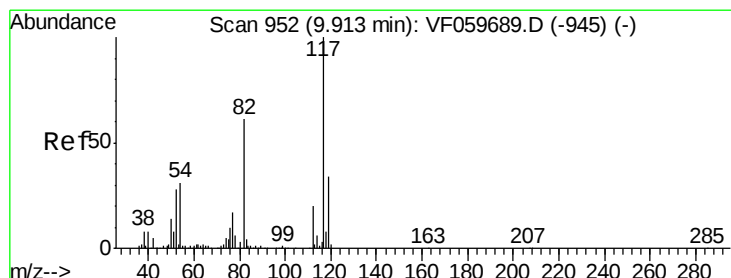
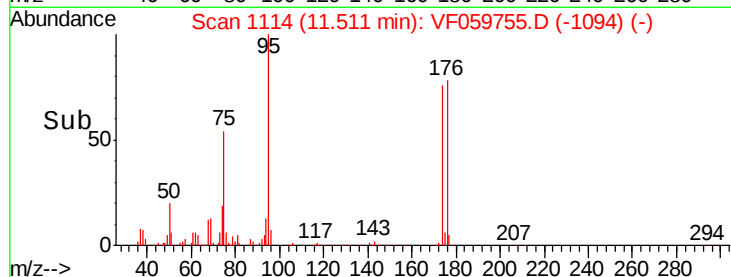
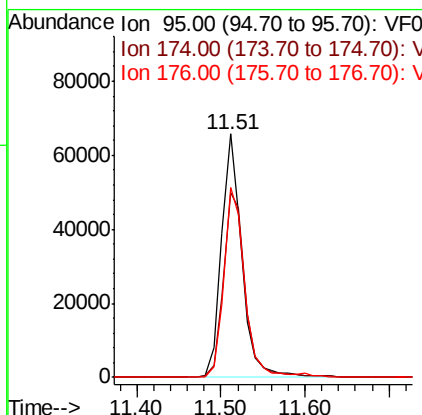
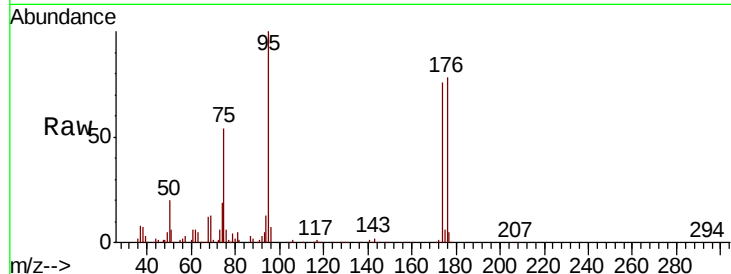




#62
4-Bromofluorobenzene
Concen: 30.14 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059755.D
Acq: 1 Aug 2018 15:11

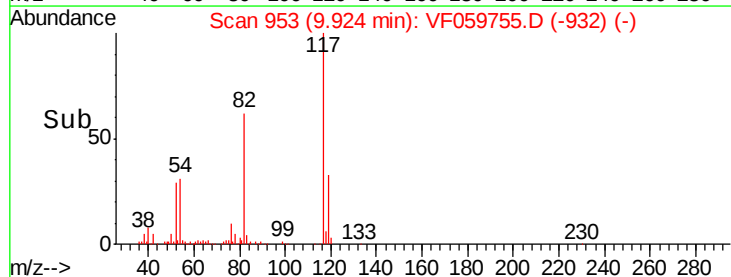
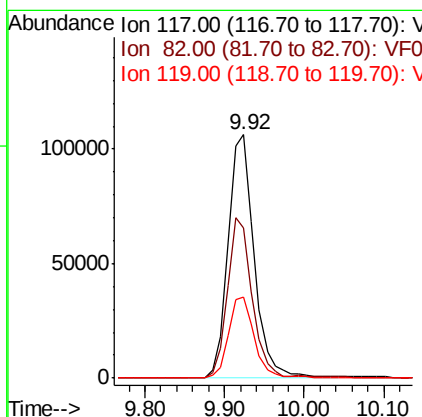
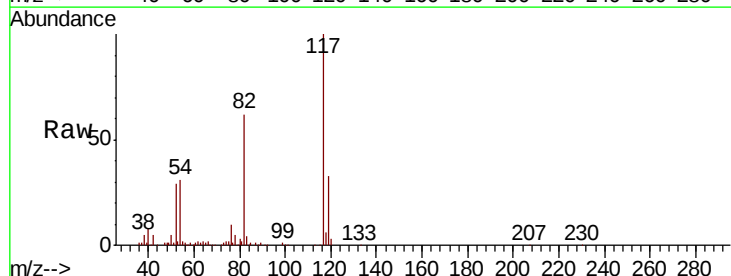
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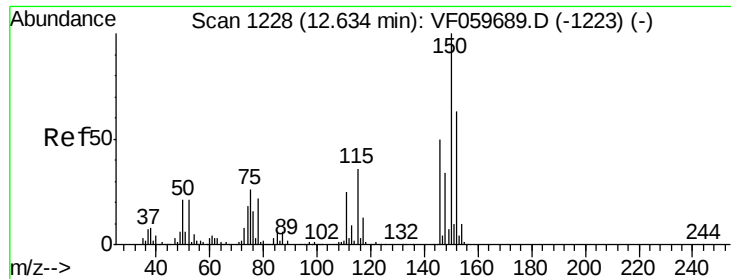
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.9	0.0	178.4
176	77.7	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059755.D
Acq: 1 Aug 2018 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.7	49.0	73.4
119	33.1	27.3	40.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059755.D

Acq: 1 Aug 2018 15:11

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-E

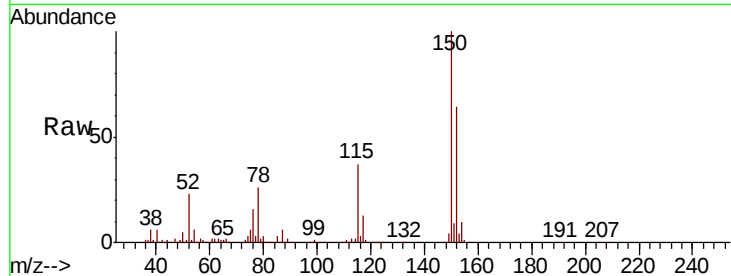
Tot Ion:152 Resp: 134389

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.6

150 155.1 0.0 316.2



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

