

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059734.D
 Acq On : 1 Aug 2018 4:35
 Operator : VA/AP
 Sample : J3825-11
 Misc : 5.40g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: Aug 01 08:19:00 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	147881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	218279	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	189759	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	98342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	168804	63.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.02%	
35) Dibromofluoromethane	4.29	113	136320	60.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.26%	
50) Toluene-d8	7.71	98	232383	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
62) 4-Bromofluorobenzene	11.52	95	115202	39.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.72%	

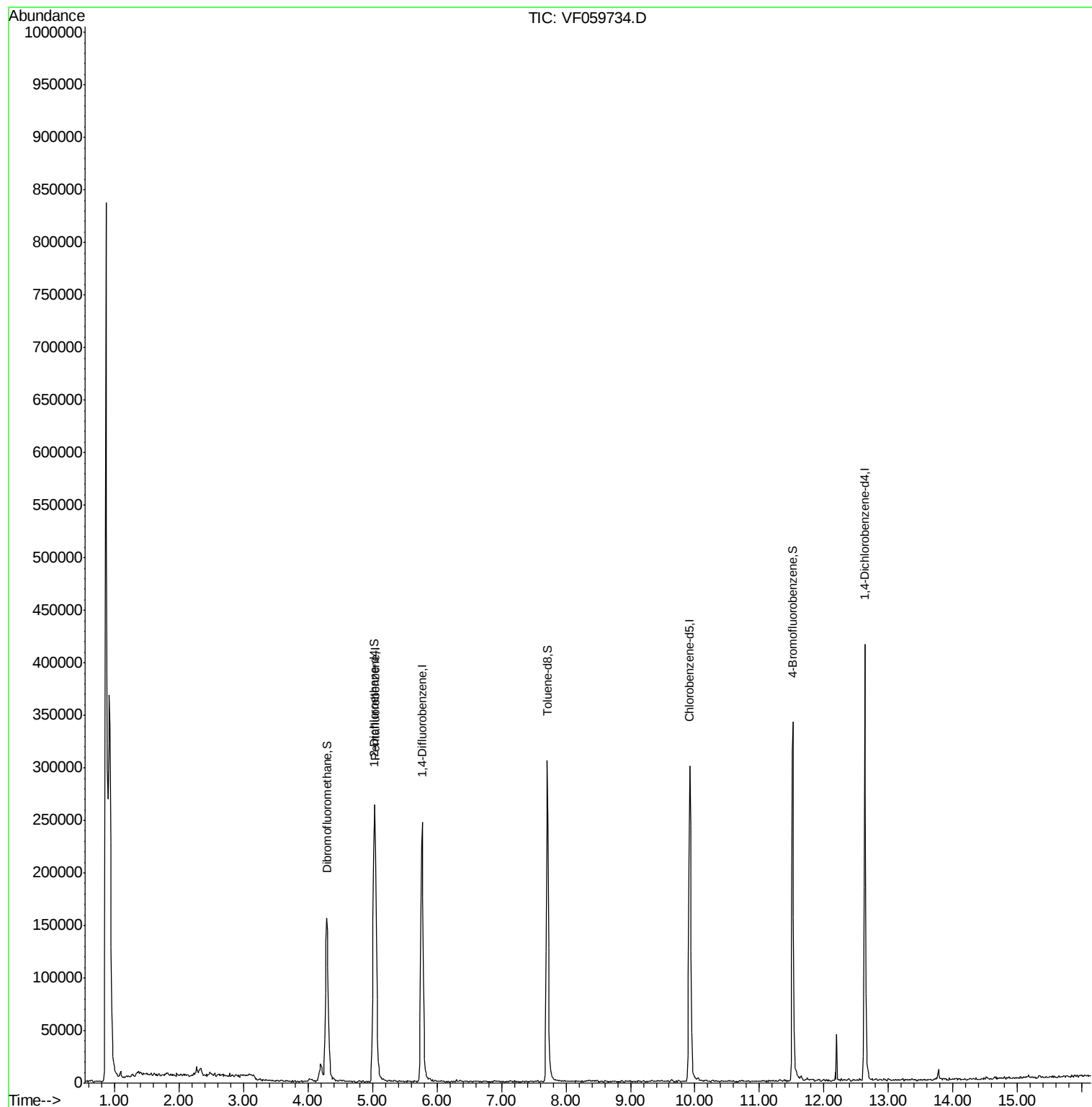
Target Compounds	Qvalue

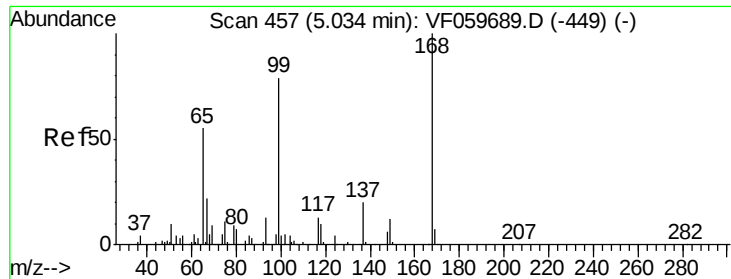
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.01 min

Lab File: VF059734.D

Acq: 1 Aug 2018 4:35

Instrument :

MSVOA_F

ClientSampleId :

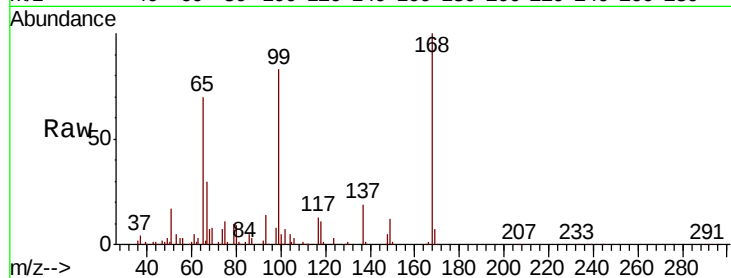
CL-01-073018-A

Tot Ion:168 Resp: 147881

Ion Ratio Lower Upper

168 100

99 82.6 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

40000

30000

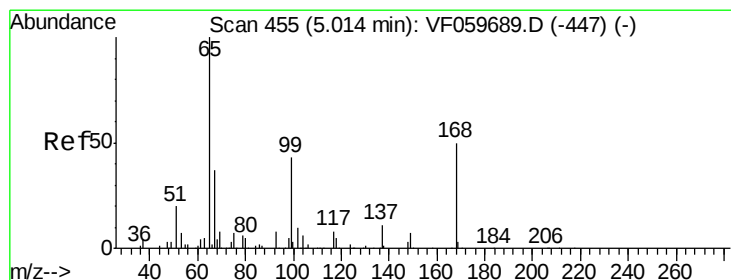
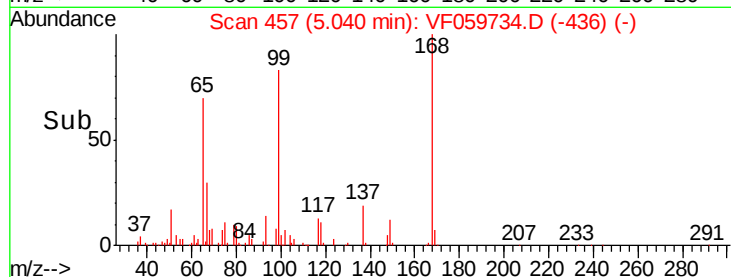
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 63.515 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.01 min

Lab File: VF059734.D

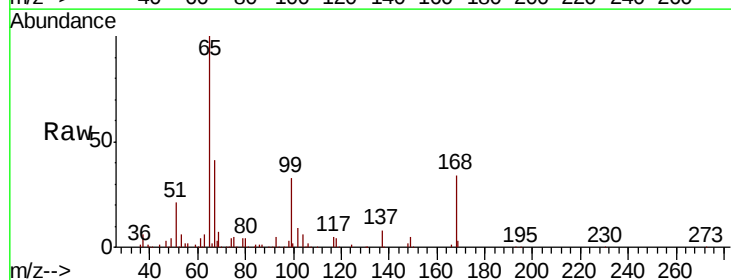
Acq: 1 Aug 2018 4:35

Tgt Ion: 65 Resp: 168804

Ion Ratio Lower Upper

65 100

67 40.5 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

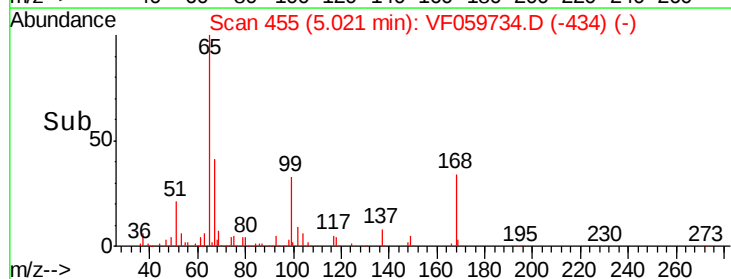
40000

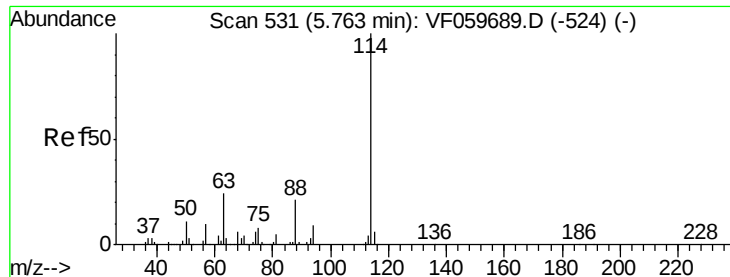
20000

0

4.90 5.00 5.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 531

Delta R.T. 0.01 min

Lab File: VF059734.D

Acq: 1 Aug 2018 4:35

Instrument :

MSVOA_F

ClientSampleId :

CL-01-073018-A

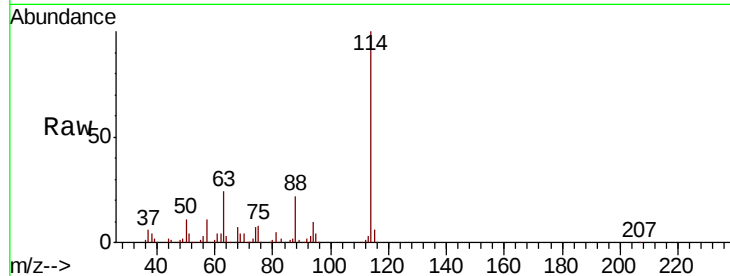
Tot Ion:114 Resp: 218279

Ion Ratio Lower Upper

114 100

63 23.9 0.0 47.4

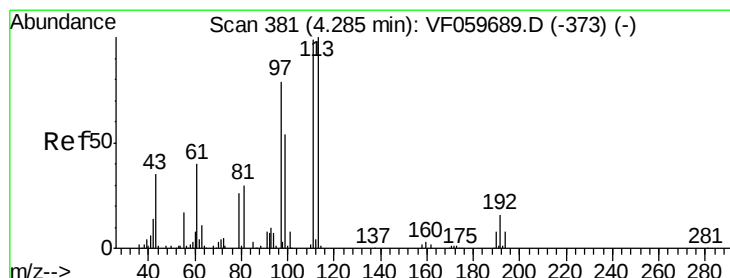
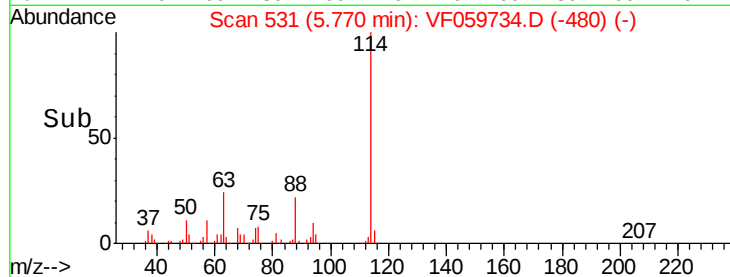
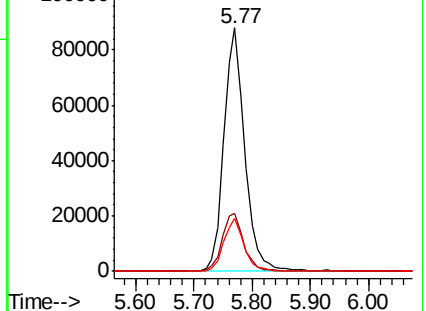
88 21.9 0.0 41.2



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: 60.128 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.01 min

Lab File: VF059734.D

Acq: 1 Aug 2018 4:35

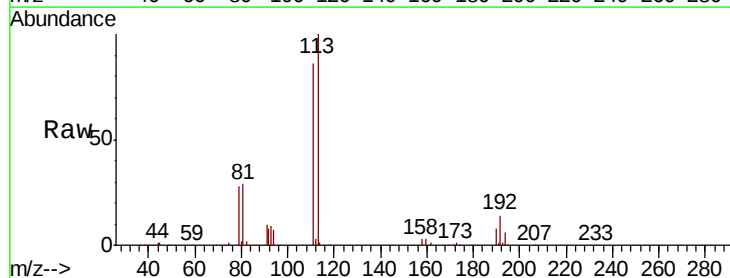
Tgt Ion:113 Resp: 136320

Ion Ratio Lower Upper

113 100

111 86.3 79.0 118.4

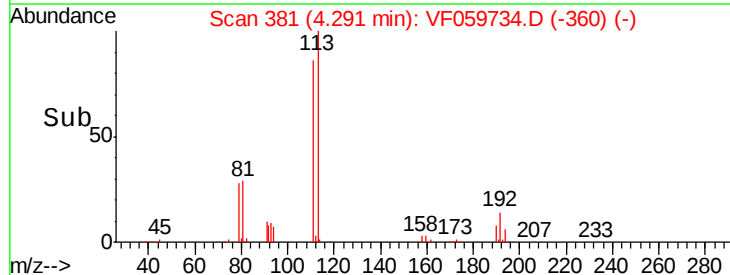
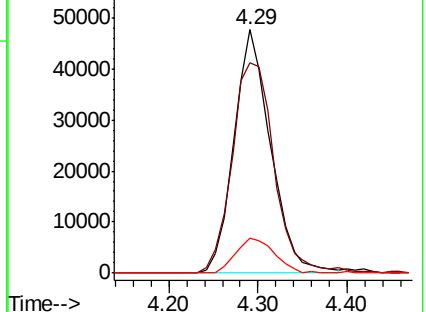
192 14.4 13.2 19.8

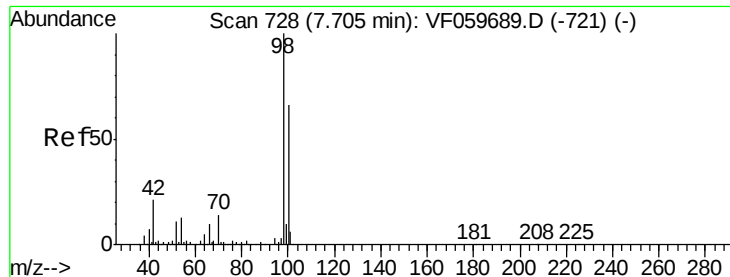


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

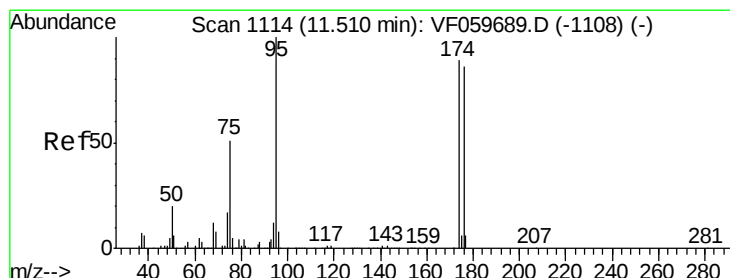
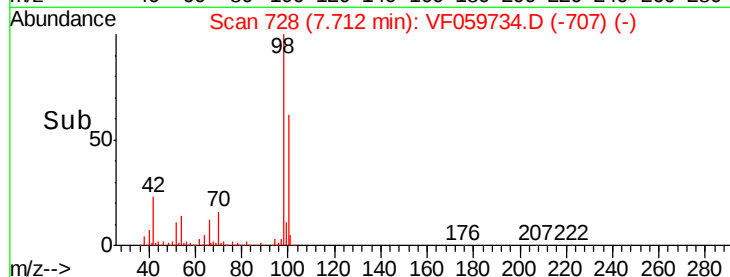
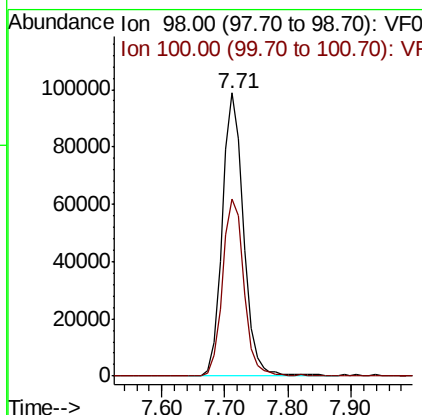
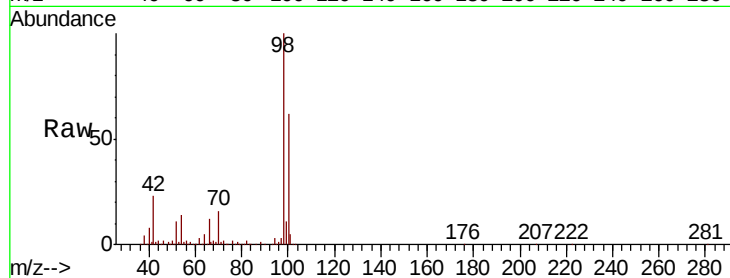




#50
Toluene-d8
Concen: 43.954 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF059734.D
Acq: 1 Aug 2018 4:35

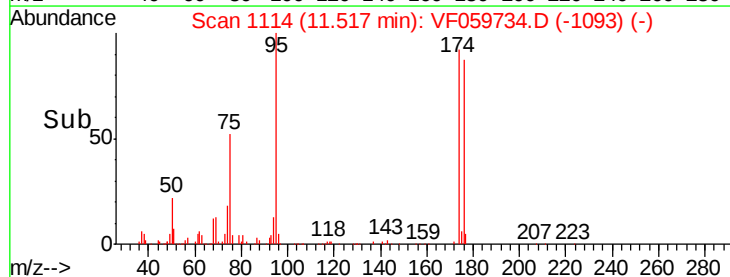
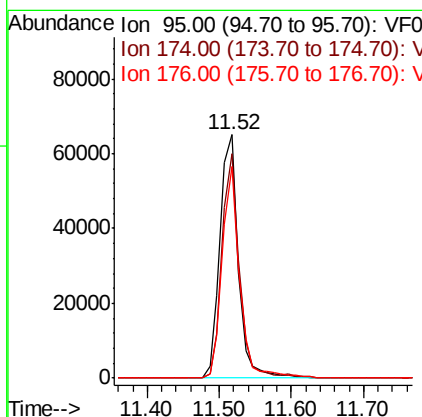
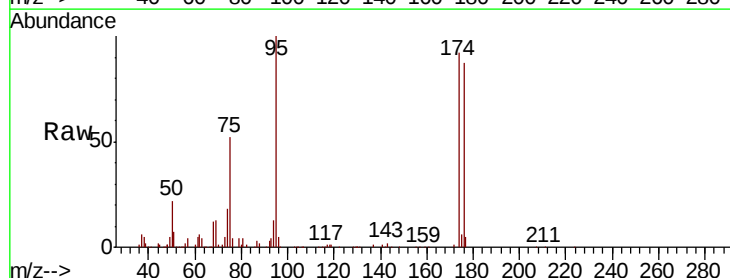
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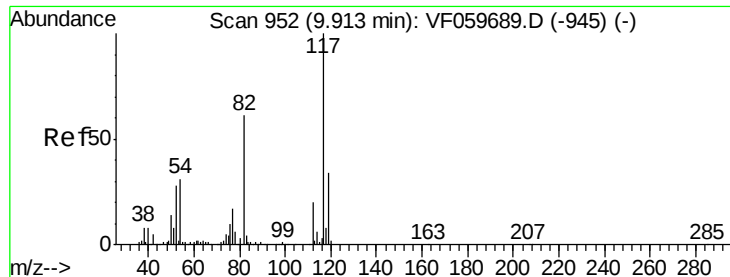
Tot Ion: 98 Resp: 232383
Ion Ratio Lower Upper
98 100
100 62.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 39.360 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059734.D
Acq: 1 Aug 2018 4:35

Tgt Ion: 95 Resp: 115202
Ion Ratio Lower Upper
95 100
174 92.3 0.0 178.4
176 86.9 0.0 173.0

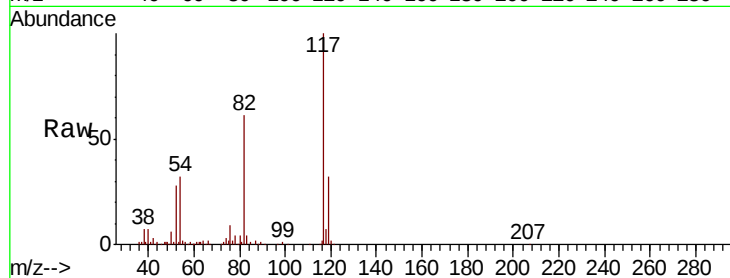




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.01 min
Lab File: VF059734.D
Acq: 1 Aug 2018 4:35

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.9	49.0	73.4
119	32.4	27.3	40.9

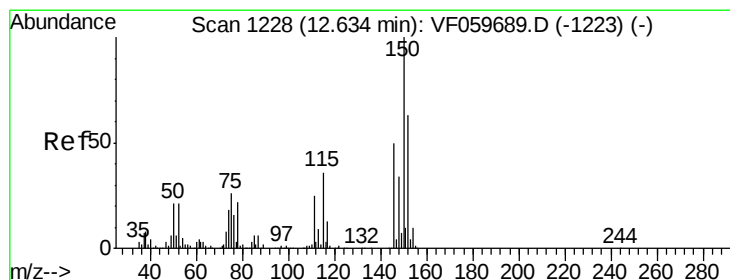
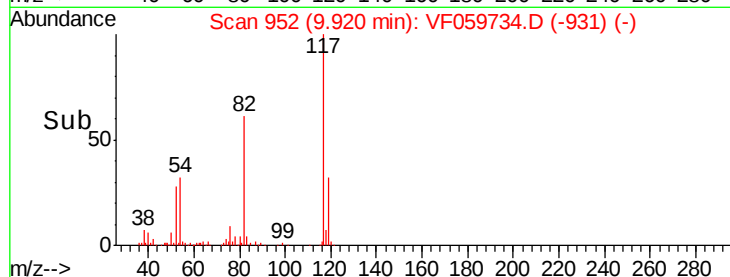
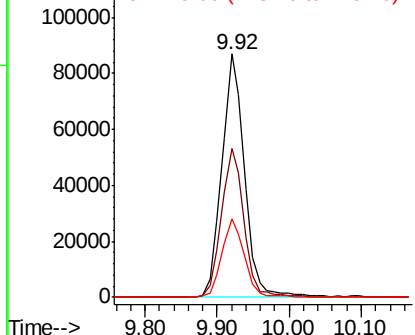


Abundance

Ion 117.00 (116.70 to 117.70): V

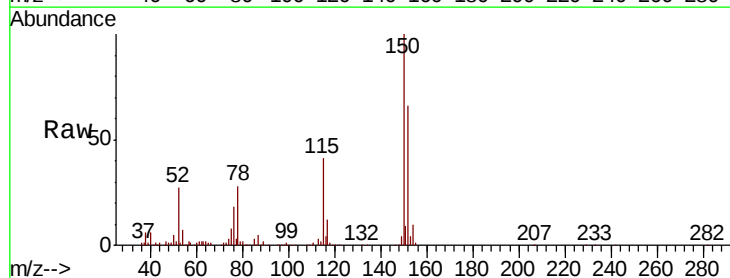
Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.00 min
Lab File: VF059734.D
Acq: 1 Aug 2018 4:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.2	84.6
150	150.7	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

