

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF070318\
 Data File : VF059415.D
 Acq On : 3 Jul 2018 16:40
 Operator : VA/AP
 Sample : J3245-17
 Misc : 6.16g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 CL-01-062918-A

Quant Time: Jul 04 01:35:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F062518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 26 08:45:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	240834	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.74	114	354351	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	339834	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	168478	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	169138	54.36	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	108.72%	
35) Dibromofluoromethane	4.26	113	147551	56.99	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	113.98%	
50) Toluene-d8	7.68	98	312836	48.80	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.48	95	158790	43.91	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.82%	

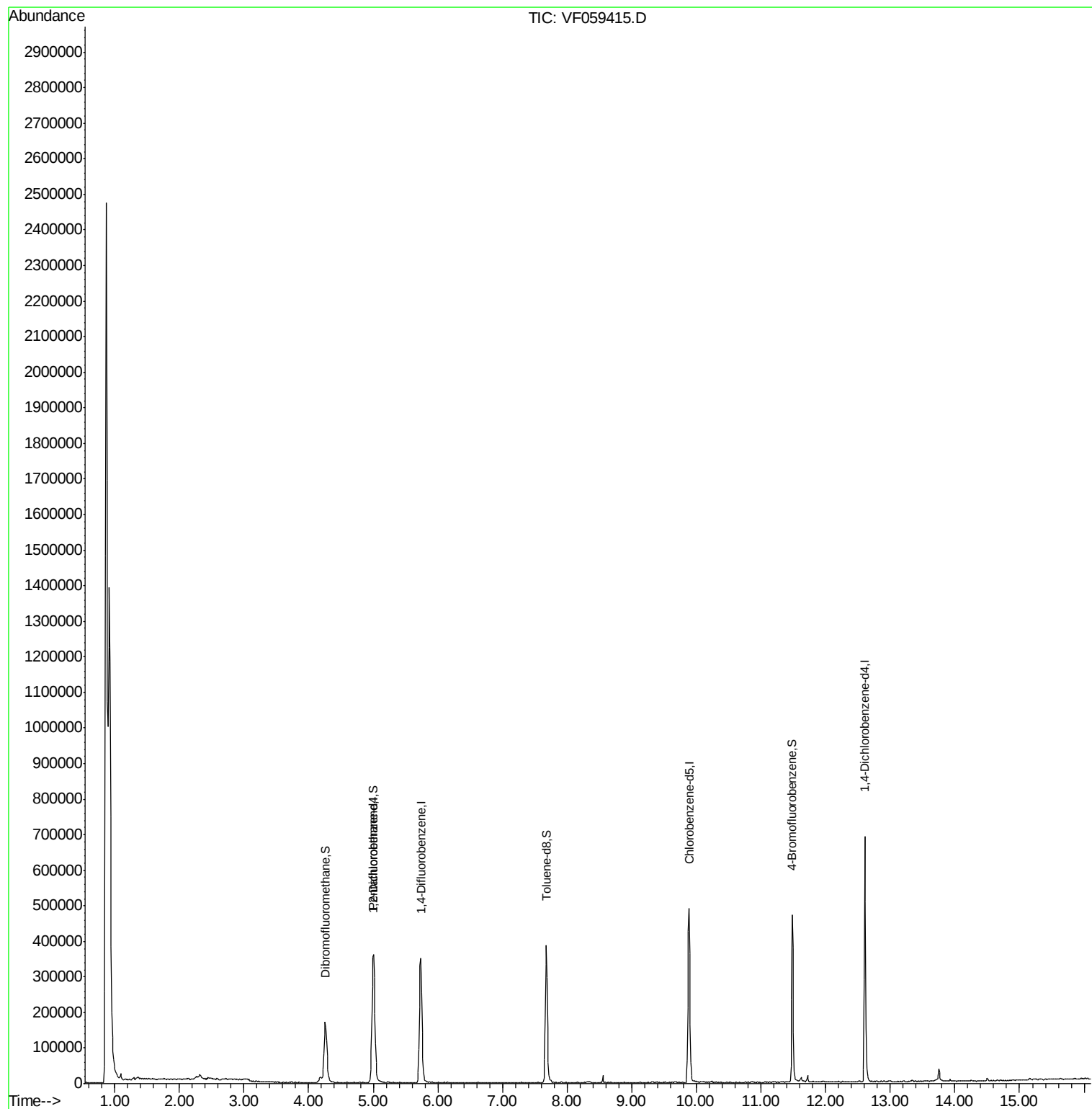
Target Compounds	Qvalue

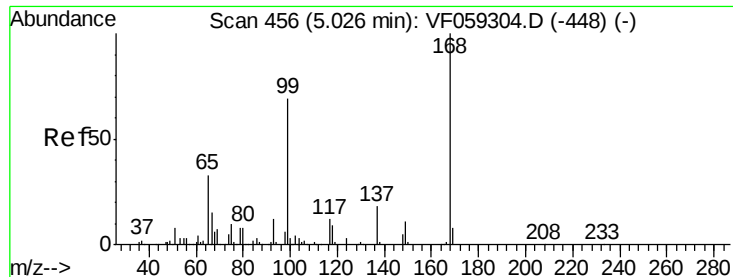
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.01 min Scan# 454

Delta R.T. -0.02 min

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ClientSampleId :

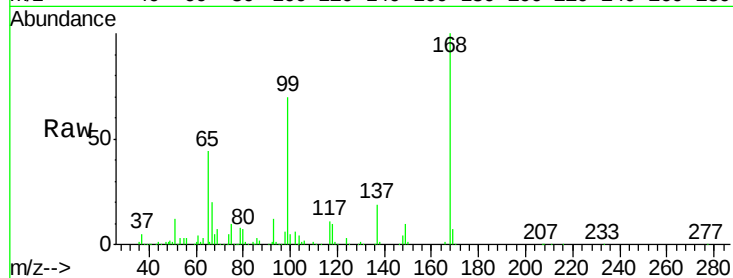
CL-01-062918-A

Tot Ion:168 Resp: 240834

Ion Ratio Lower Upper

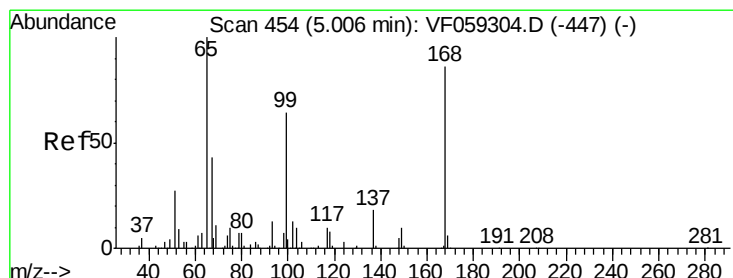
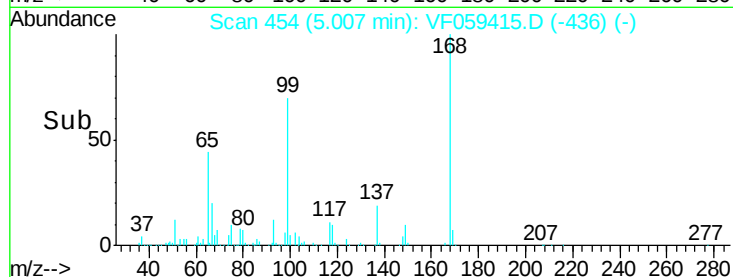
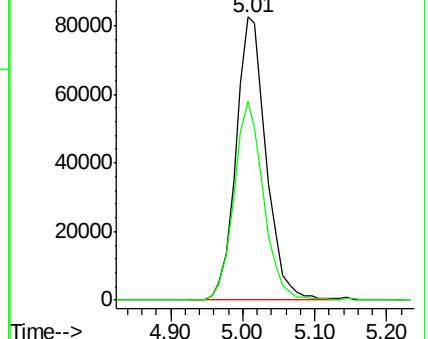
168 100

99 70.2 54.9 82.3



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: 54.358 ug/l

RT: 4.99 min Scan# 452

Delta R.T. -0.02 min

Lab File: VF059415.D

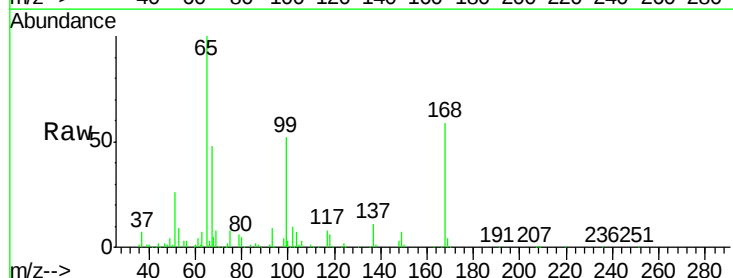
Acq: 3 Jul 2018 16:40

Tgt Ion: 65 Resp: 169138

Ion Ratio Lower Upper

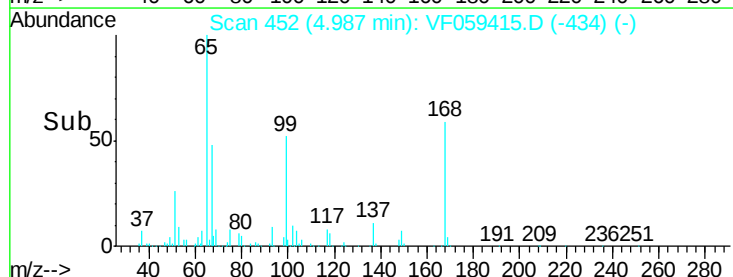
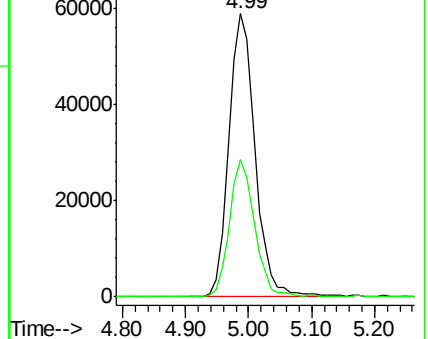
65 100

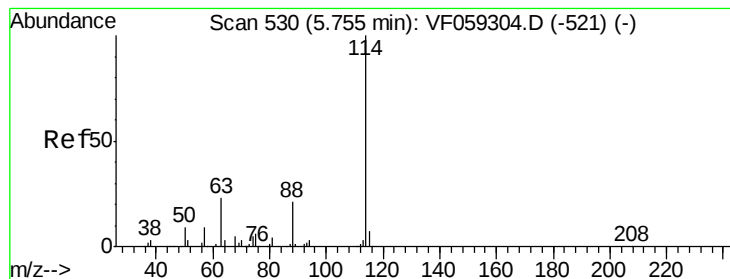
67 48.4 0.0 96.8



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: 5.74 min Scan# 528

Delta R.T. -0.02 min

Lab File: VF059415.D

Acq: 3 Jul 2018 16:40

Instrument :

MSVOA_F

ClientSampleId :

CL-01-062918-A

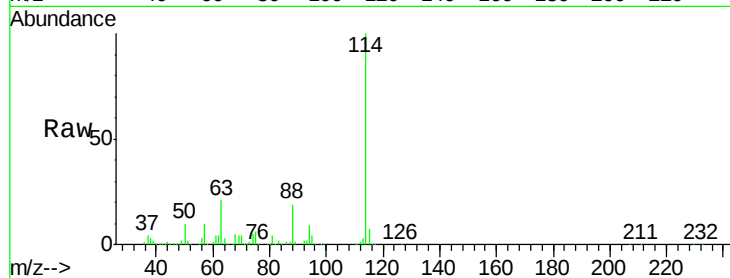
Tot Ion:114 Resp: 354351

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.8

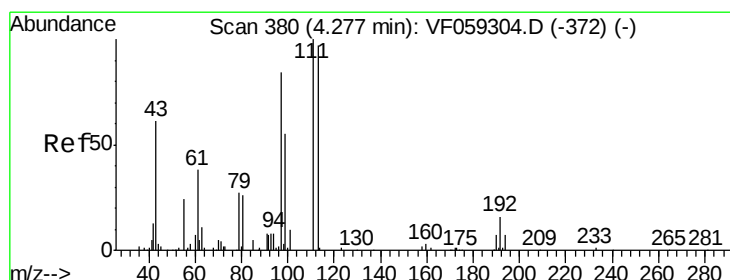
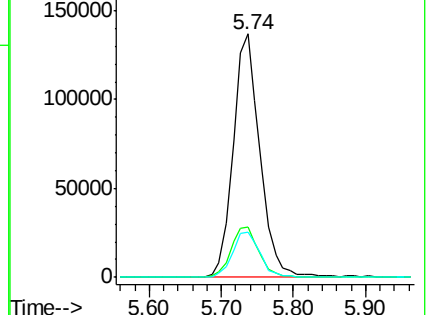
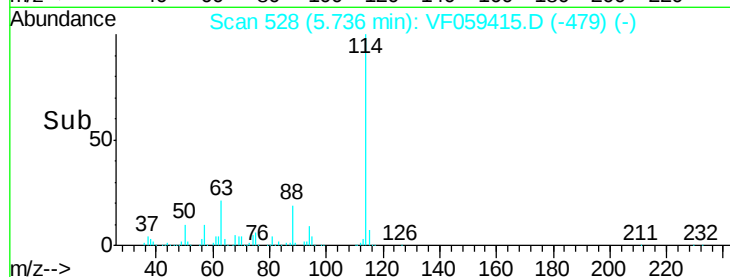
88 18.7 0.0 41.2



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: 56.989 ug/l

RT: 4.26 min Scan# 378

Delta R.T. -0.02 min

Lab File: VF059415.D

Acq: 3 Jul 2018 16:40

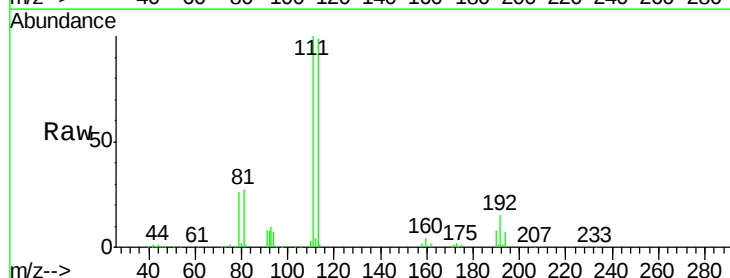
Tgt Ion:113 Resp: 147551

Ion Ratio Lower Upper

113 100

111 100.7 82.1 123.1

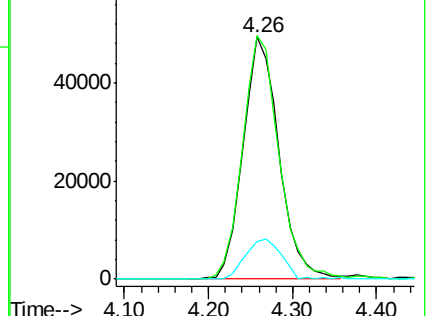
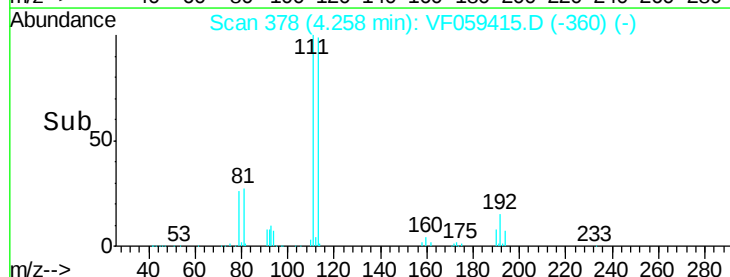
192 15.3 13.0 19.6



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

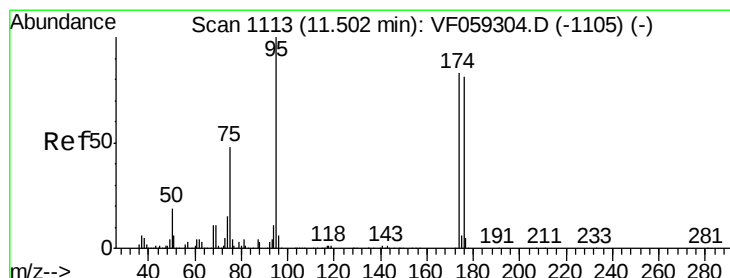
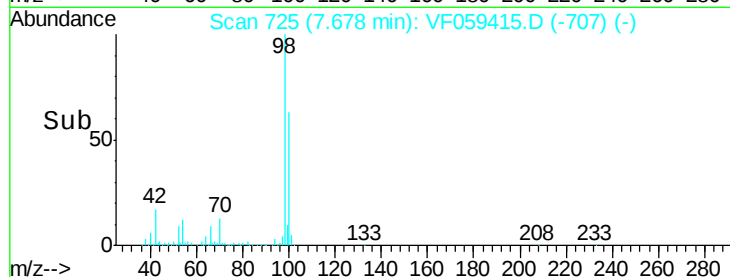
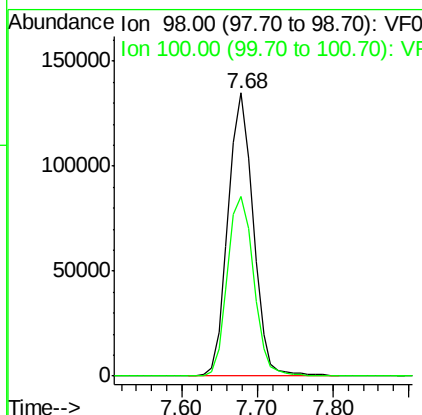
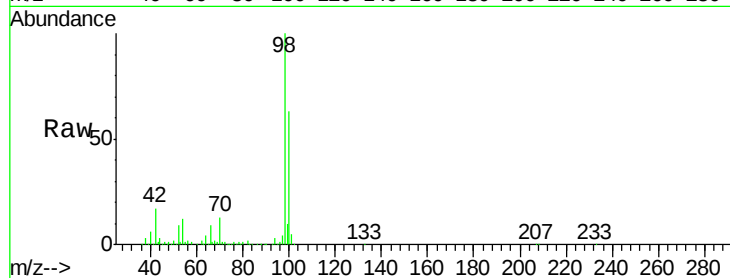




#50
Toluene-d8
Concen: 48.801 ug/l
RT: 7.68 min Scan# 725
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

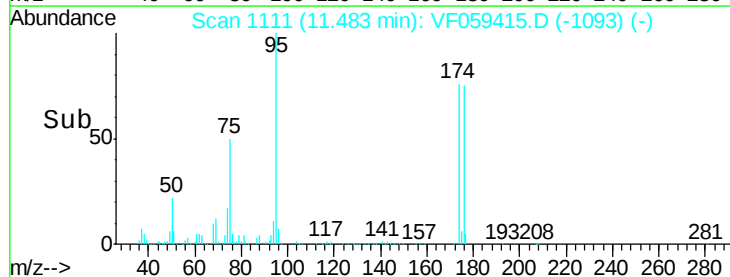
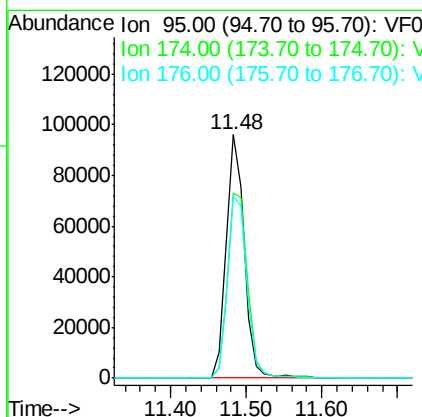
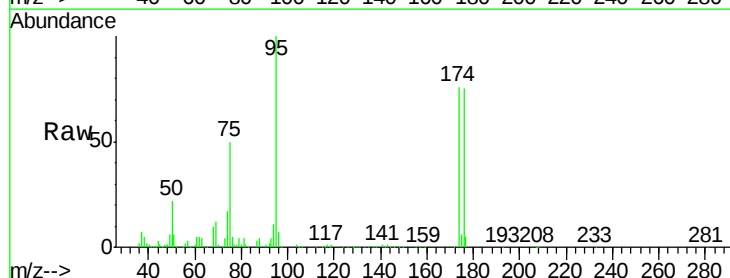
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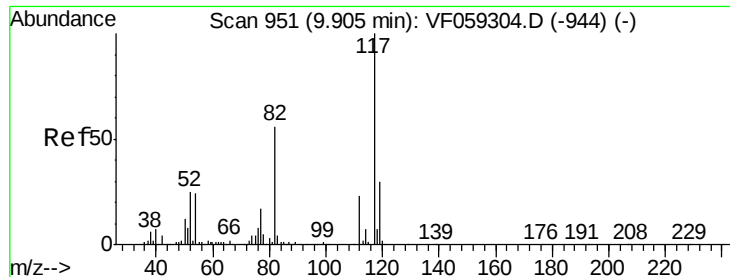
Tot Ion: 98 Resp: 312836
Ion Ratio Lower Upper
98 100
100 63.5 54.6 82.0



#62
4-Bromofluorobenzene
Concen: 43.912 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion: 95 Resp: 158790
Ion Ratio Lower Upper
95 100
174 76.1 0.0 165.2
176 74.9 0.0 161.0

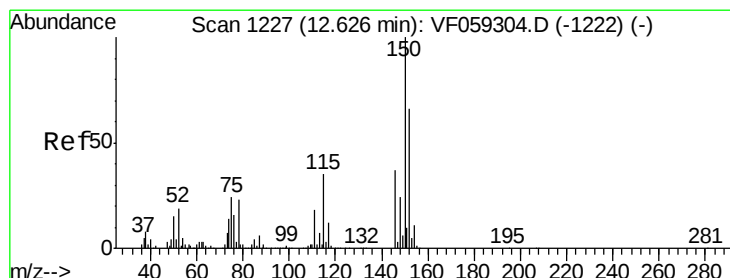
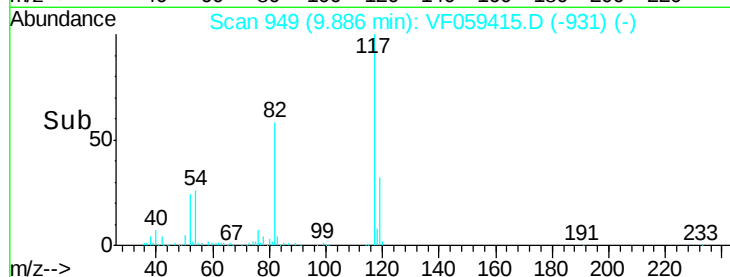
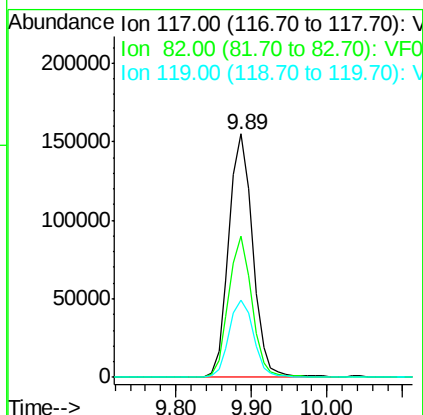
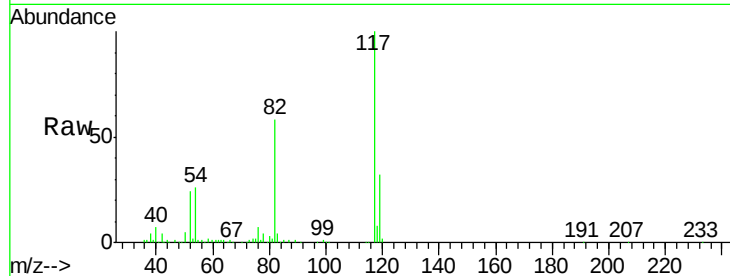




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Instrument :
MSVOA_F
ClientSampleId :
CL-01-062918-A

Tot Ion:117 Resp: 339834
Ion Ratio Lower Upper
117 100
82 58.2 44.6 66.8
119 31.9 24.1 36.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF059415.D
Acq: 3 Jul 2018 16:40

Tgt Ion:152 Resp: 168478
Ion Ratio Lower Upper
152 100
115 62.4 27.1 81.3
150 152.9 0.0 305.2

