

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059495.D
 Acq On : 10 Jul 2018 20:15
 Operator : VA/AP
 Sample : J3880-04RE
 Misc : 4.69g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-12RE

Quant Time: Jul 11 01:45:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 06:35:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	2047	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.74	114	2119	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.89	117	1374	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	522	14.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	29.32%	
35) Dibromofluoromethane	4.29	113	530	26.07	ug/l	0.03
Spiked Amount 50.000			Recovery	=	52.14%	
50) Toluene-d8	7.70	98	1524	31.86	ug/l	0.02
Spiked Amount 50.000			Recovery	=	63.72%	
62) 4-Bromofluorobenzene	11.49	95	493	18.48	ug/l	0.01
Spiked Amount 50.000			Recovery	=	36.96%	

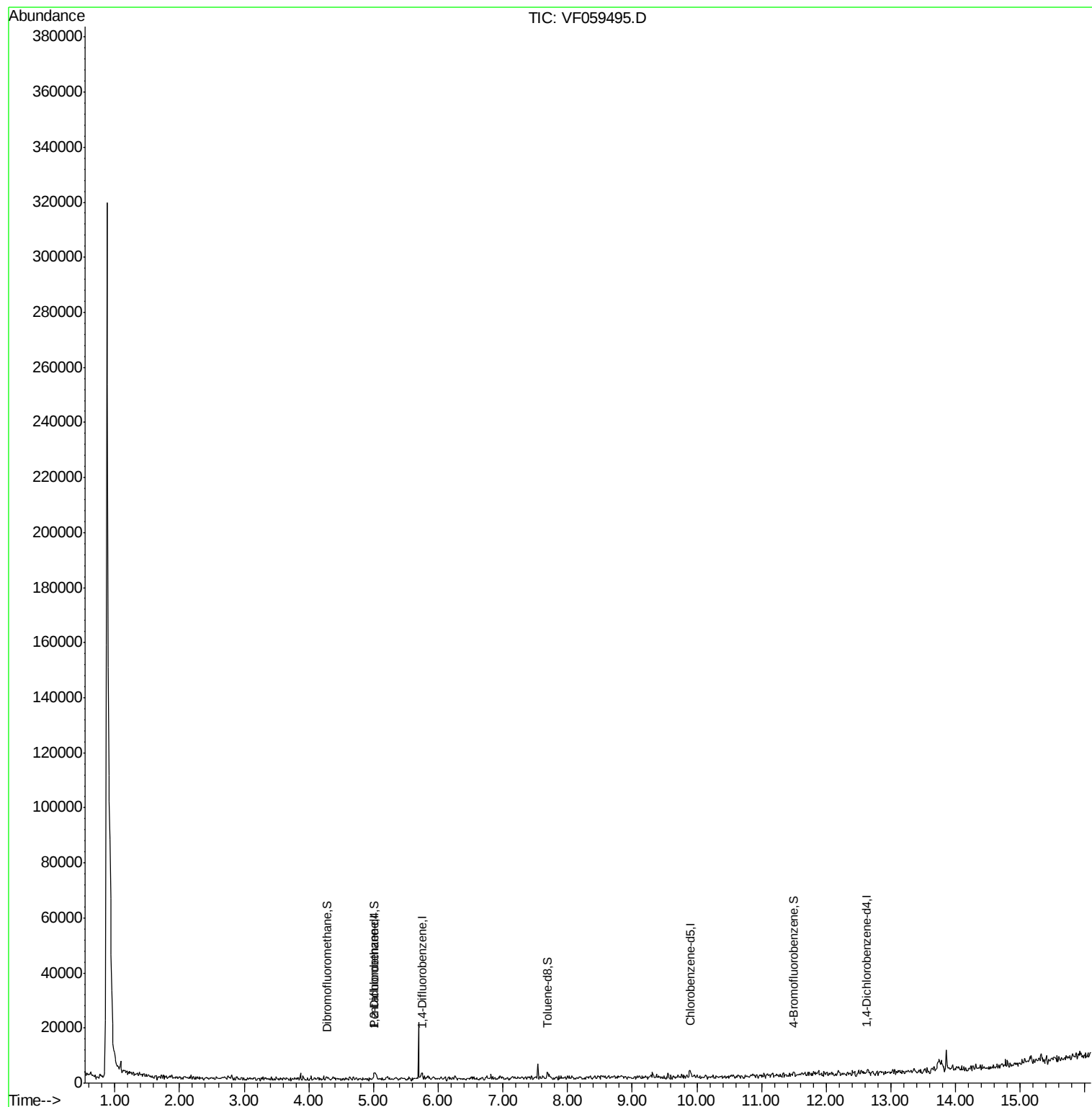
Target Compounds	Qvalue
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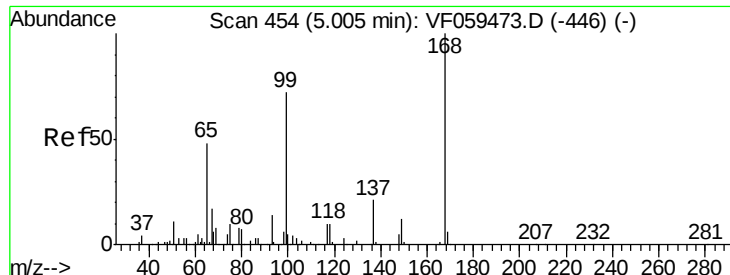
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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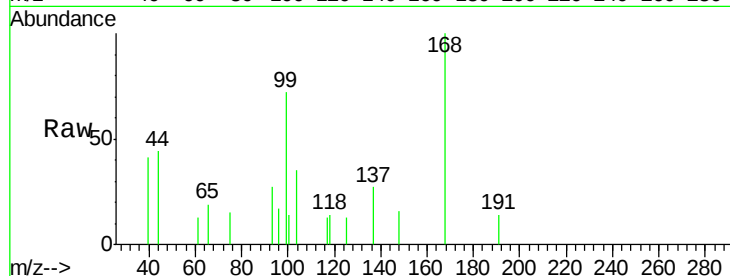




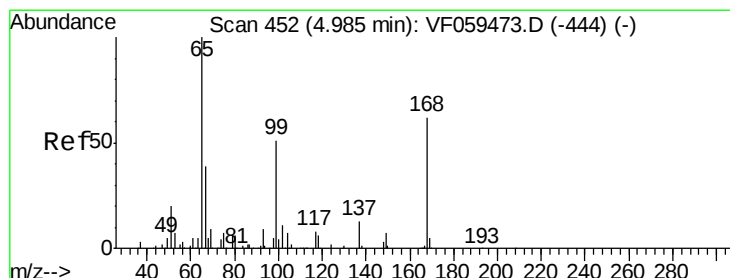
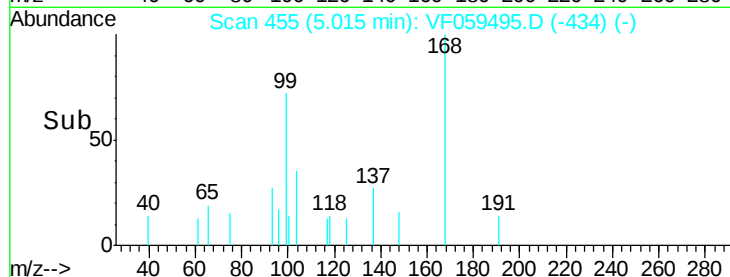
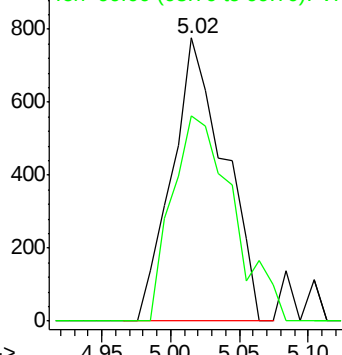
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.02 min Scan# 455
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-12RE

Tot Ion:168 Resp: 2047
Ion Ratio Lower Upper
168 100
99 72.4 57.7 86.5

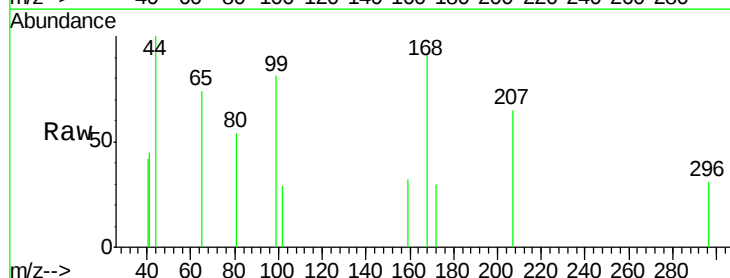


Abundance Ion 168.00 (167.70 to 168.70): V

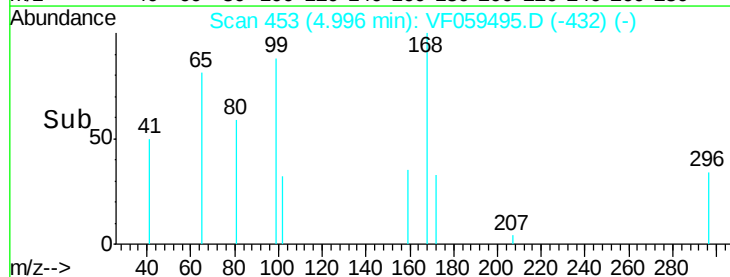
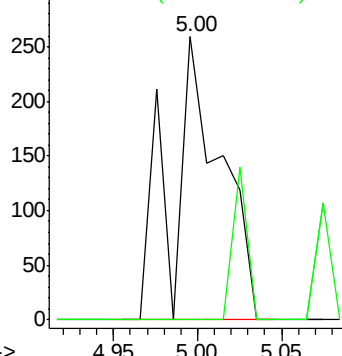


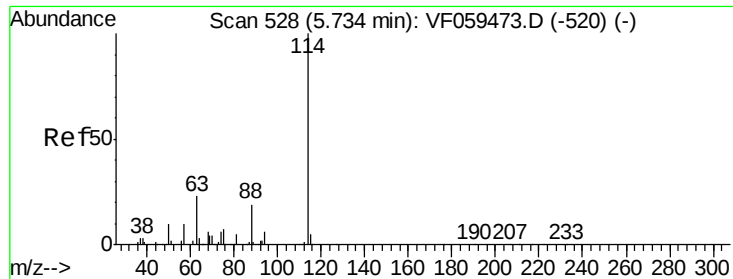
#33
1,2-Dichloroethane-d4
Concen: 14.66 ug/l
RT: 5.00 min Scan# 453
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 65 Resp: 522
Ion Ratio Lower Upper
65 100
67 0.0 0.0 88.6



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.74 min Scan# 529

Delta R.T. 0.01 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-12RE

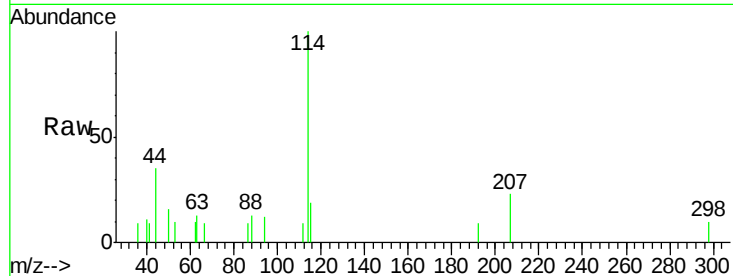
Tot Ion:114 Resp: 2119

Ion Ratio Lower Upper

114 100

63 12.6 0.0 47.2

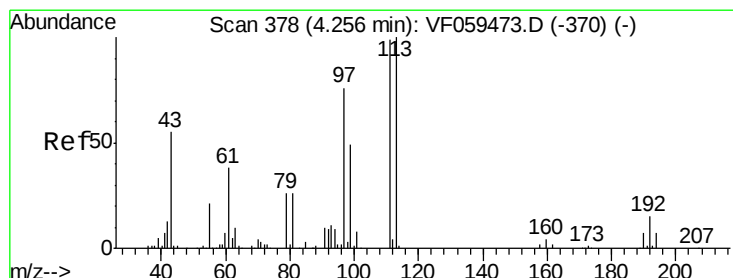
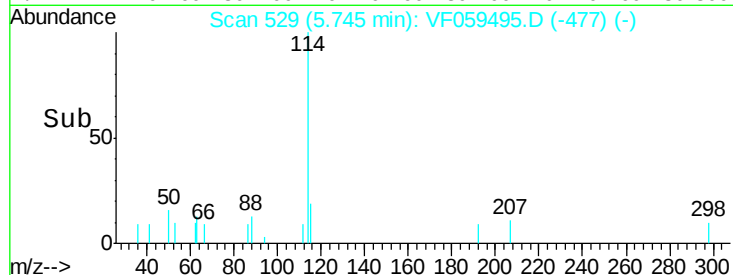
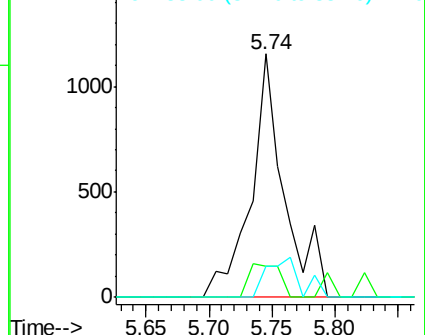
88 13.0 0.0 38.0



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: 26.07 ug/l

RT: 4.29 min Scan# 381

Delta R.T. 0.03 min

Lab File: VF059495.D

Acq: 10 Jul 2018 20:15

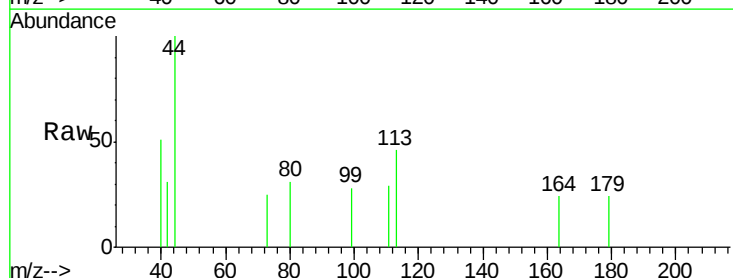
Tgt Ion:113 Resp: 530

Ion Ratio Lower Upper

113 100

111 62.7 79.3 118.9#

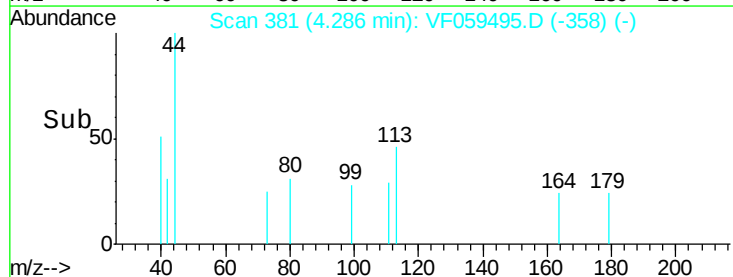
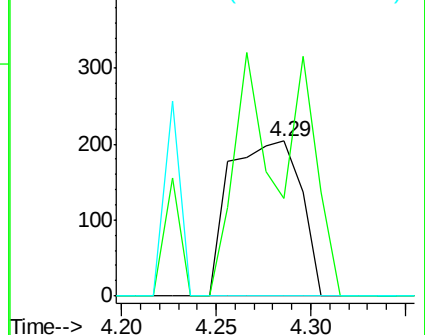
192 0.0 12.0 18.0#

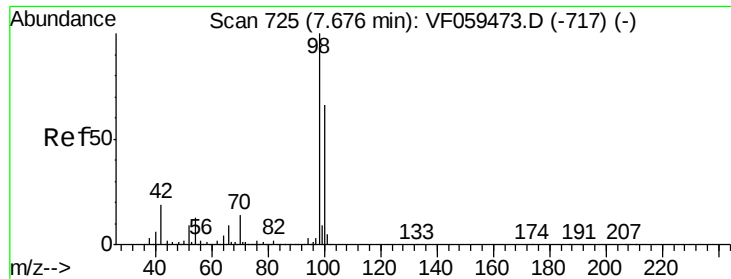


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

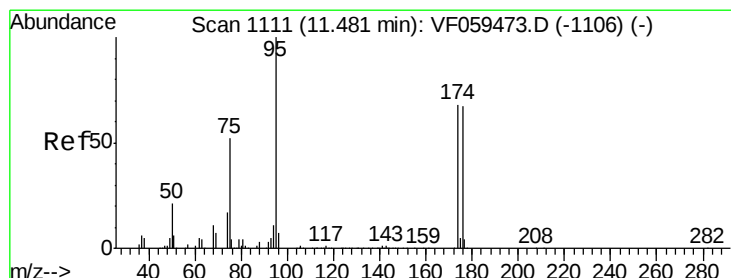
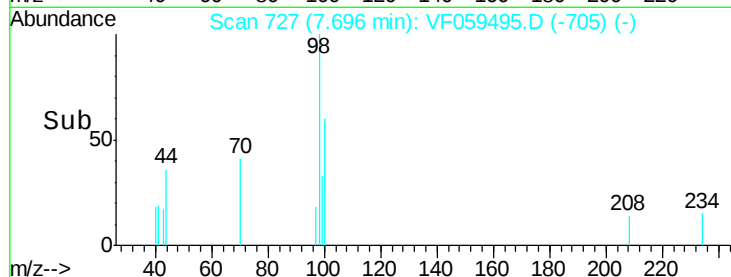
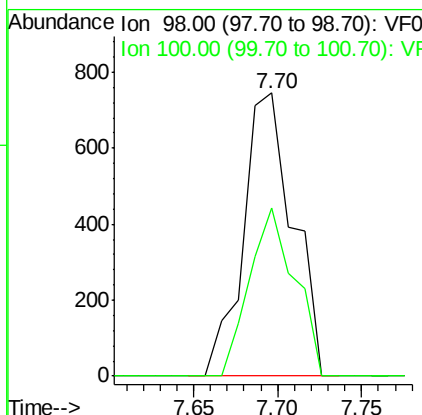
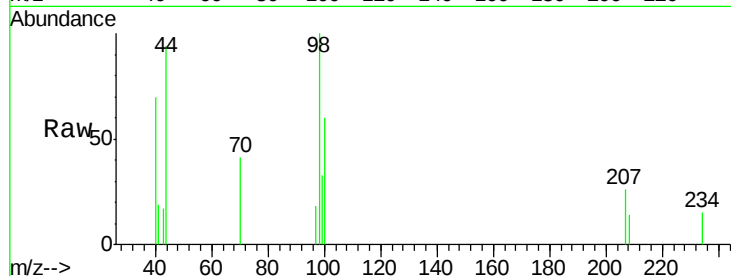




#50
Toluene-d8
Concen: 31.86 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.02 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

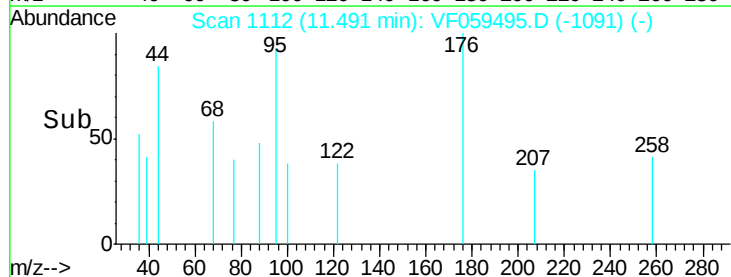
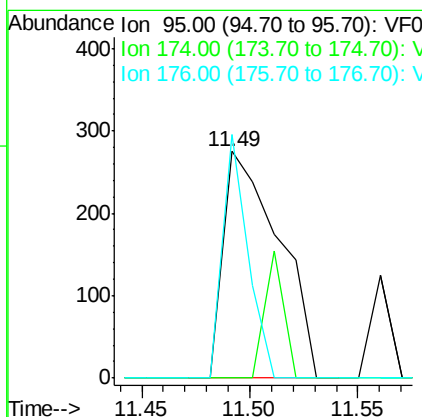
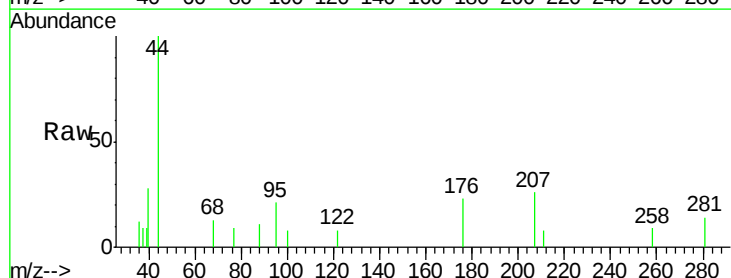
Instrument :
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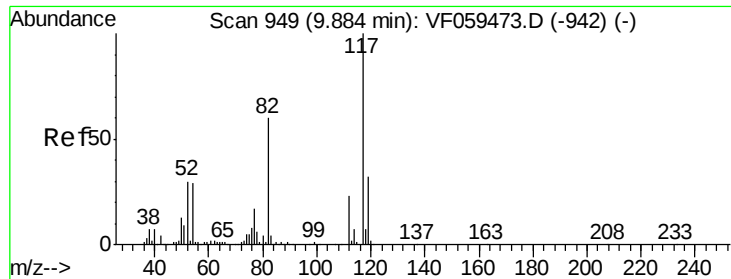
Tot Ion: 98 Resp: 1524
Ion Ratio Lower Upper
98 100
100 59.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 18.48 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion: 95 Resp: 493
Ion Ratio Lower Upper
95 100
174 0.0 0.0 137.0
176 107.6 0.0 133.8

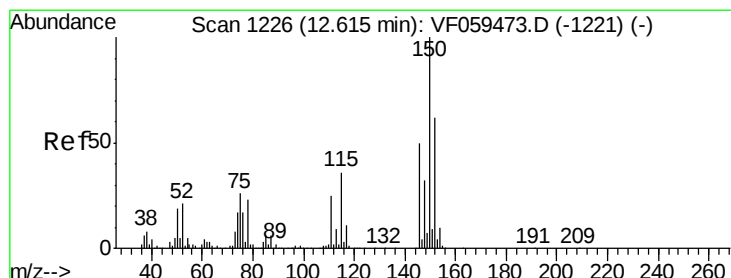
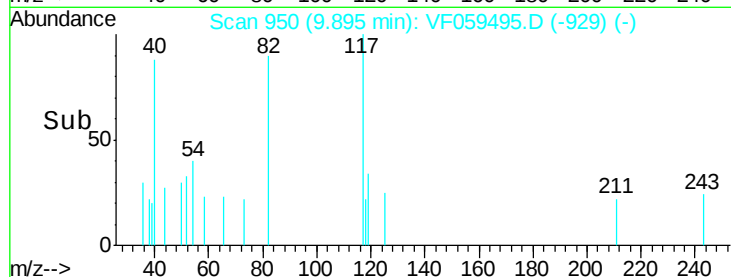
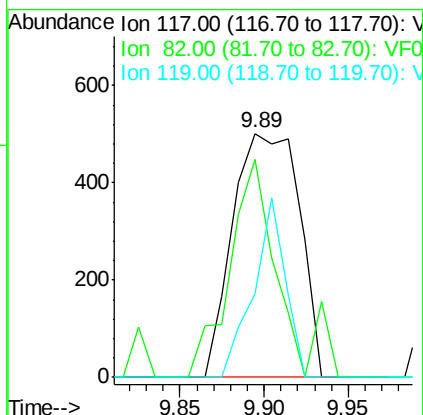
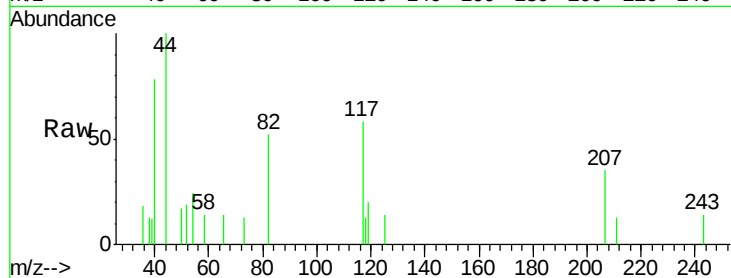




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.89 min Scan# 950
Delta R.T. 0.01 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-12RE

Tot Ion:117 Resp: 1374
Ion Ratio Lower Upper
117 100
82 89.6 48.2 72.4#
119 34.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF059495.D
Acq: 10 Jul 2018 20:15

Tgt Ion:152 Resp: 227
Ion Ratio Lower Upper
152 100
115 0.0 28.7 86.3#
150 73.2 0.0 323.8

