

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071018\
 Data File : VF059497.D
 Acq On : 10 Jul 2018 21:11
 Operator : VA/AP
 Sample : J3880-10RE
 Misc : 5.15g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-15RE

Manual Integrations
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Quant Time: Jul 11 01:49:23 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	5.03	168	193224	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.76	114	284091	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.90	117	246486	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	121658	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	120779	35.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.88%	
35) Dibromofluoromethane	4.28	113	105294	38.63	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.26%	
50) Toluene-d8	7.70	98	194173	30.28	ug/l	0.02
Spiked Amount 50.000			Recovery	=	60.56%	
62) 4-Bromofluorobenzene	11.50	95	96308	26.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	53.84%	
Target Compounds						
20) Methylene Chloride	2.31	84	8075m	1.50	ug/l	Qvalue

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

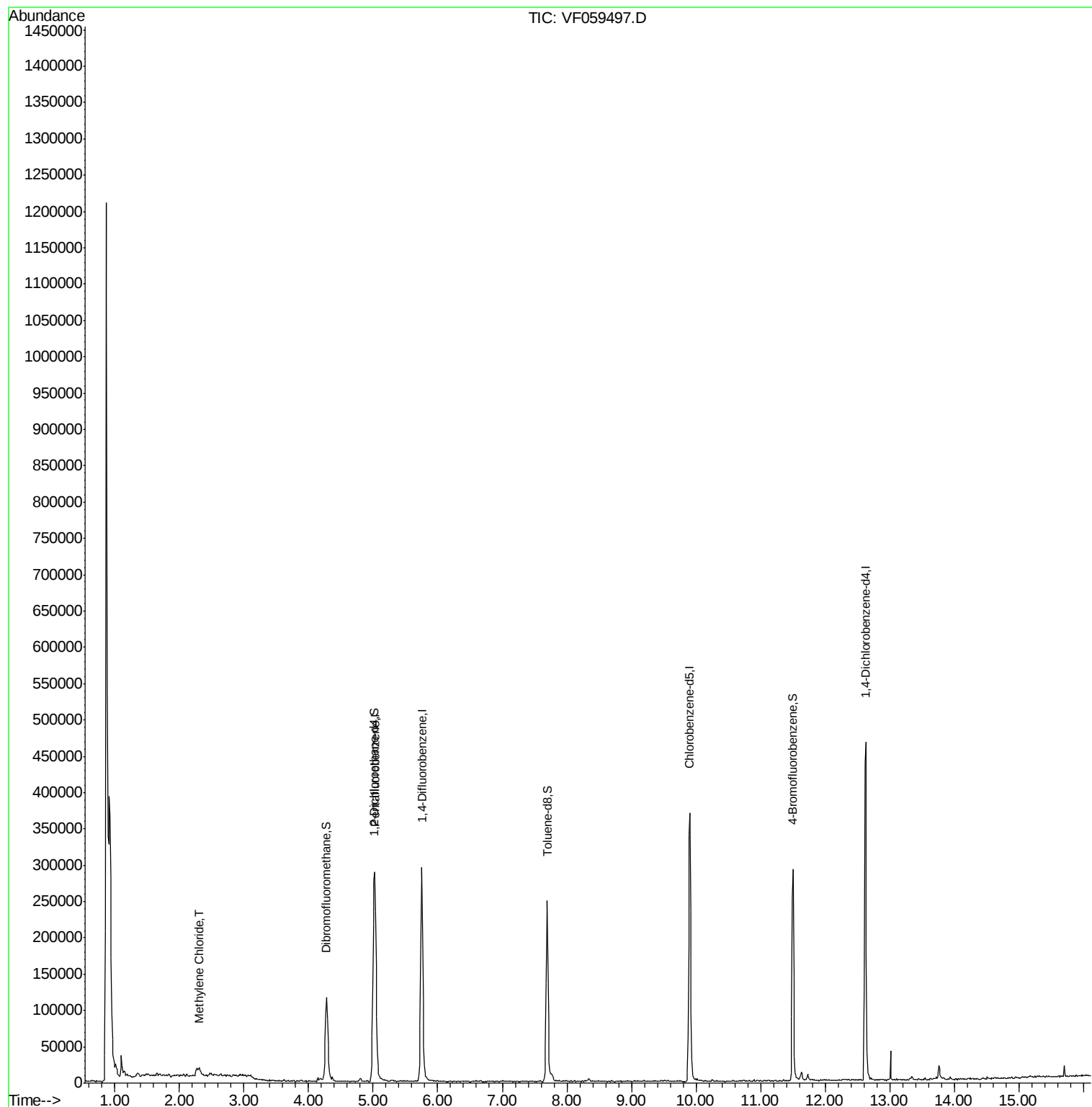
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF071018\
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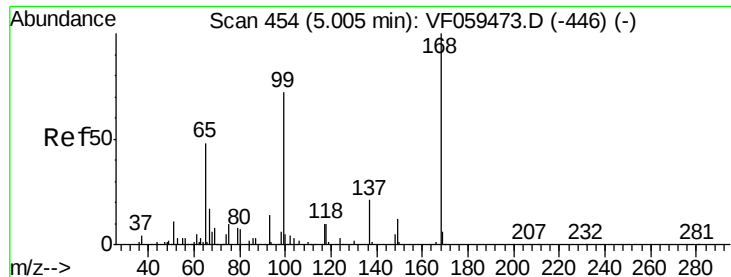
Instrument :
MSVOA_F
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#1

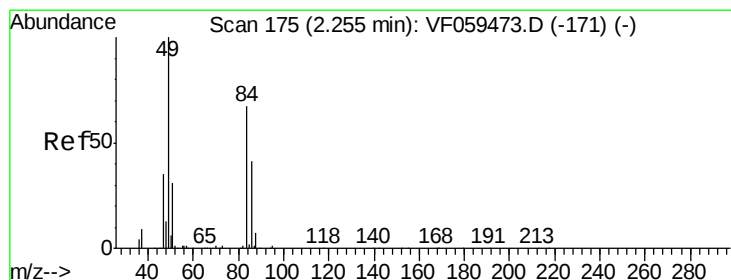
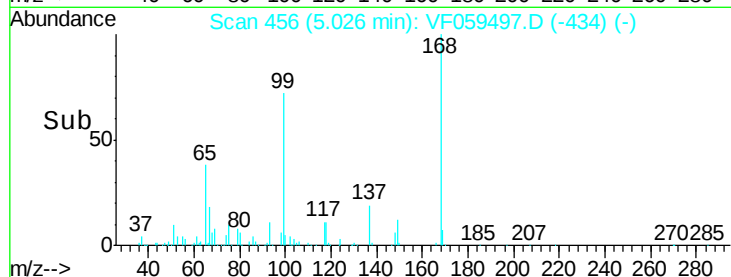
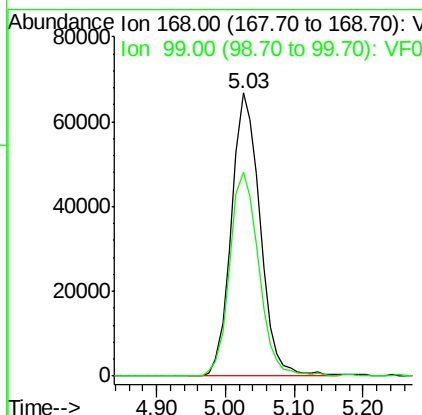
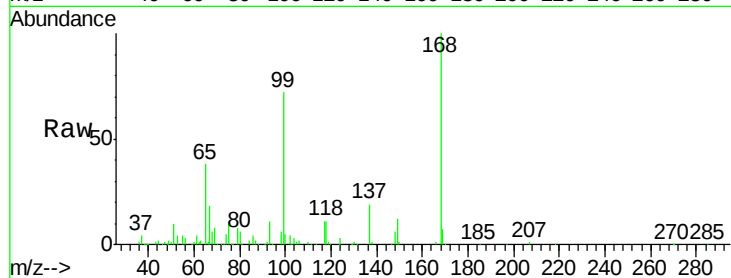
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.02 min
 Lab File: VF059497.D
 Acq: 10 Jul 2018 21:11

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-15RE

Tot Ion	Ratio	Lower	Upper
168	100		
99	72.3	57.7	86.5

Manual Integrations
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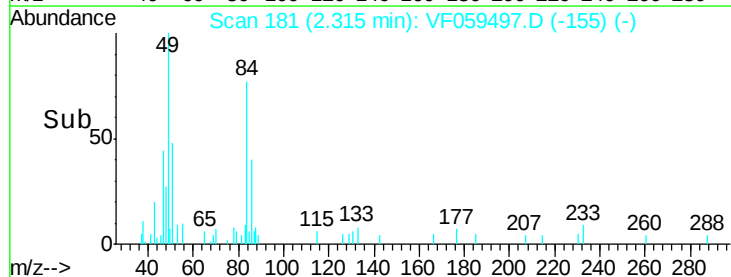
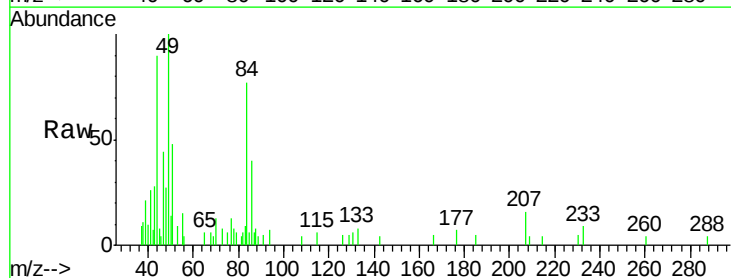
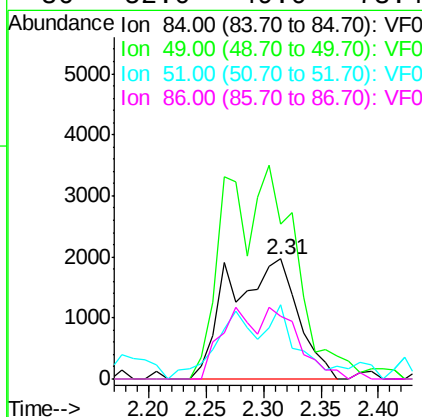
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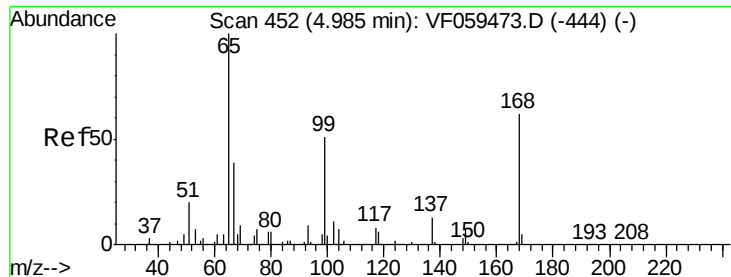


#20

Methylene Chloride
 Concen: 1.50 ug/l m
 RT: 2.31 min Scan# 181
 Delta R.T. 0.06 min
 Lab File: VF059497.D
 Acq: 10 Jul 2018 21:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.6	120.4	180.6
51	61.9	38.1	57.1
86	52.0	49.0	73.4





#33

1,2-Dichloroethane-d4

Concen: 35.94 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.02 min

Lab File: VF059497.D

Acq: 10 Jul 2018 21:11

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-15RE

Tot Ion: 65 Resp: 120779

Ion Ratio Lower Upper

65 100

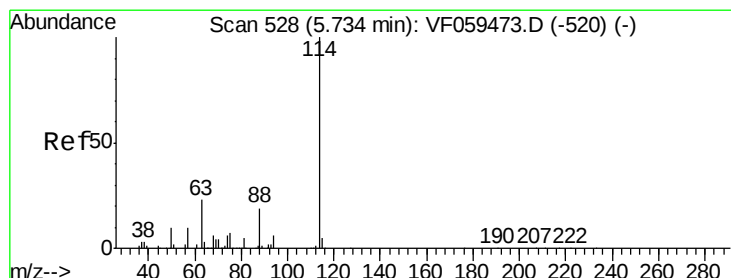
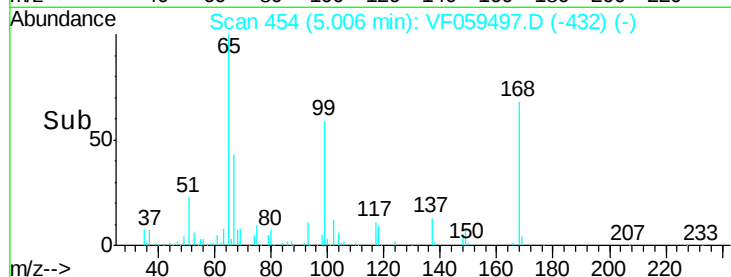
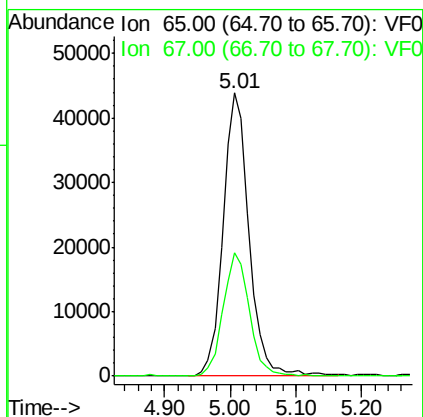
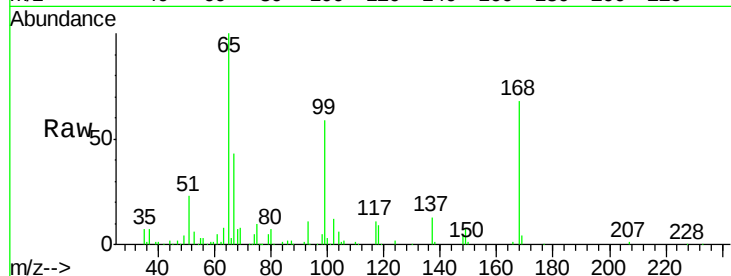
67 43.4 0.0 88.6

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.76 min Scan# 530

Delta R.T. 0.02 min

Lab File: VF059497.D

Acq: 10 Jul 2018 21:11

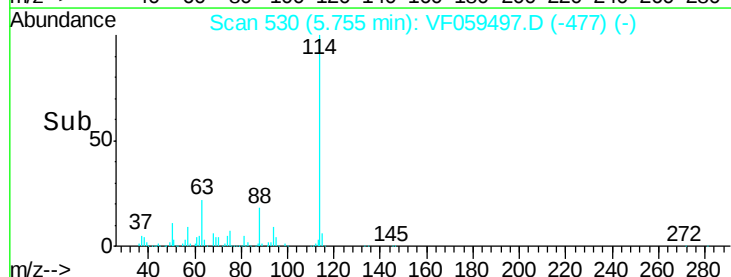
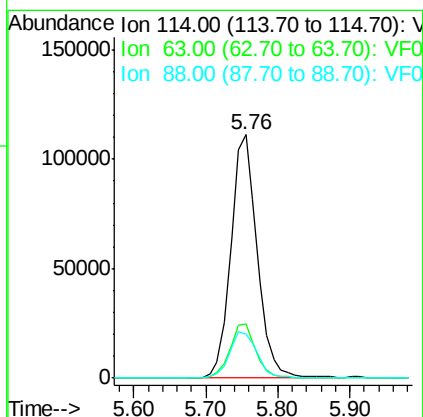
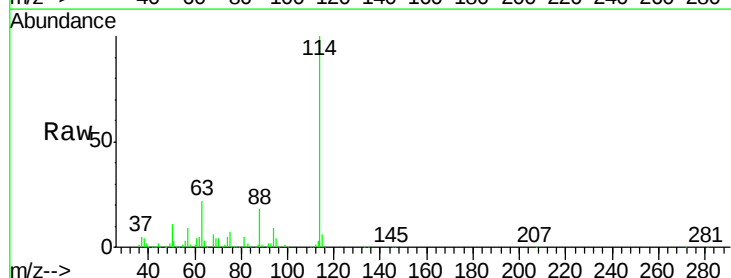
Tgt Ion: 114 Resp: 284091

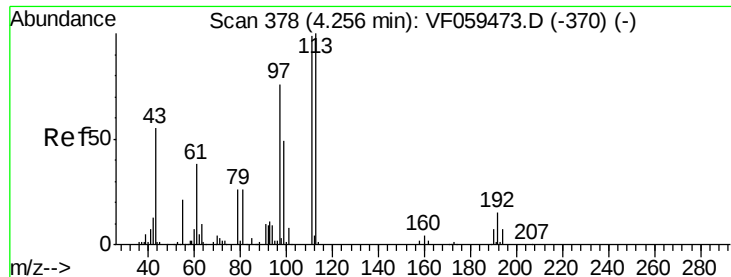
Ion Ratio Lower Upper

114 100

63 22.2 0.0 47.2

88 18.1 0.0 38.0





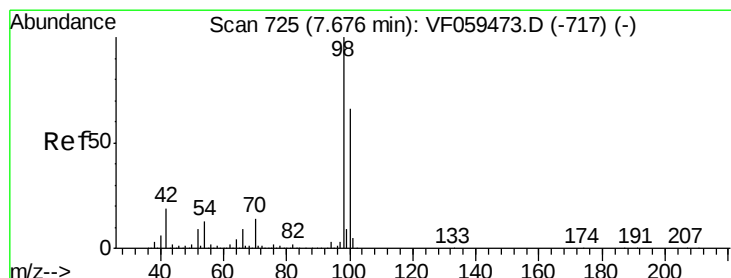
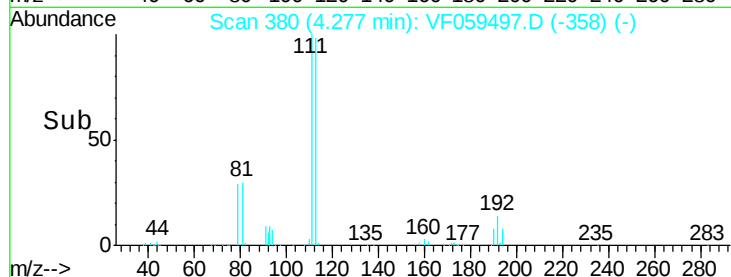
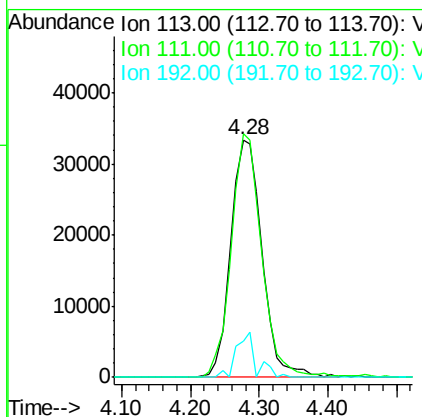
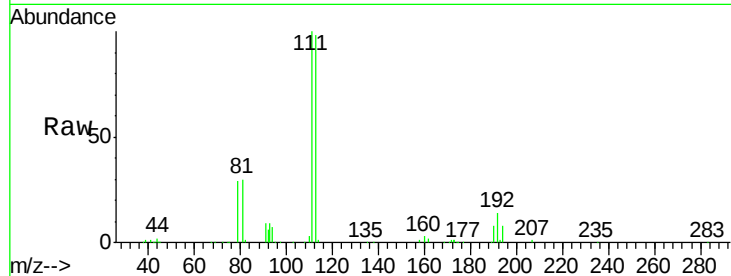
#35
 Dibromofluoromethane
 Concen: 38.63 ug/l
 RT: 4.28 min Scan# 380
 Delta R.T. 0.02 min
 Lab File: VF059497.D
 Acq: 10 Jul 2018 21:11

Instrument :
 MSVOA_F
 ClientSampleId :
 SURCHARGE-SP-15RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	79.3	118.9
192	15.4	12.0	18.0

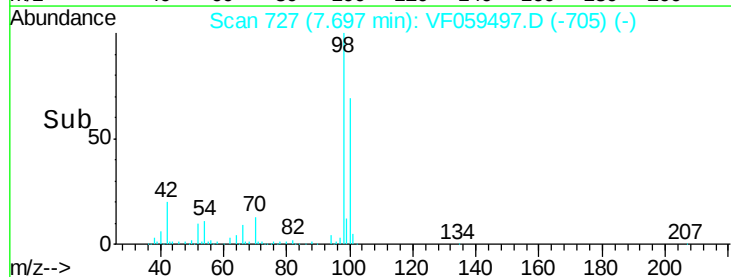
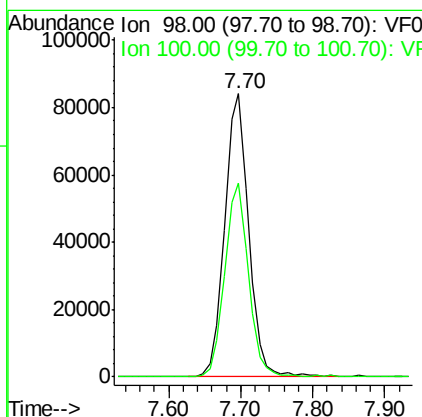
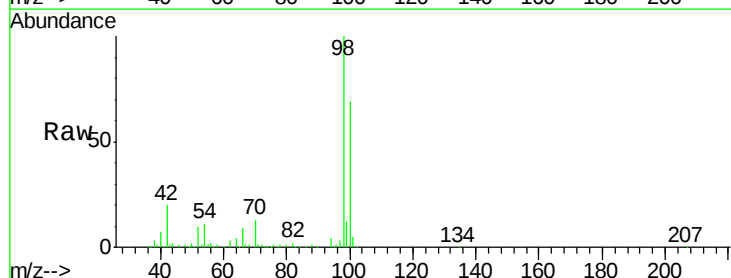
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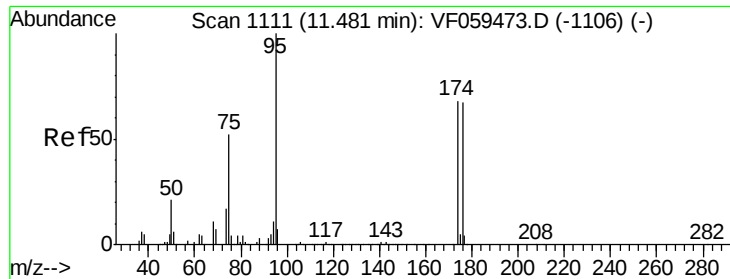
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#50
 Toluene-d8
 Concen: 30.28 ug/l
 RT: 7.70 min Scan# 727
 Delta R.T. 0.02 min
 Lab File: VF059497.D
 Acq: 10 Jul 2018 21:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.6	52.6	78.8





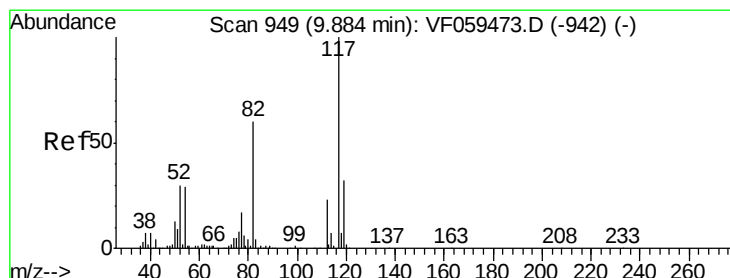
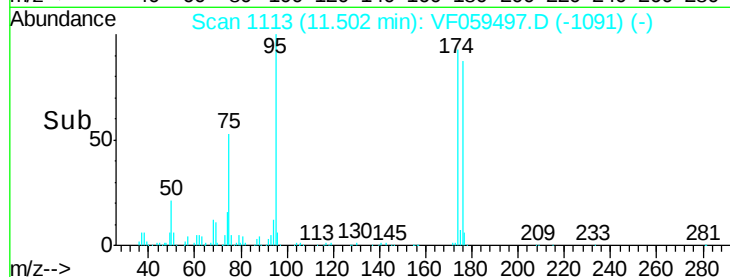
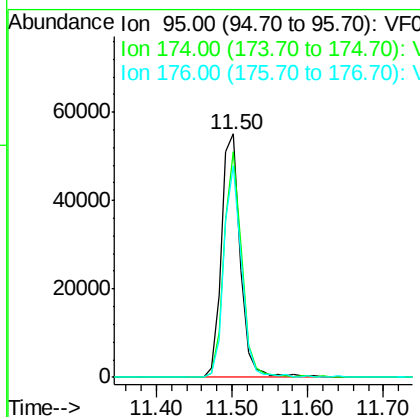
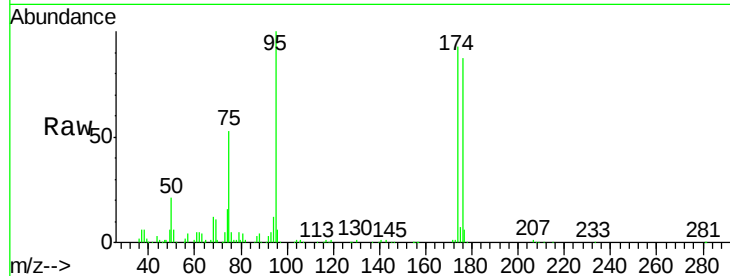
#62
4-Bromofluorobenzene
Concen: 26.92 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF059497.D
Acq: 10 Jul 2018 21:11

Instrument :
MSVOA_F
ClientSampleId :
SURCHARGE-SP-15RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	92.8	0.0	137.0
176	87.1	0.0	133.8

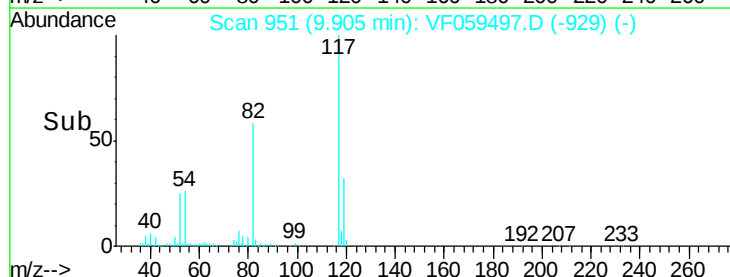
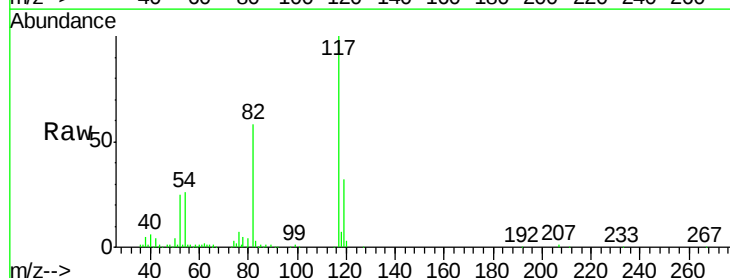
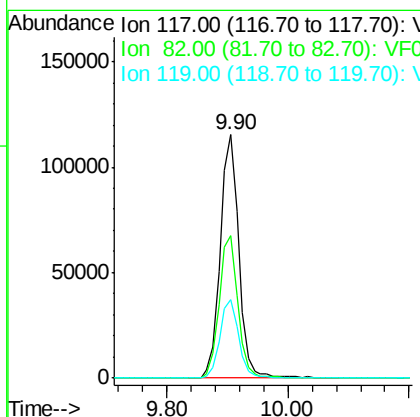
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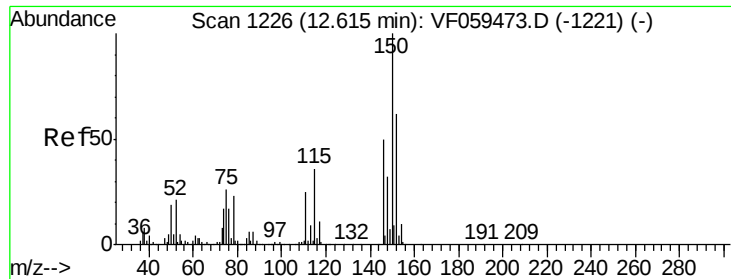
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF059497.D
Acq: 10 Jul 2018 21:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.2	72.4
119	32.5	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF059497.D

Acq: 10 Jul 2018 21:11

Instrument :

MSVOA_F

ClientSampleId :

SURCHARGE-SP-15RE

Tot Ion:152 Resp: 121658

Ion Ratio Lower Upper

152 100

115 55.4 28.7 86.3

150 157.5 0.0 323.8

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