

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071818\
 Data File : VF059529.D
 Acq On : 18 Jul 2018 23:05
 Operator : VA/AP
 Sample : J4035-01
 Misc : 5.01µ/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 MH-2

Manual Integrations
 APPROVED

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 7/19/2018 10:18:36 AM

Quant Time: Jul 19 05:43:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	240592	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.75	114	364312	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.90	117	365779	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.63	152	220079	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	184670	49.35	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	98.70%	
35) Dibromofluoromethane	4.27	113	161307	51.12	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	102.24%	
50) Toluene-d8	7.69	98	348486	43.85	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.70%	
62) 4-Bromofluorobenzene	11.51	95	189657	45.49	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.98%	
Target Compounds						
16) Acetone	2.33	43	23004	15.28	ug/l	Qvalue 97
20) Methylene Chloride	2.27	84	10908m	2.07	ug/l	

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

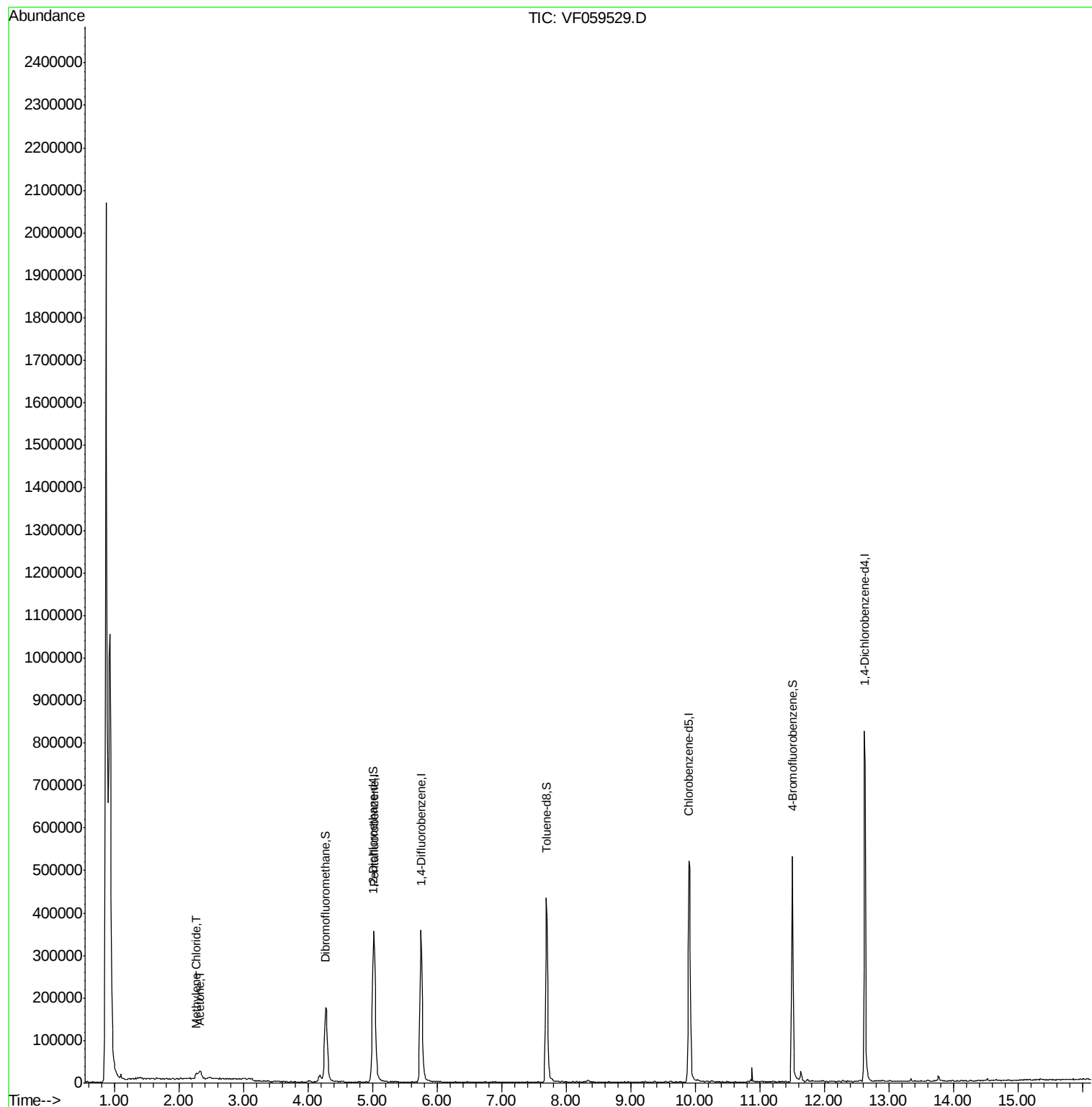
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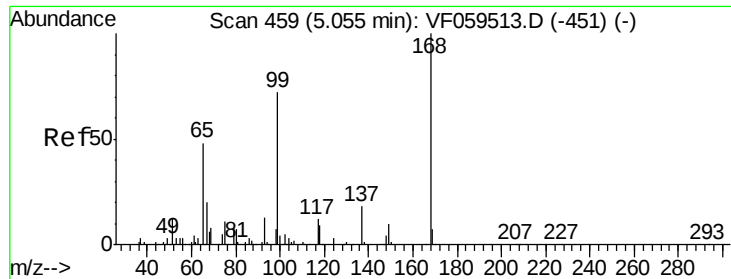
Instrument :
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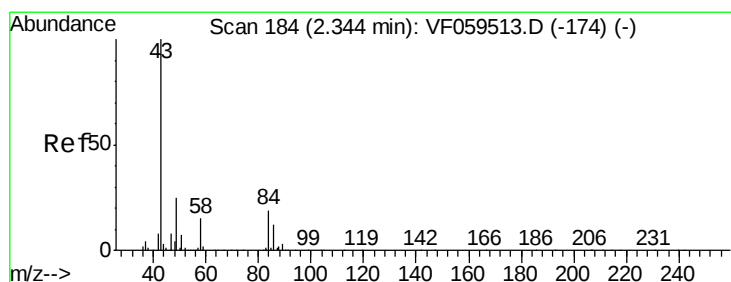
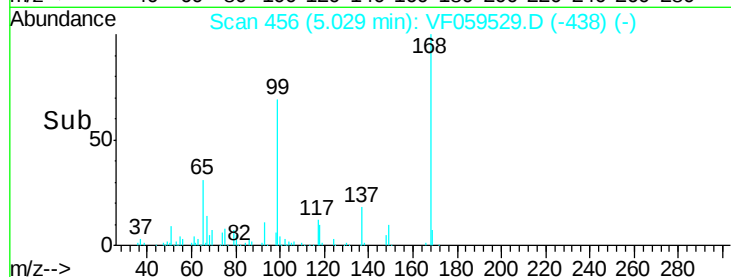
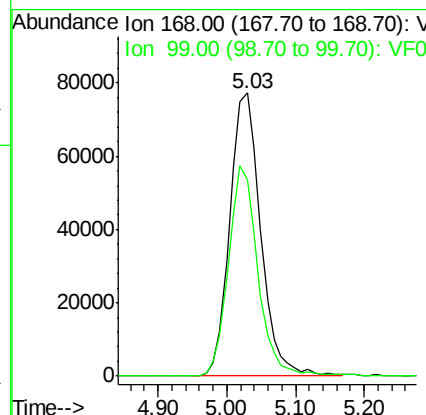
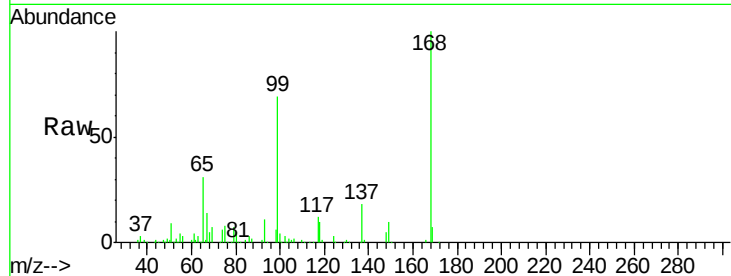
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.03 min Scan# 456
Delta R.T. -0.03 min
Lab File: VF059529.D
Acq: 18 Jul 2018 23:05

Instrument :
MSVOA_F
ClientSampleId :
MH-2

Tot Ion	Ratio	Resp	Lower	Upper
168	100	240592		
99	69.5	57.6	86.4	

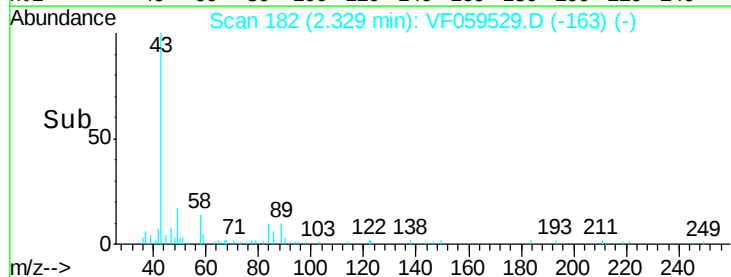
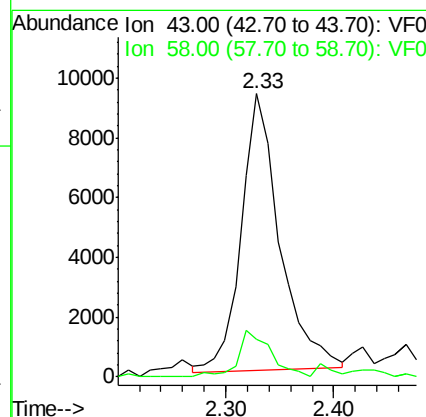
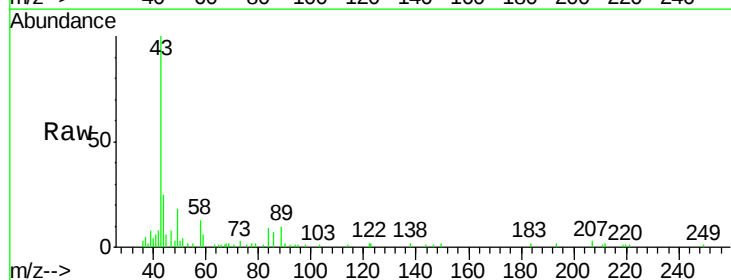
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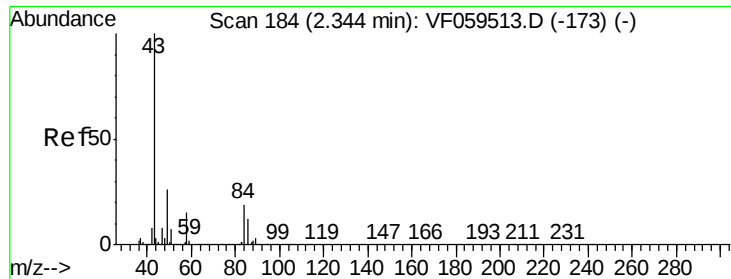
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#16
Acetone
Concen: 15.28 ug/l
RT: 2.33 min Scan# 182
Delta R.T. -0.02 min
Lab File: VF059529.D
Acq: 18 Jul 2018 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	23004		
58	13.3	11.8	17.6	





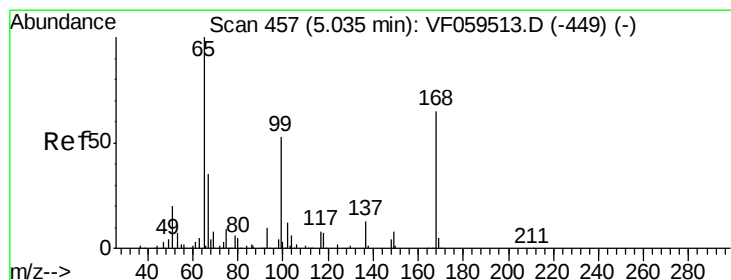
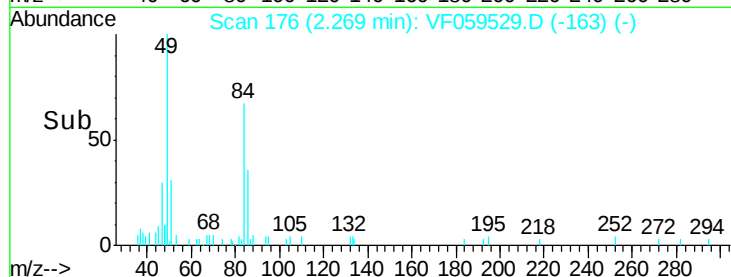
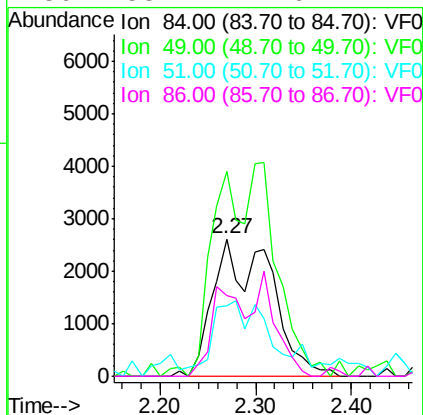
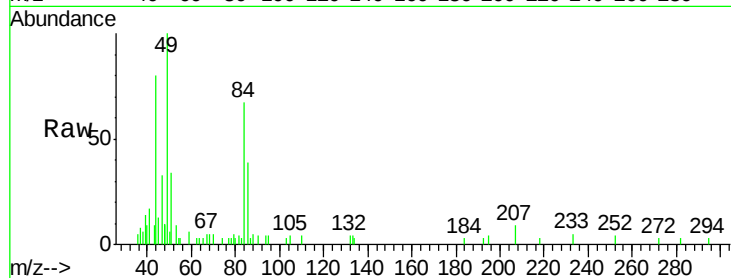
#20
Methvlene Chloride
Concen: 2.07 ug/l m
RT: 2.27 min Scan# 176
Delta R.T. -0.07 min
Lab File: VF059529.D
Acq: 18 Jul 2018 23:05

Instrument :
MSVOA_F
ClientSampleId :
MH-2

Tot Ion	Ratio	Lower	Upper
84	100		
49	148.9	109.4	164.2
51	51.3	30.5	45.7
86	58.4	47.6	71.4

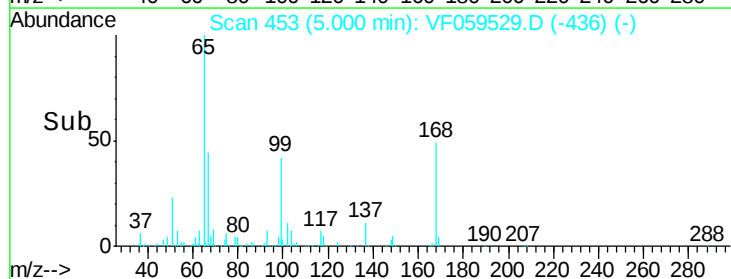
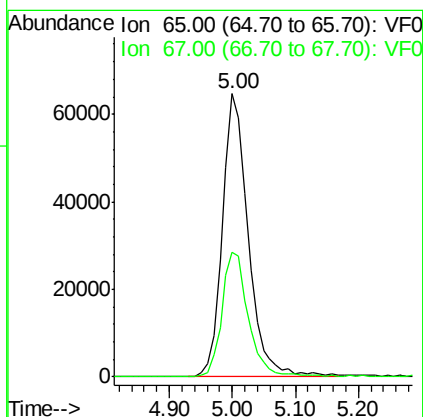
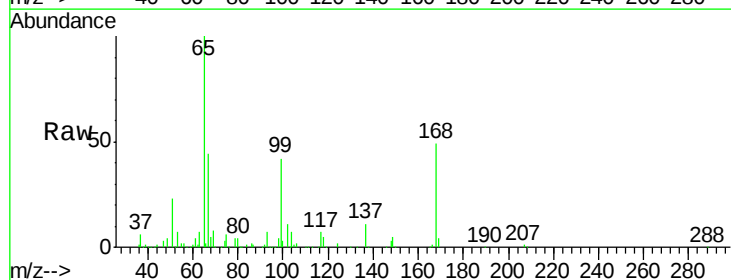
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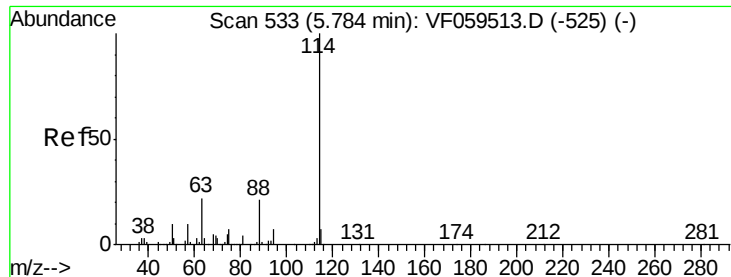
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#33
1,2-Dichloroethane-d4
Concen: 49.35 ug/l
RT: 5.00 min Scan# 453
Delta R.T. -0.04 min
Lab File: VF059529.D
Acq: 18 Jul 2018 23:05

Tgt Ion	Ratio	Lower	Upper
65	100		
67	43.9	0.0	91.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.75 min Scan# 529

Delta R.T. -0.04 min

Lab File: VF059529.D

Acq: 18 Jul 2018 23:05

Instrument :

MSVOA_F

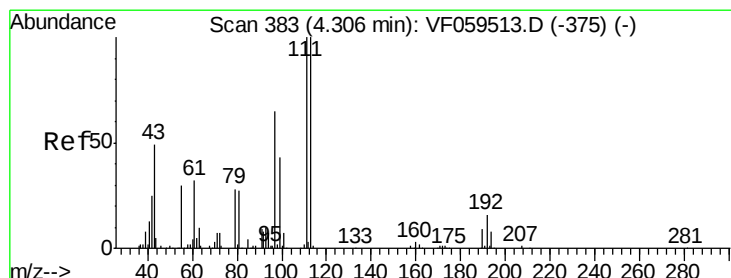
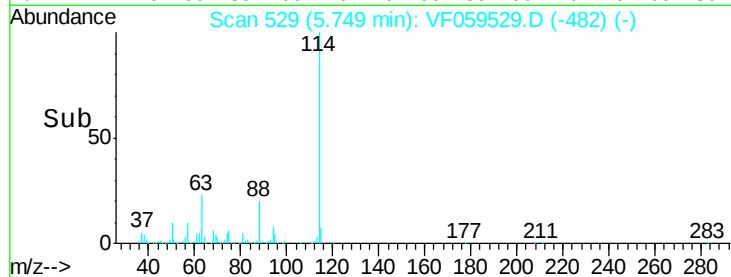
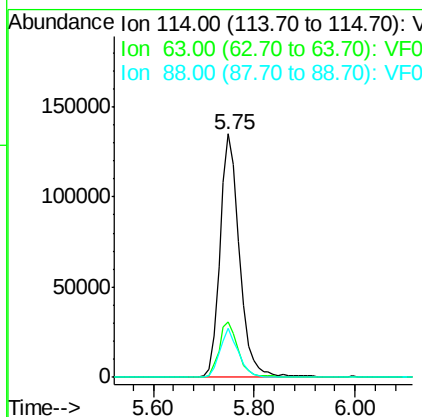
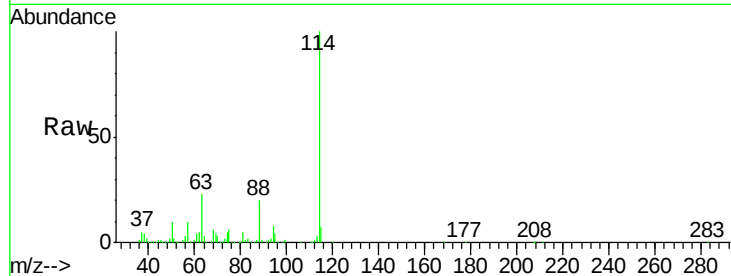
ClientSampled :

MH-2

Tot Ion:	114	Resp:	364312
Ion Ratio	Lower	Upper	
114	100		
63	22.6	0.0	44.8
88	20.2	0.0	42.6

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#35

Dibromofluoromethane

Concen: 51.12 ug/l

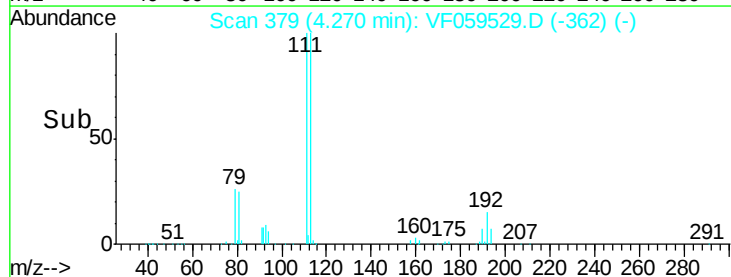
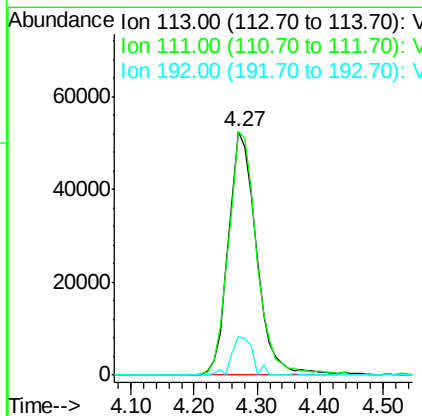
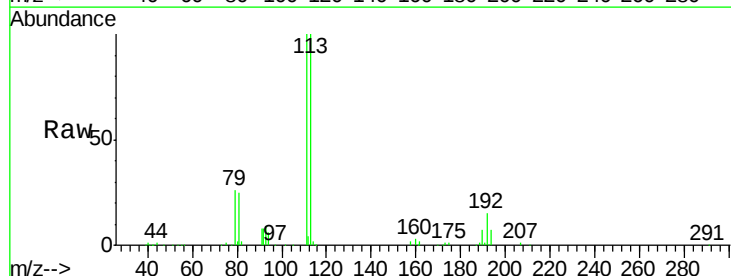
RT: 4.27 min Scan# 379

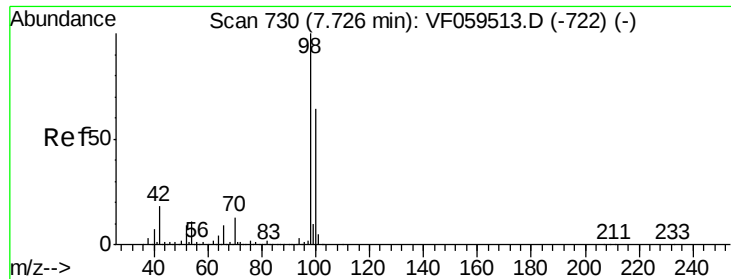
Delta R.T. -0.04 min

Lab File: VF059529.D

Acq: 18 Jul 2018 23:05

Tgt Ion:	113	Resp:	161307
Ion Ratio	Lower	Upper	
113	100		
111	100.1	80.3	120.5
192	15.7	13.1	19.7





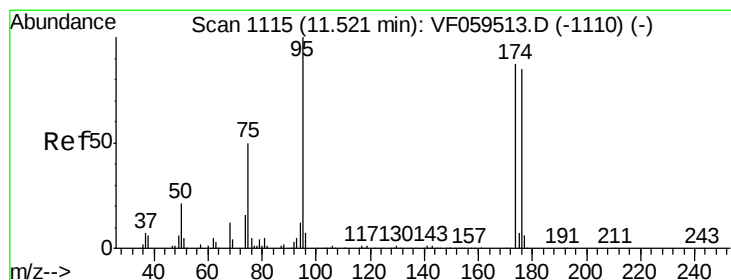
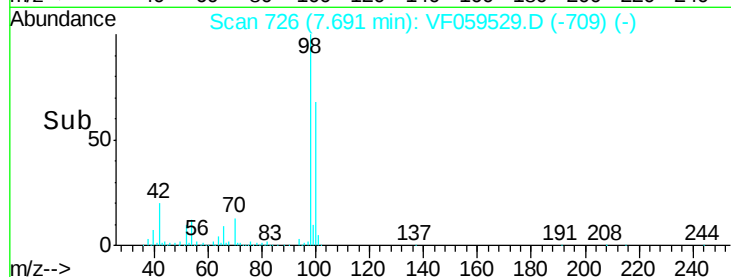
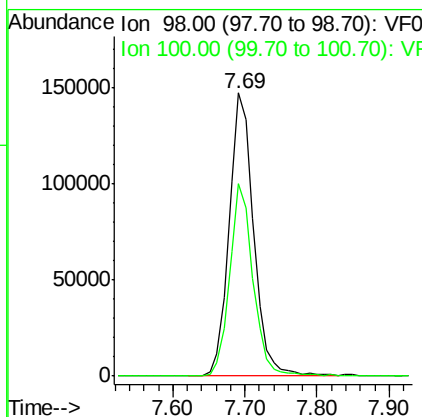
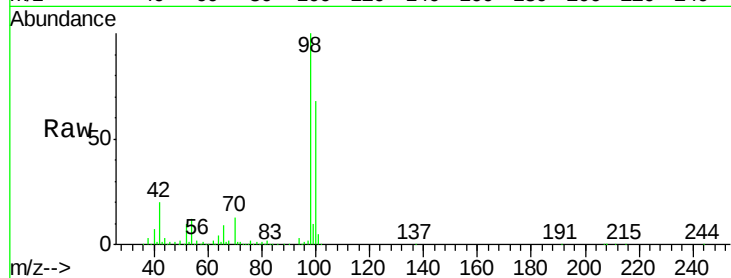
#50
Toluene-d8
Concen: 43.85 ug/l
RT: 7.69 min Scan# 726
Delta R.T. -0.04 min
Lab File: VF059529.D
Acq: 18 Jul 2018 23:05

Instrument :
MSVOA_F
ClientSampled :
MH-2

Tot Ion: 98 Resp: 348486
Ion Ratio Lower Upper
98 100
100 68.0 50.9 76.3

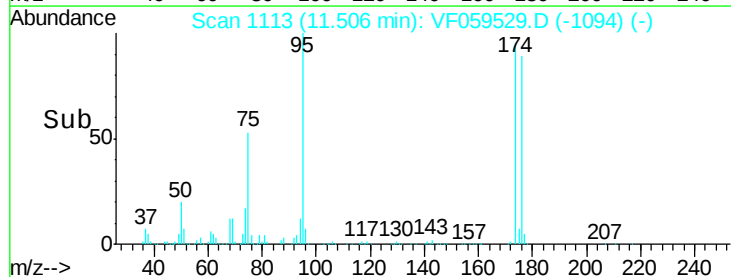
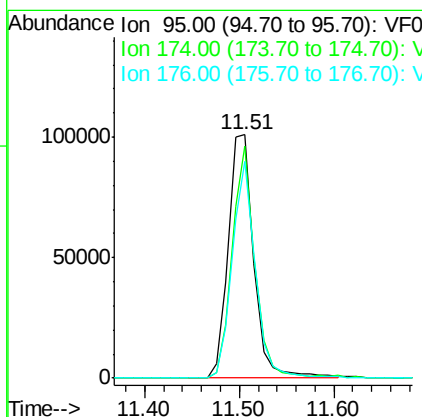
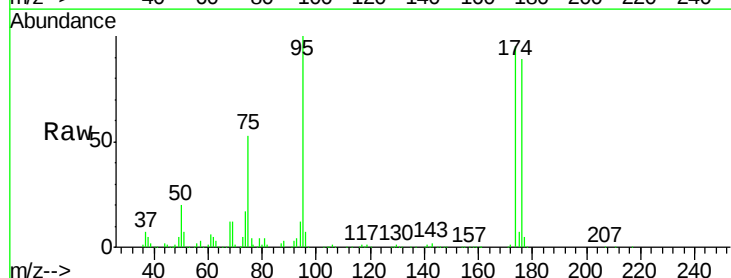
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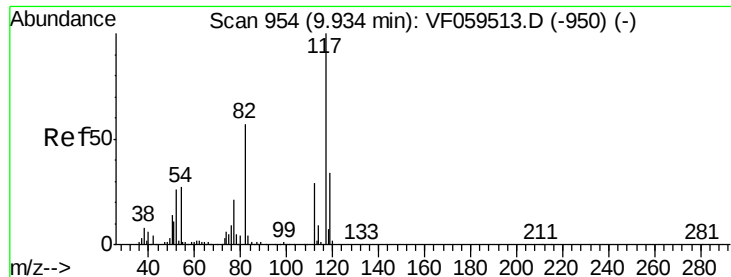
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#62
4-Bromofluorobenzene
Concen: 45.49 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VF059529.D
Acq: 18 Jul 2018 23:05

Tgt Ion: 95 Resp: 189657
Ion Ratio Lower Upper
95 100
174 95.2 0.0 174.4
176 89.3 0.0 169.4





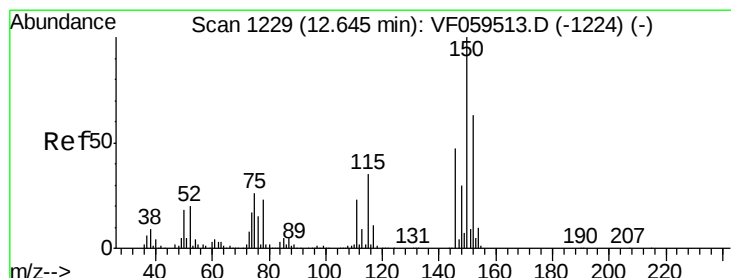
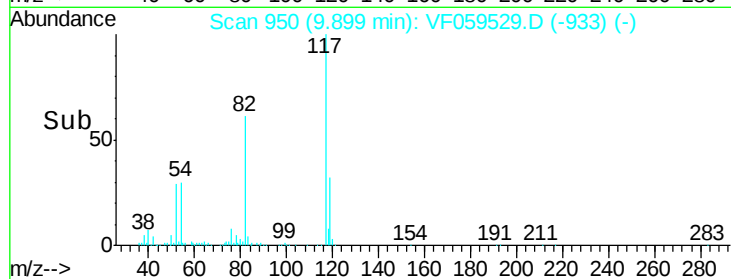
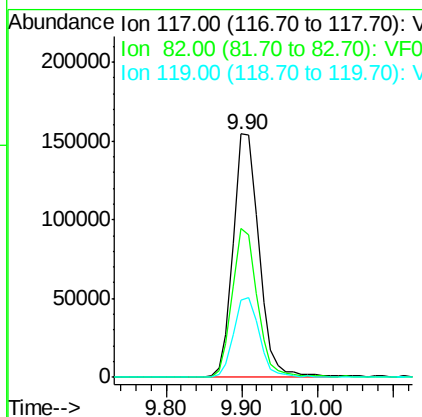
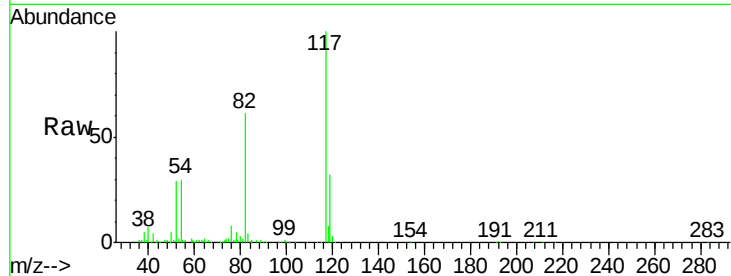
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.90 min Scan# 950
Delta R.T. -0.04 min
Lab File: VF059529.D
Acq: 18 Jul 2018 23:05

Instrument :
MSVOA_F
ClientSampleId :
MH-2

Tot Ion	Ratio	Resp	Lower	Upper
117	100	365779		
82	61.2	46.1	69.1	
119	31.9	27.2	40.8	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. -0.02 min
Lab File: VF059529.D
Acq: 18 Jul 2018 23:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	220079		
115	54.8	27.8	83.3	
150	147.7	0.0	318.4	

