

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
 Data File : VF059916.D
 Acq On : 7 Aug 2018 12:07
 Operator : VA/AP
 Sample : J4277-01RE
 Misc : 6.69g/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-080318-ARE

Manual Integrations
 APPROVED

apatel
 8/8/2018 11:56:00 AM

Quant Time: Aug 07 14:08:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	268099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.77	114	412808	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	350624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	186085	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	150484	31.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.26%	
35) Dibromofluoromethane	4.29	113	138301	33.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.34%	
50) Toluene-d8	7.71	98	272891	31.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	62.46%	
62) 4-Bromofluorobenzene	11.52	95	136675	27.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.66%	
Target Compounds						
95) Naphthalene	14.52	128	17546	2.32	ug/l	Qvalue 99

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

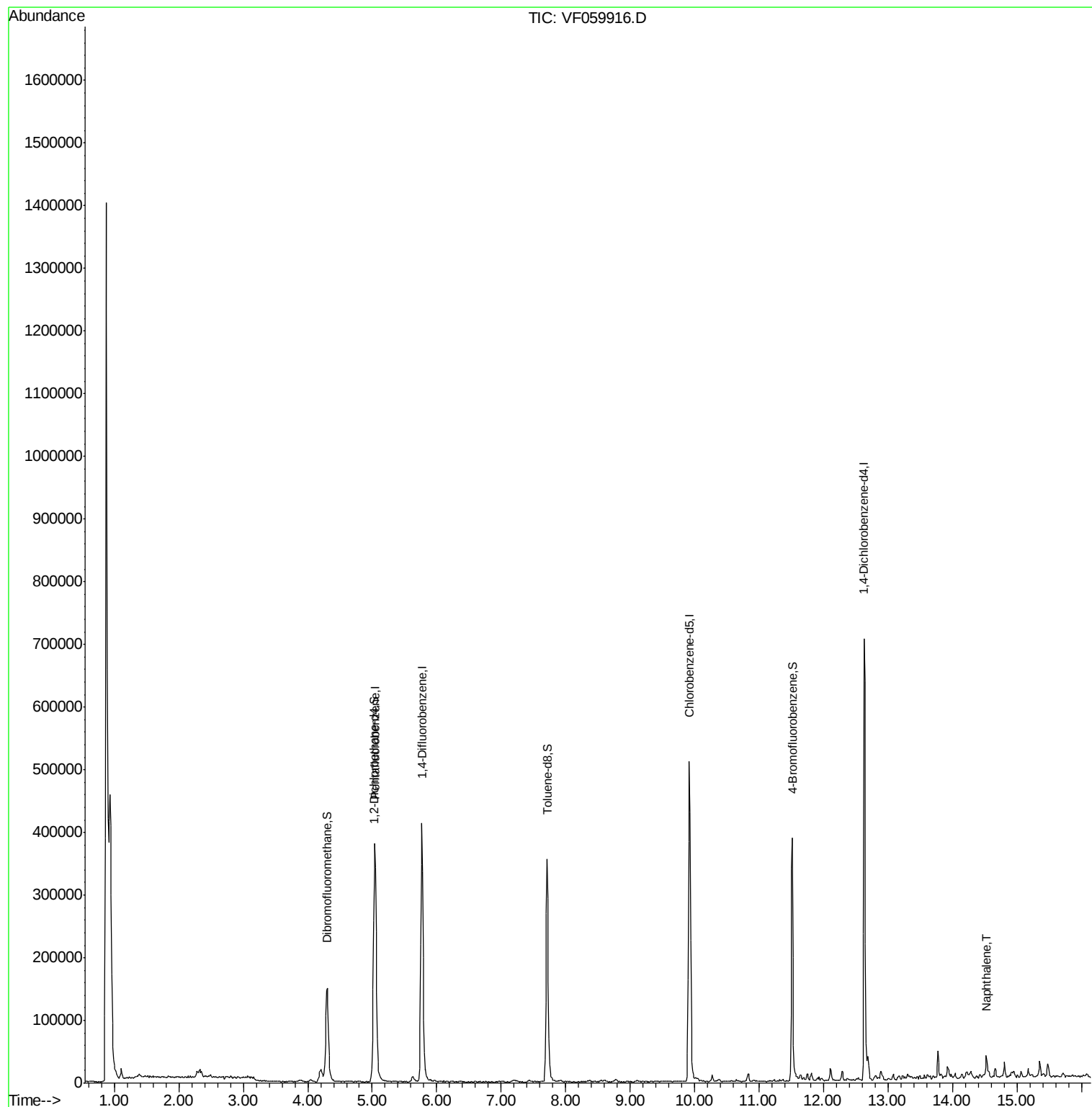
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF080718\
Data File : VF059916.D
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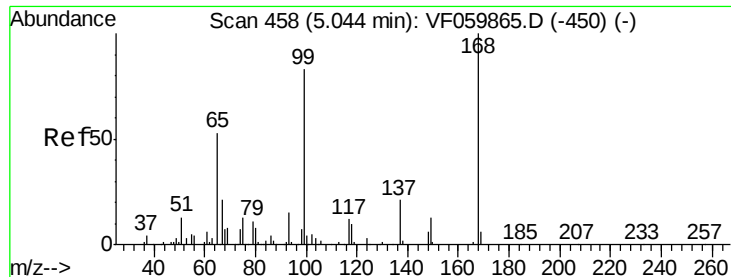
Instrument :
MSVOA_F
ClientSampleId :
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Response via : Initial Calibration





#1

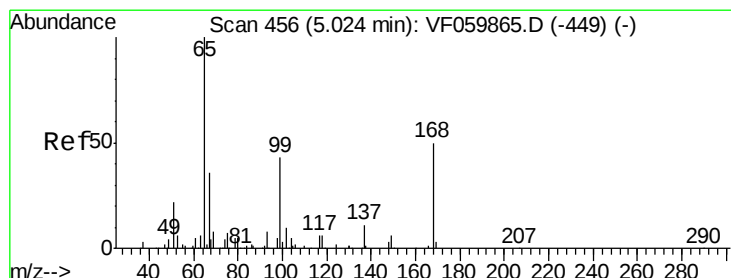
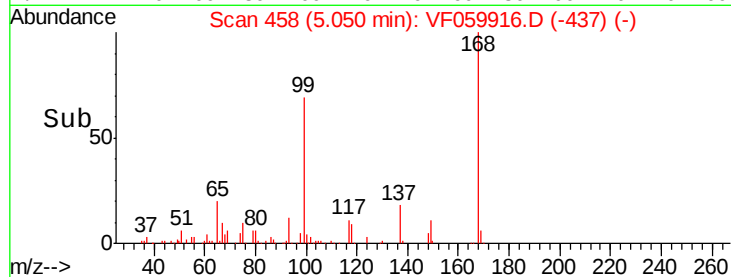
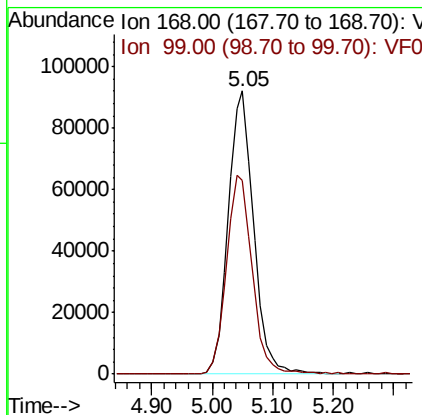
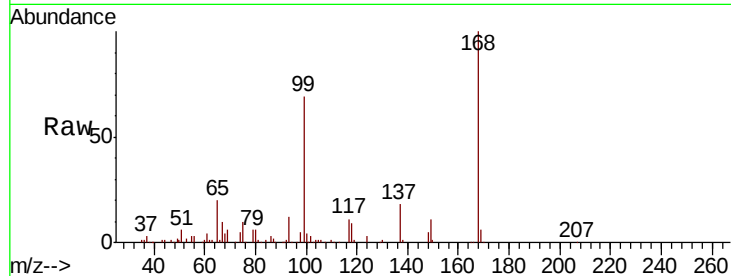
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.05 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: VF059916.D
 Acq: 7 Aug 2018 12:07

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-080318-ARE

Tot Ion	Ratio	Lower	Upper
168	100		
99	68.6	66.3	99.5

Manual Integrations
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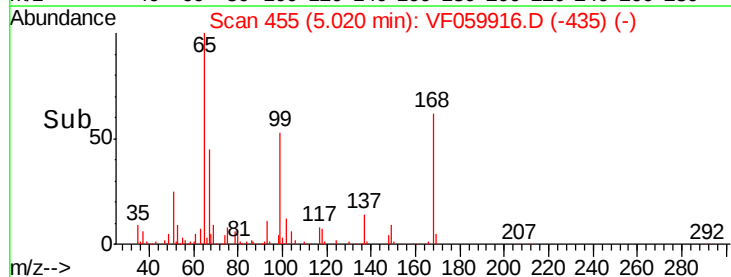
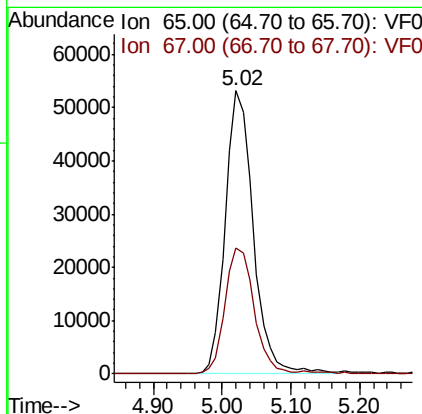
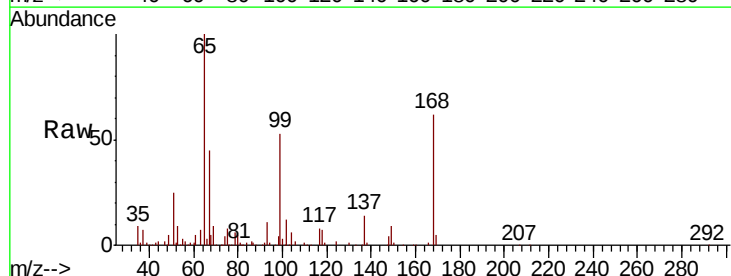
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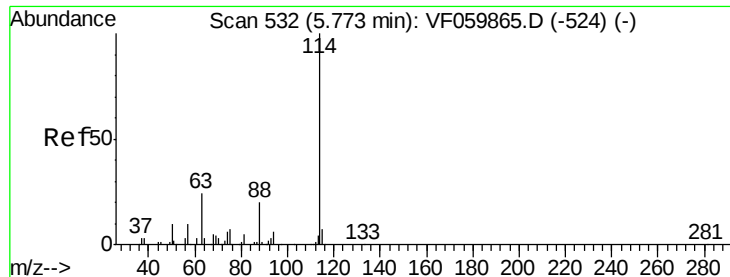


#33

1,2-Dichloroethane-d4
 Concen: 31.13 ug/l
 RT: 5.02 min Scan# 455
 Delta R.T. -0.00 min
 Lab File: VF059916.D
 Acq: 7 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
65	100		
67	44.6	0.0	77.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.77 min Scan# 531

Delta R.T. -0.00 min

Lab File: VF059916.D

Acq: 7 Aug 2018 12:07

Instrument :

MSVOA_F

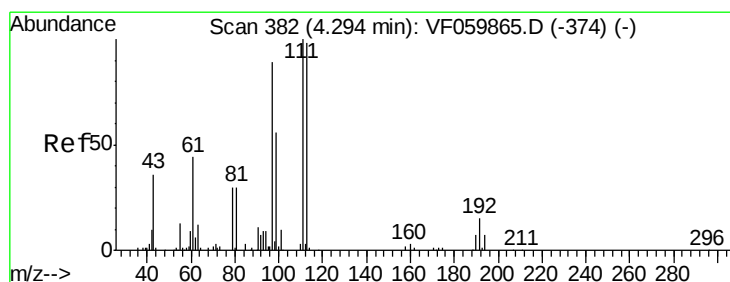
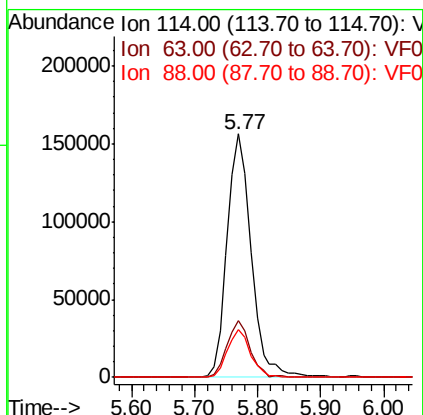
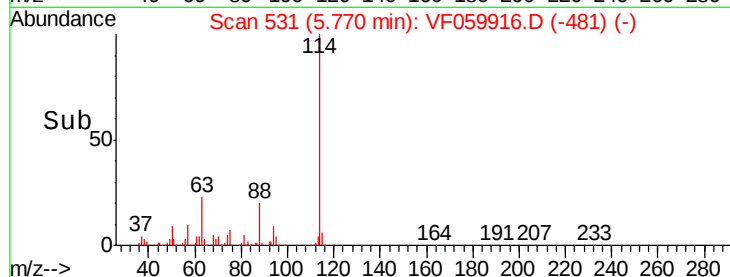
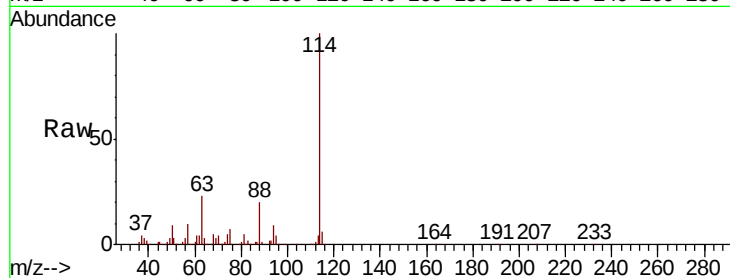
ClientSampleId :

OR-02-080318-ARE

Tot Ion:	114	Resp:	412808
Ion Ratio		Lower	Upper
114	100		
63	23.2	0.0	48.0
88	19.8	0.0	39.4

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#35

Dibromofluoromethane

Concen: 33.67 ug/l

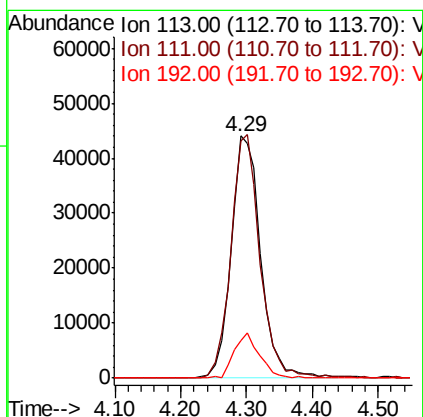
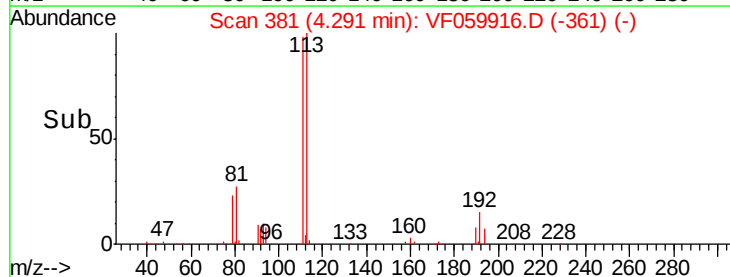
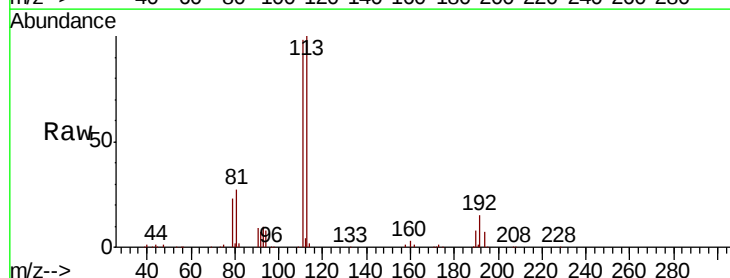
RT: 4.29 min Scan# 381

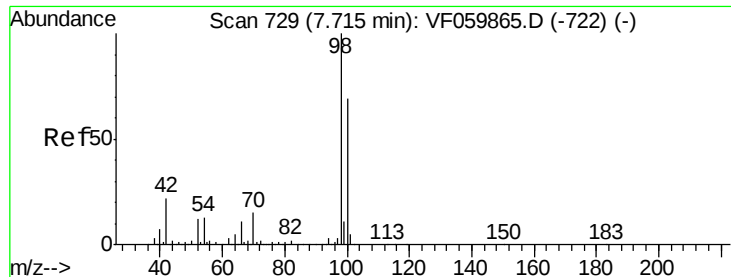
Delta R.T. -0.00 min

Lab File: VF059916.D

Acq: 7 Aug 2018 12:07

Tgt Ion:	113	Resp:	138301
Ion Ratio		Lower	Upper
113	100		
111	98.1	81.8	122.8
192	15.4	12.4	18.6





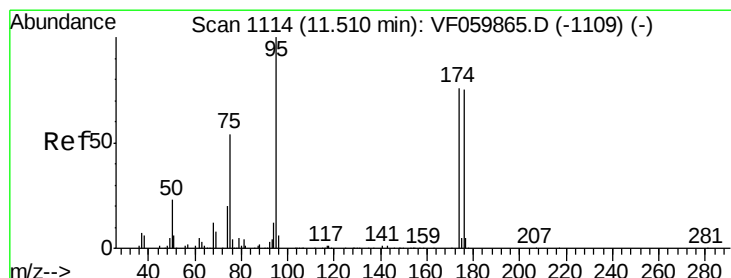
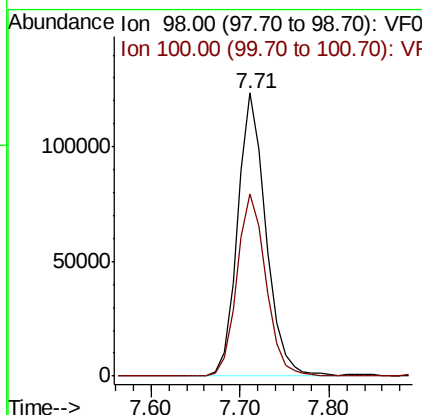
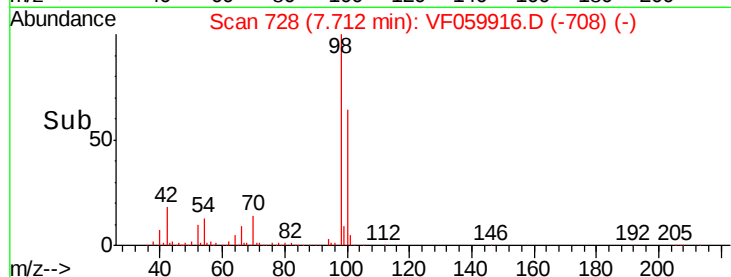
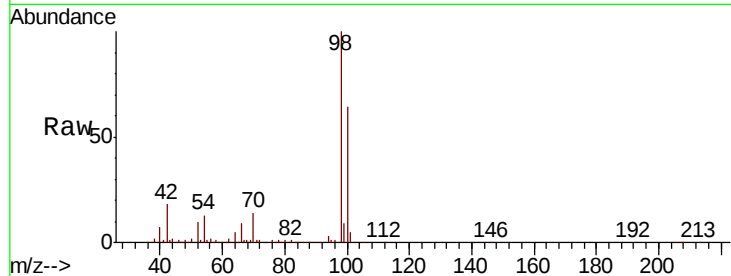
#50
Toluene-d8
Concen: 31.23 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.00 min
Lab File: VF059916.D
Acq: 7 Aug 2018 12:07

Instrument :
MSVOA_F
ClientSampleId :
OR-02-080318-ARE

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	64.4	55.0	82.6	

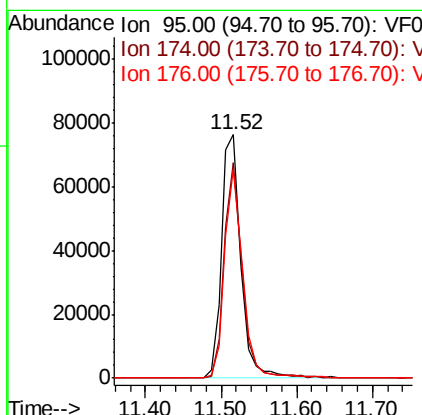
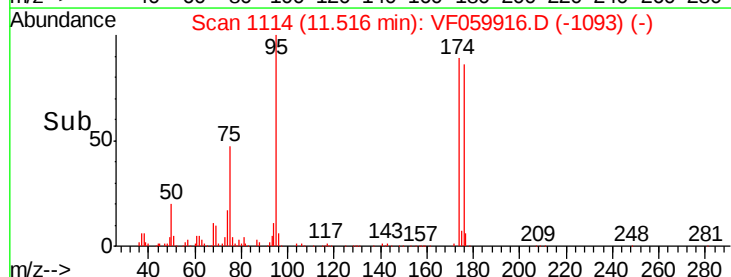
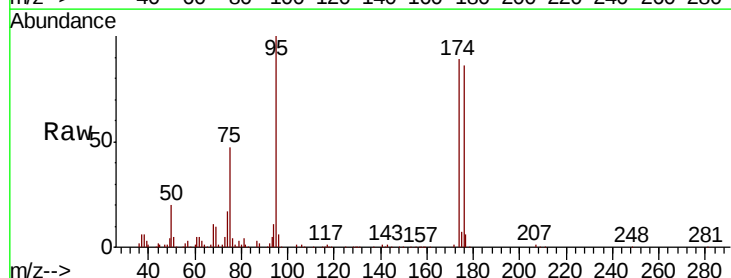
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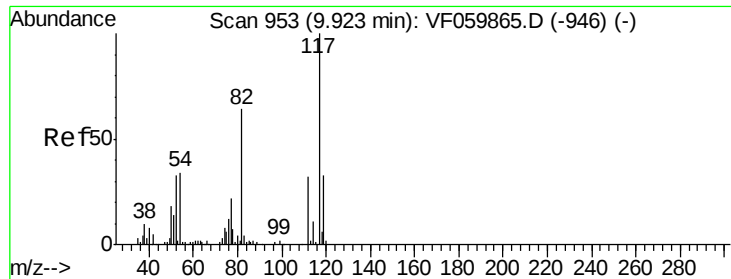
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#62
4-Bromofluorobenzene
Concen: 27.83 ug/l
RT: 11.52 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VF059916.D
Acq: 7 Aug 2018 12:07

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	88.7	0.0	151.6	
176	85.8	0.0	149.8	





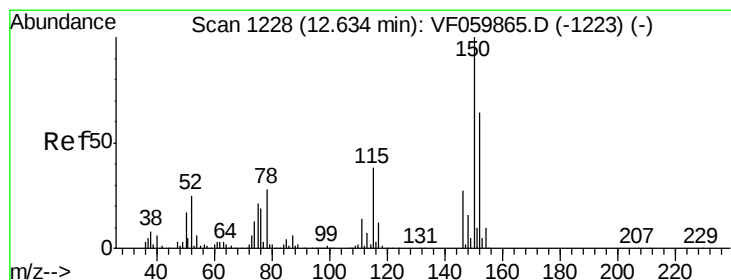
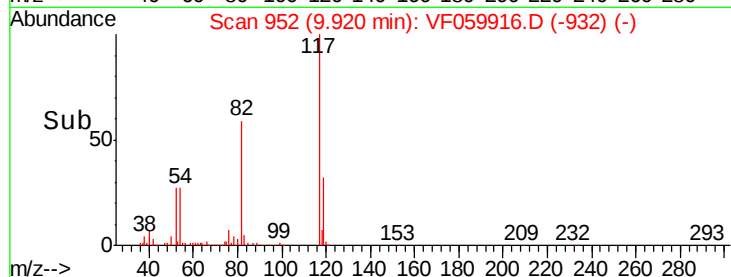
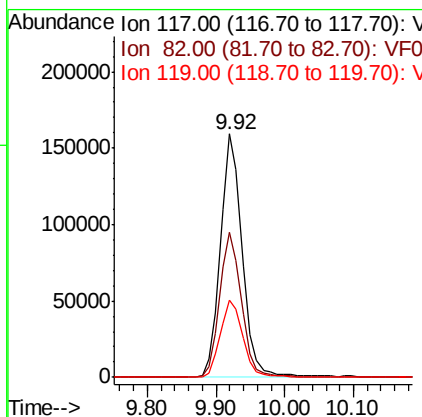
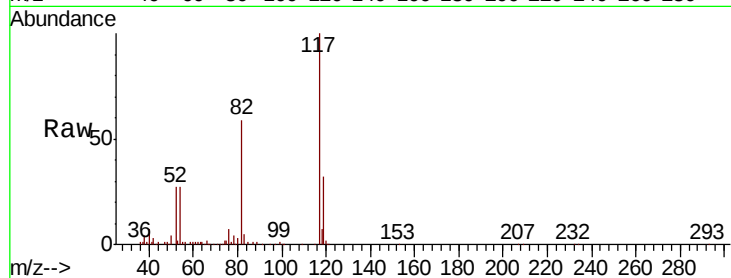
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.00 min
Lab File: VF059916.D
Acq: 7 Aug 2018 12:07

Instrument :
MSVOA_F
ClientSampleId :
OR-02-080318-ARE

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	51.3	76.9
119	31.7	26.4	39.6

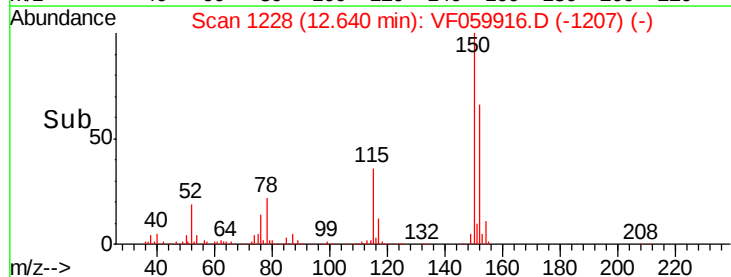
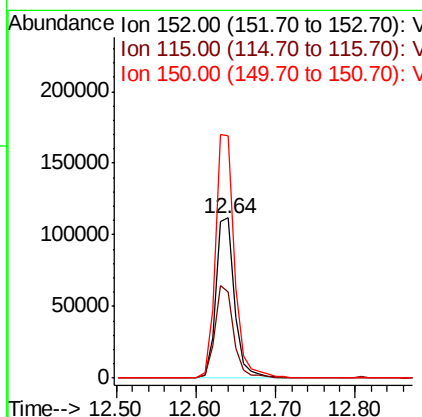
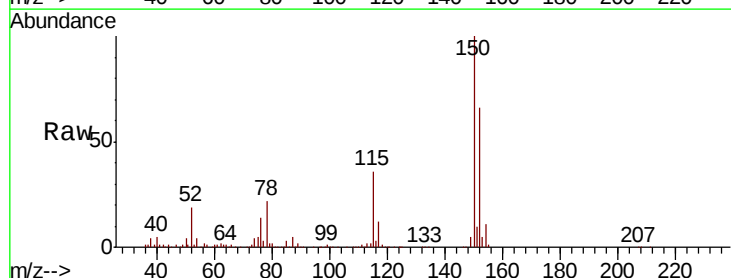
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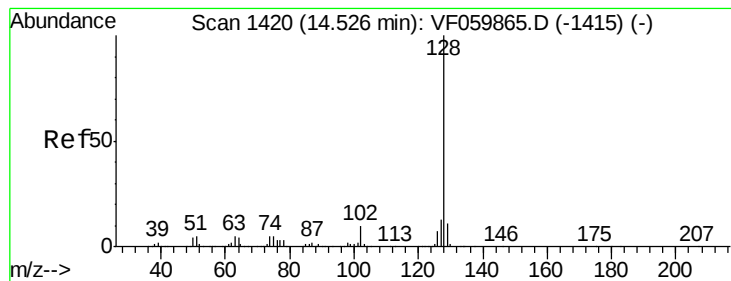
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VF059916.D
Acq: 7 Aug 2018 12:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.1	29.8	89.4
150	151.1	0.0	315.6





#95

Naphthalene

Concen: 2.32 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. -0.00 min

Lab File: VF059916.D

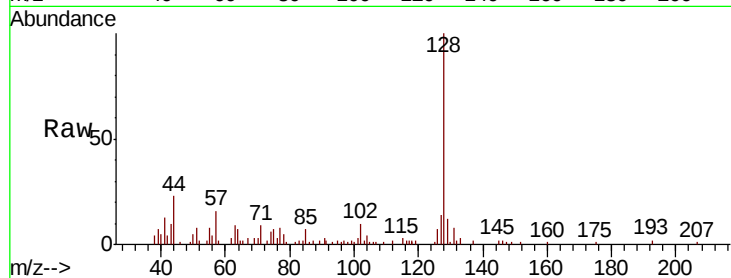
Acq: 7 Aug 2018 12:07

Instrument :

MSVOA_F

ClientSampleId :

OR-02-080318-ARE



Tot Ion:	128	Resp:	17546
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.4	15.6
129	11.7	9.0	13.6

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