

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF080718\
 Data File : VF059914.D
 Acq On : 7 Aug 2018 11:11
 Operator : VA/AP
 Sample : J4298-03
 Misc : 4.70g/5mL/MSVOA F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-3

Manual Integrations
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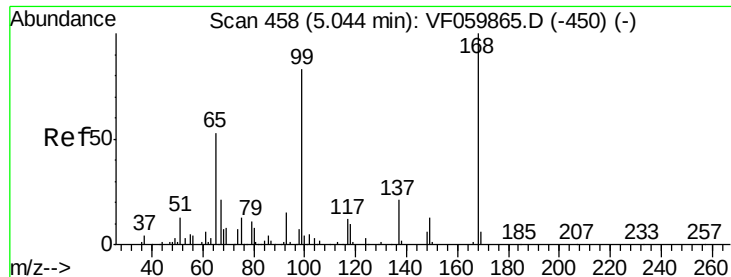
Quant Time: Aug 07 11:55:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F080418S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 04 07:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	284260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.78	114	396487	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	361303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.64	152	202219	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.03	65	167518	32.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.38%	
35) Dibromofluoromethane	4.30	113	147532	37.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.80%	
50) Toluene-d8	7.72	98	306546	36.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.04%	
62) 4-Bromofluorobenzene	11.51	95	150040	31.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.62%	

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.00 min

Lab File: VF059914.D

Acq: 7 Aug 2018 11:11

Instrument :

MSVOA_F

ClientSampled :

WC-3

Tot Ion:168 Resp: 284260

Ion Ratio Lower Upper

168 100

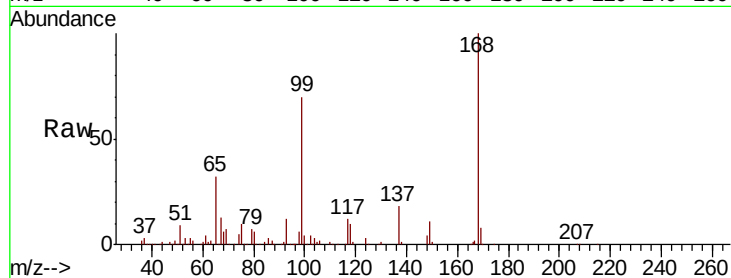
99 70.3 66.3 99.5

Manual Integrations

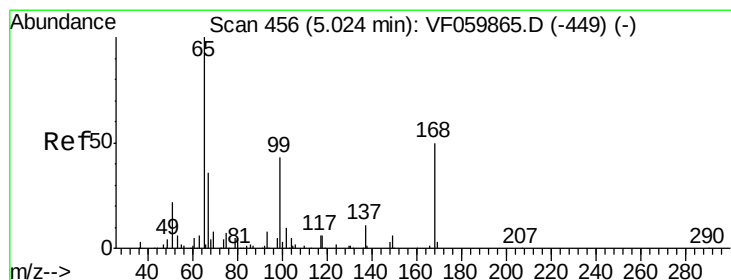
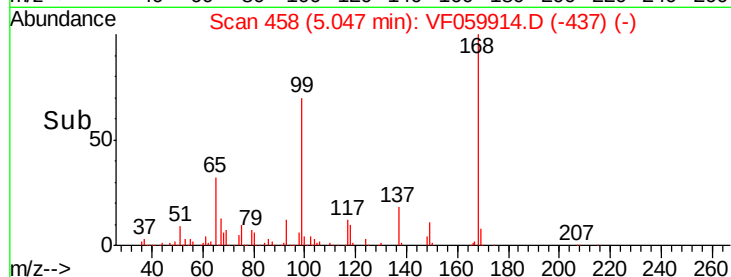
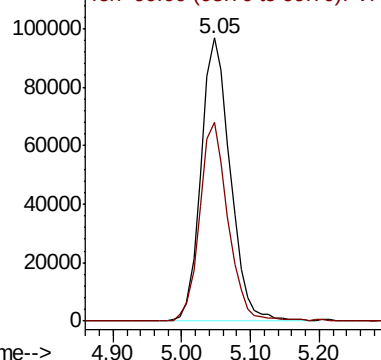
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Abundance Ion 168.00 (167.70 to 168.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 32.69 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF059914.D

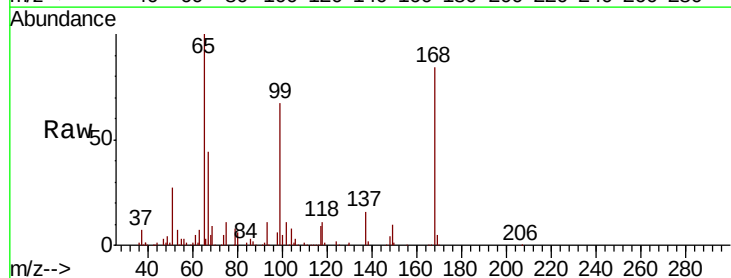
Acq: 7 Aug 2018 11:11

Tgt Ion: 65 Resp: 167518

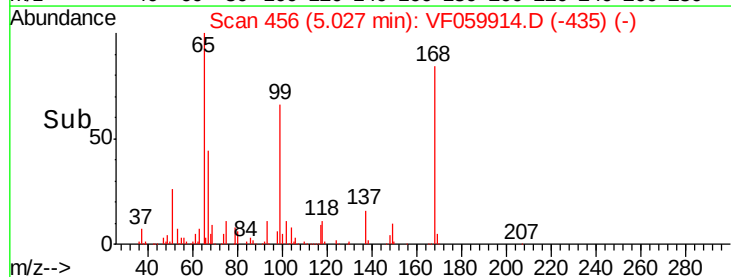
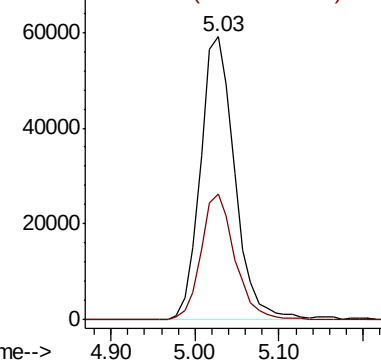
Ion Ratio Lower Upper

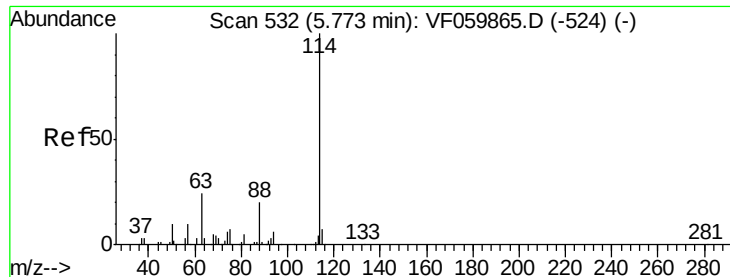
65 100

67 44.4 0.0 77.2



Abundance Ion 65.00 (64.70 to 65.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.00 min

Lab File: VF059914.D

Acq: 7 Aug 2018 11:11

Instrument :

MSVOA_F

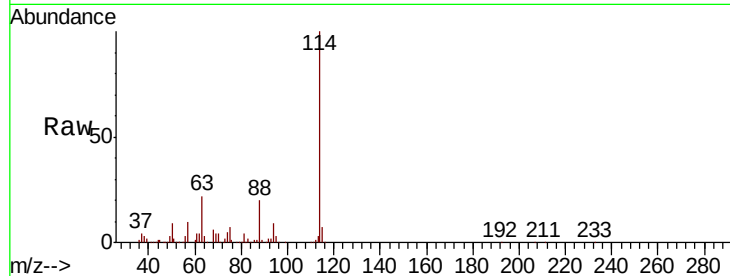
ClientSampled :

WC-3

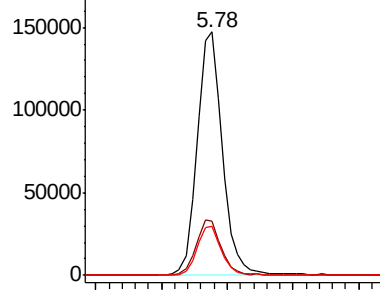
Tot Ion:	114	Resp:	396487
Ion Ratio	Lower	Upper	
114	100		
63	22.5	0.0	48.0
88	20.0	0.0	39.4

Manual Integrations
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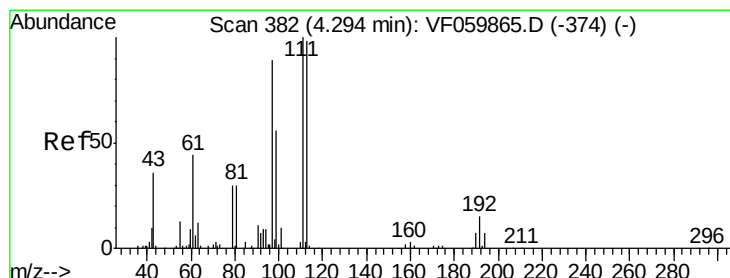
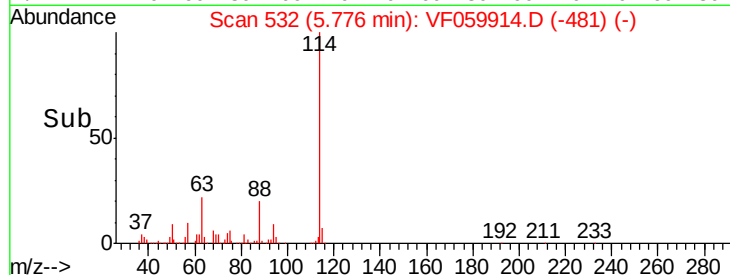
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Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0



Time-->



#35

Dibromofluoromethane

Concen: 37.40 ug/l

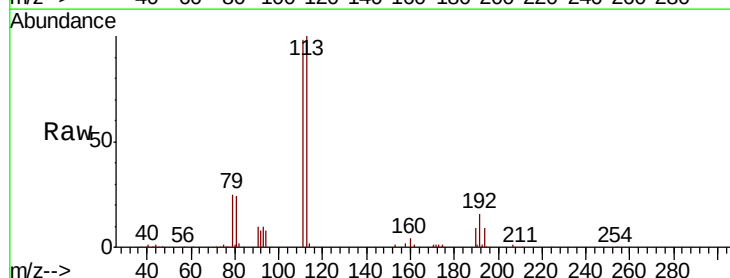
RT: 4.30 min Scan# 382

Delta R.T. 0.00 min

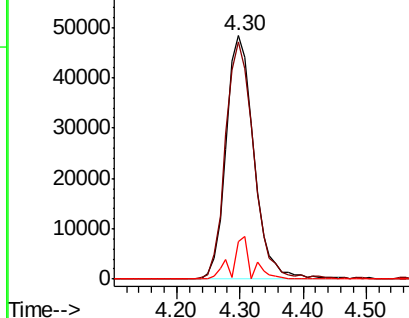
Lab File: VF059914.D

Acq: 7 Aug 2018 11:11

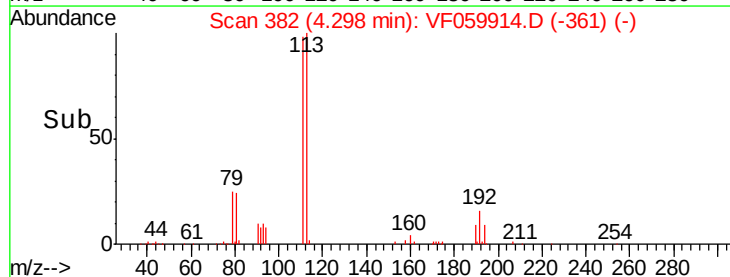
Tgt Ion:	113	Resp:	147532
Ion Ratio	Lower	Upper	
113	100		
111	97.6	81.8	122.8
192	15.7	12.4	18.6

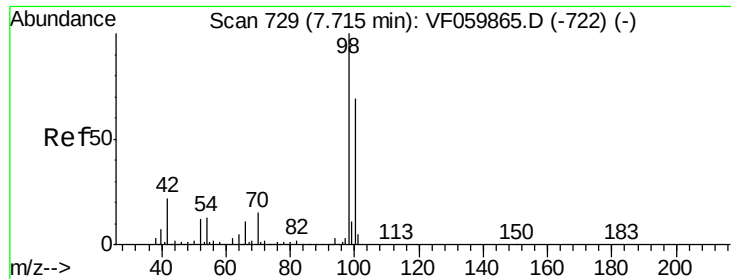


Abundance Ion 113.00 (112.70 to 113.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 192.00 (191.70 to 192.70): V



Time-->





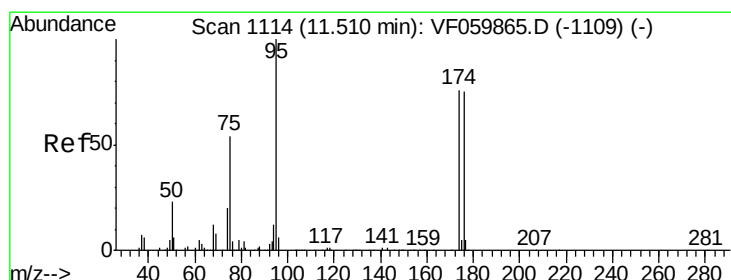
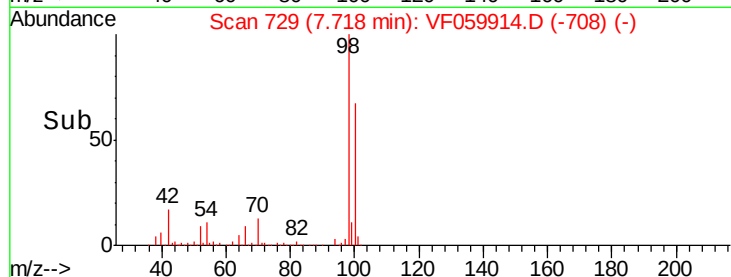
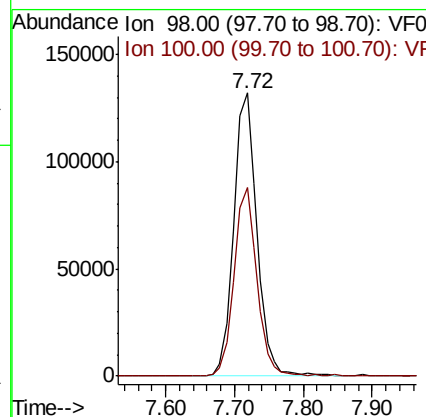
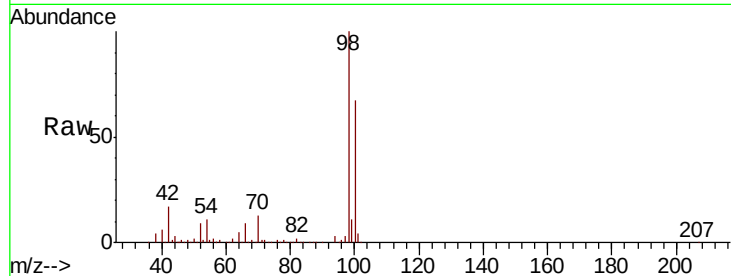
#50
Toluene-d8
Concen: 36.52 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :
WC-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		306546		
100	66.8	55.0	82.6		

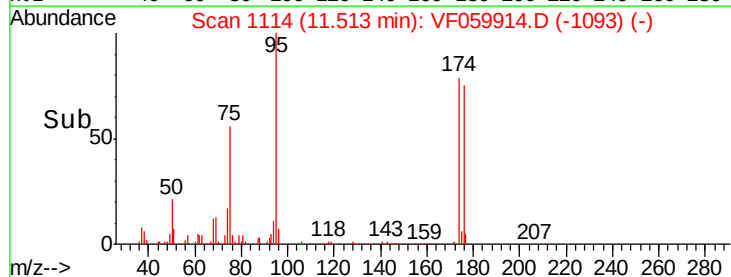
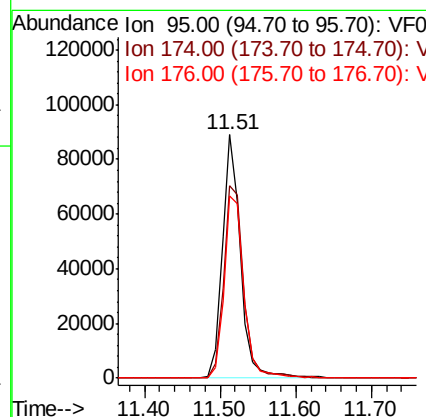
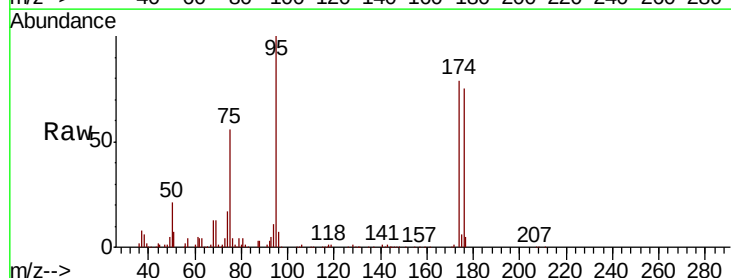
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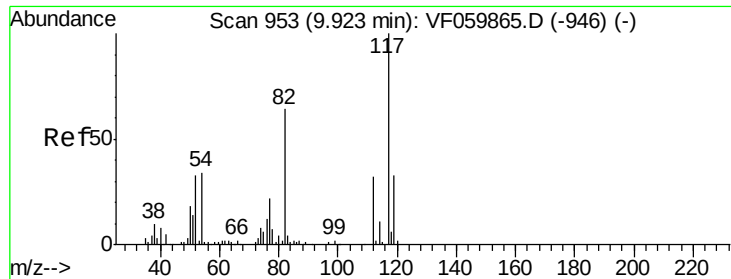
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#62
4-Bromofluorobenzene
Concen: 31.81 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		150040		
174	78.9	0.0	151.6		
176	74.8	0.0	149.8		





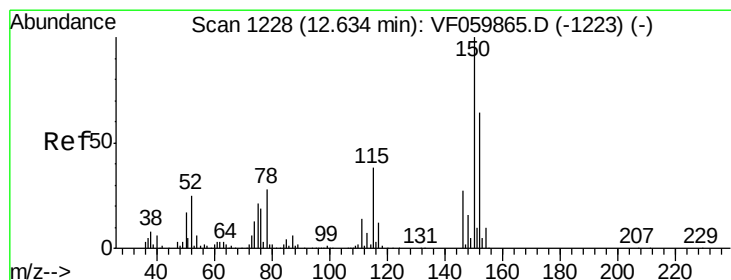
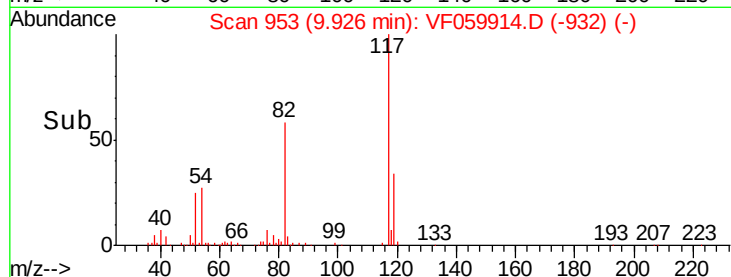
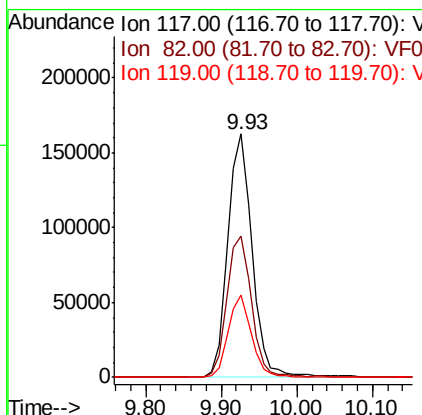
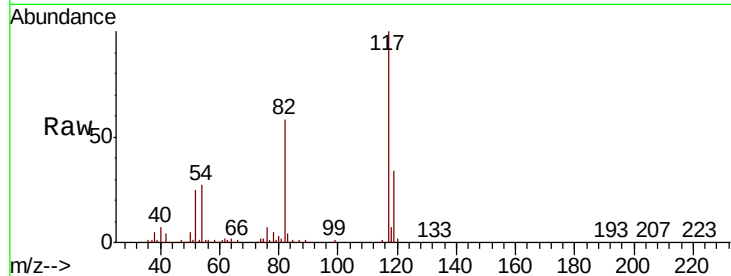
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Instrument :
MSVOA_F
ClientSampleId :
WC-3

Tot Ion	Ratio	Resp	Lower	Upper
117	100	361303		
82	57.8	51.3	76.9	
119	33.6	26.4	39.6	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059914.D
Acq: 7 Aug 2018 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	202219		
115	62.3	29.8	89.4	
150	156.3	0.0	315.6	

