

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
 Data File : VF060422.D
 Acq On : 3 Oct 2018 18:45
 Operator : VA/AP
 Sample : J5200-03
 Misc : 6.24/5mL/MSVOA F/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-100118-B

Manual Integrations
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Quant Time: Oct 04 05:56:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	207472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	351695	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	163351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	116315	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	185279	57.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.14%	
35) Dibromofluoromethane	4.27	113	185288	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.16%	
50) Toluene-d8	7.69	98	110881	13.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.26%	
62) 4-Bromofluorobenzene	11.49	95	134857	36.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.60%	
Target Compounds						
20) Methylene Chloride	2.30	84	22578m	4.456	ug/l	Qvalue
95) Naphthalene	14.51	128	6288	1.275	ug/l #	91

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

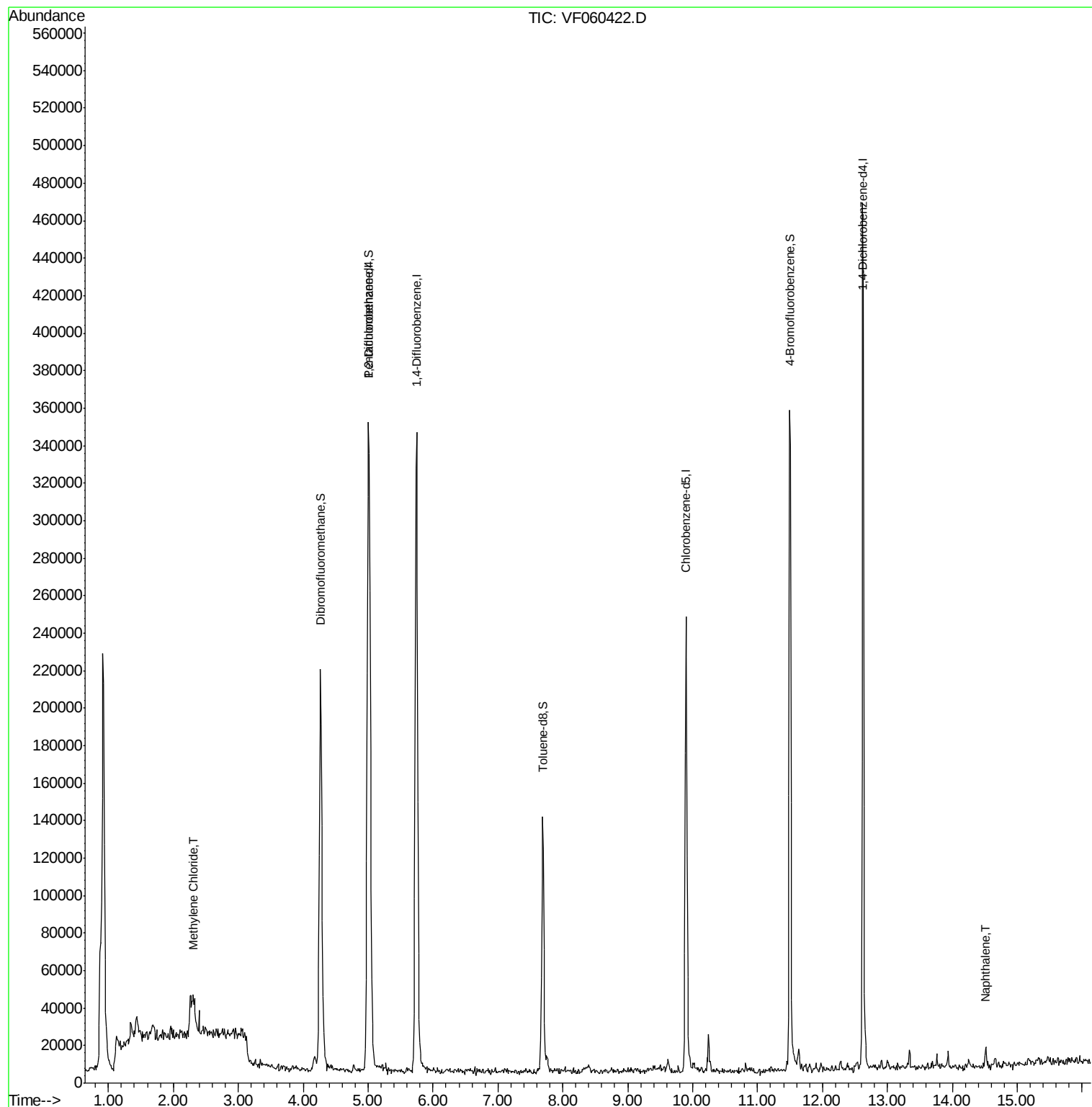
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100318\
Data File : VF060422.D
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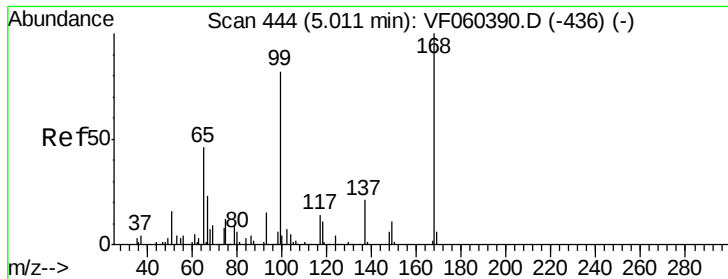
Instrument :
MSVOA_F
ClientSampleId :
OR-02-100118-B

Manual Integrations
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10/4/2018 2:06:40 PM

Quant Time: Oct 04 05:56:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
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Response via : Initial Calibration





#1

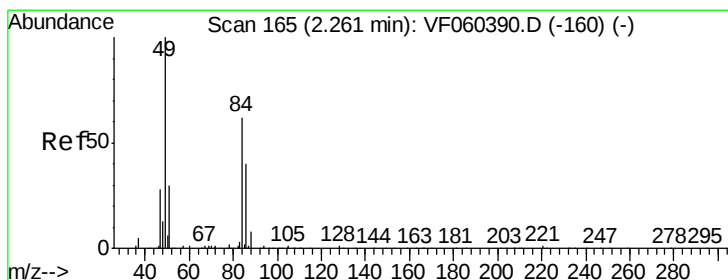
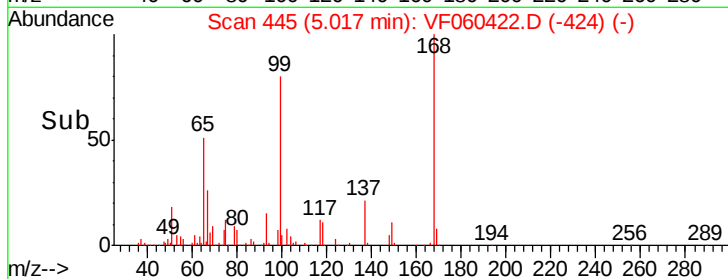
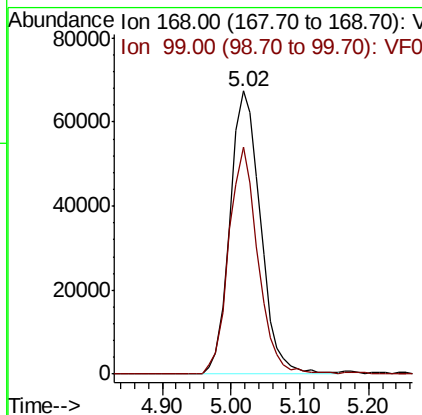
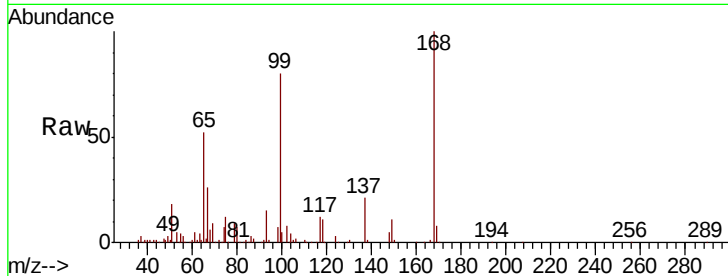
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. 0.01 min
 Lab File: VF060422.D
 Acq: 3 Oct 2018 18:45

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-100118-B

Tot Ion	Ratio	Lower	Upper
168	100		
99	80.3	65.3	97.9

Manual Integrations
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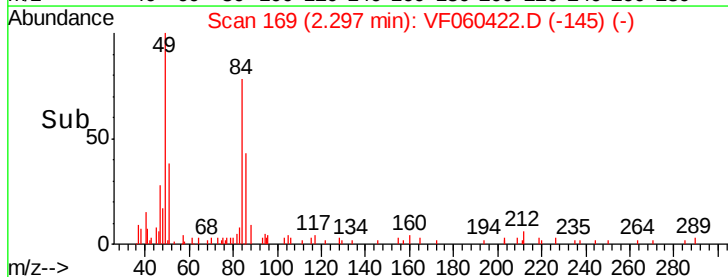
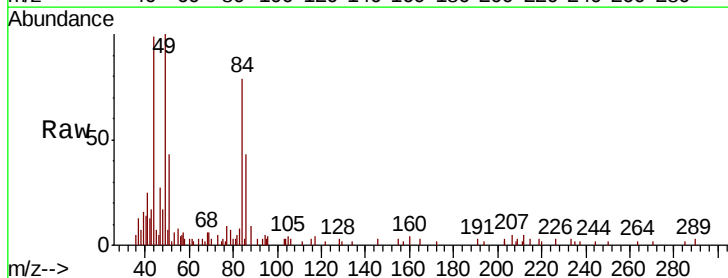
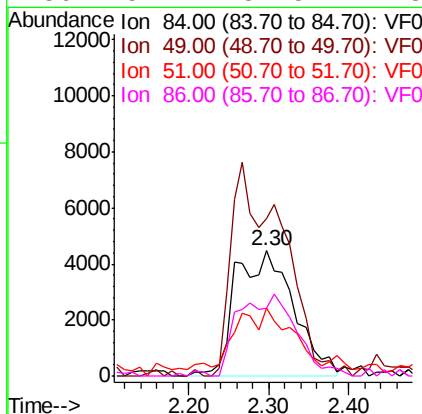
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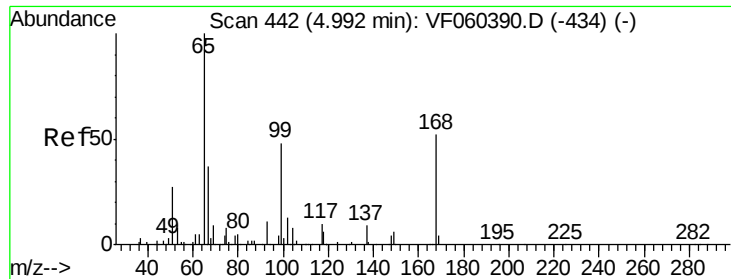


#20

Methylene Chloride
 Concen: 4.456 ug/l m
 RT: 2.30 min Scan# 169
 Delta R.T. 0.04 min
 Lab File: VF060422.D
 Acq: 3 Oct 2018 18:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.1	130.2	195.2#
51	53.9	41.0	61.6
86	54.4	51.5	77.3





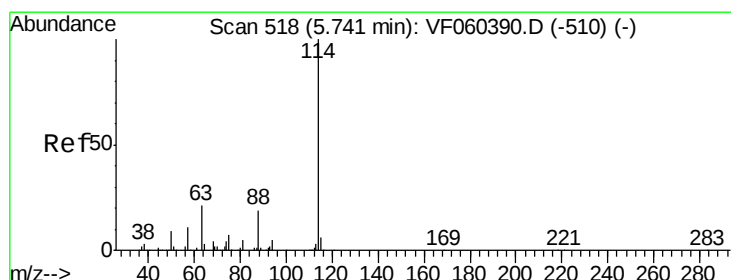
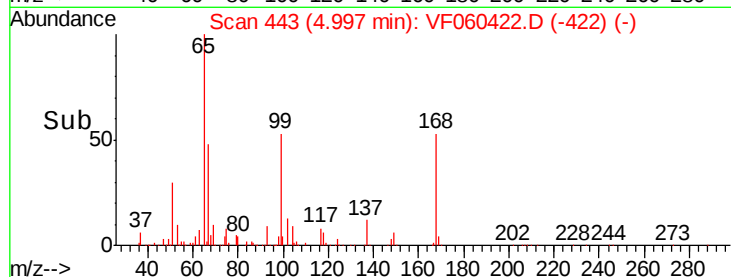
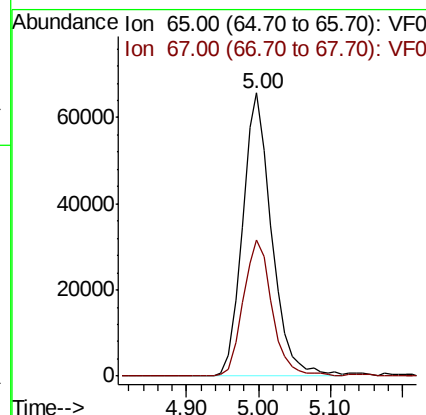
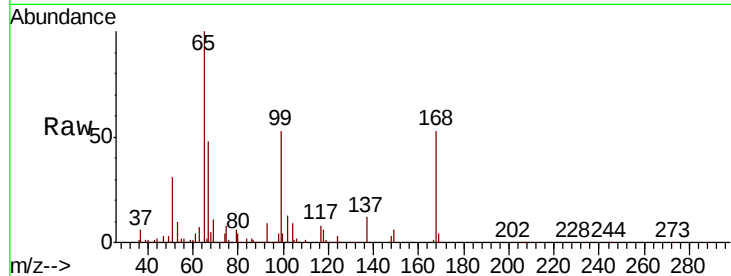
#33
 1,2-Dichloroethane-d4
 Concen: 57.071 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VF060422.D
 Acq: 3 Oct 2018 18:45

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-100118-B

Tot Ion	Ratio	Resp	Lower	Upper
65	100	185279		
67	48.1	0.0	89.4	

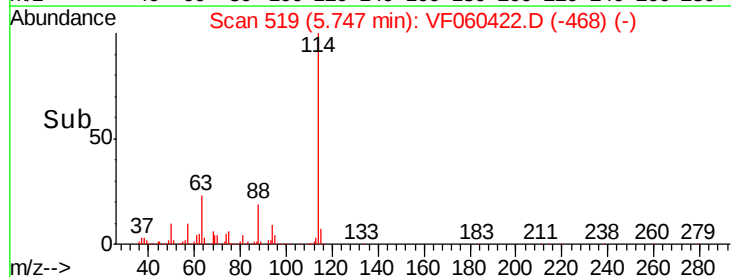
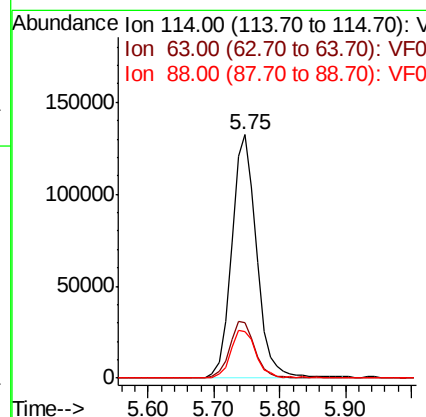
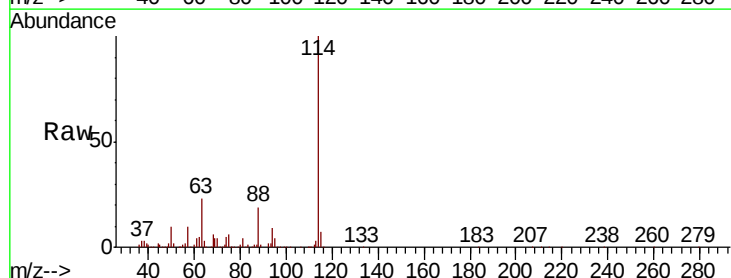
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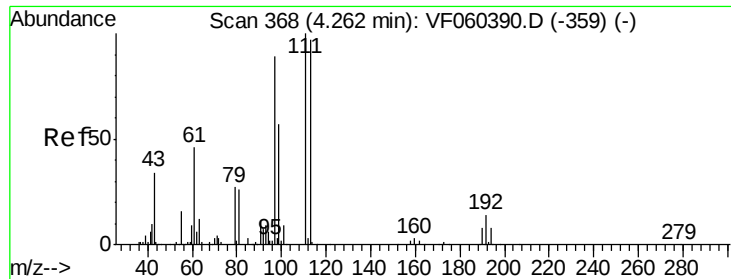
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VF060422.D
 Acq: 3 Oct 2018 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	351695		
63	22.9	0.0	42.2	
88	19.3	0.0	38.8	





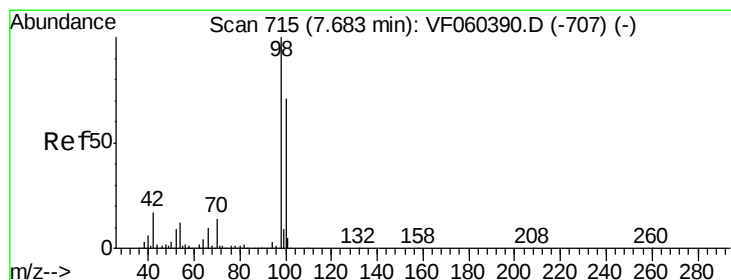
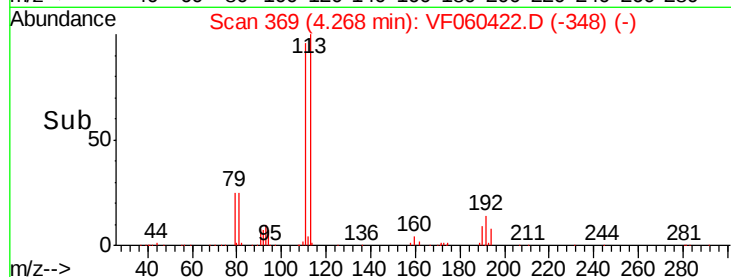
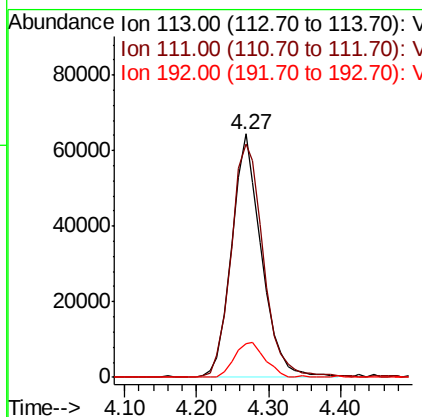
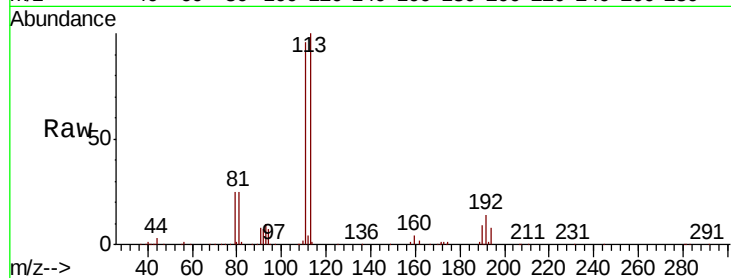
#35
 Dibromofluoromethane
 Concen: 56.081 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: VF060422.D
 Acq: 3 Oct 2018 18:45

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-02-100118-B

Tot Ion	Ratio	Lower	Upper
113	100		
111	96.1	82.3	123.5
192	14.1	11.8	17.6

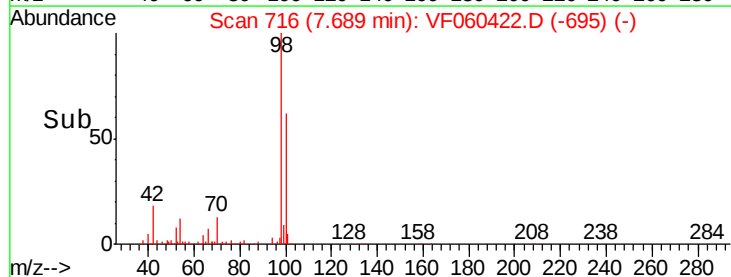
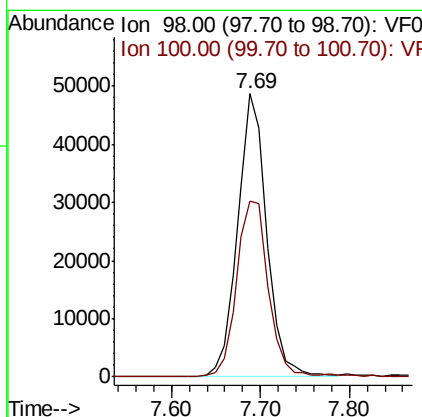
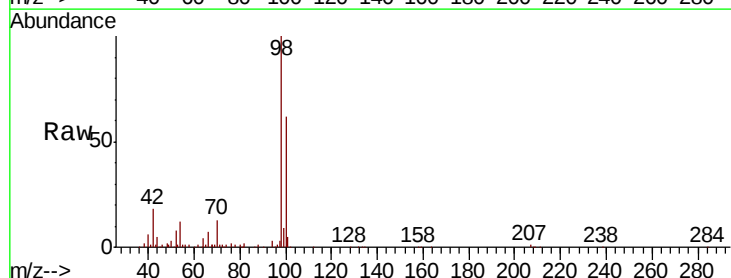
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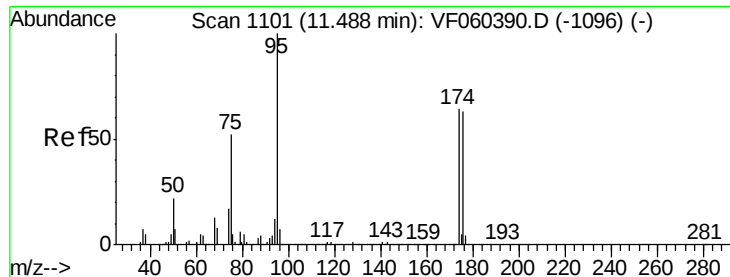
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#50
 Toluene-d8
 Concen: 13.627 ug/l
 RT: 7.69 min Scan# 716
 Delta R.T. 0.01 min
 Lab File: VF060422.D
 Acq: 3 Oct 2018 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.3	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 36.298 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF060422.D

Acq: 3 Oct 2018 18:45

Instrument :

MSVOA_F

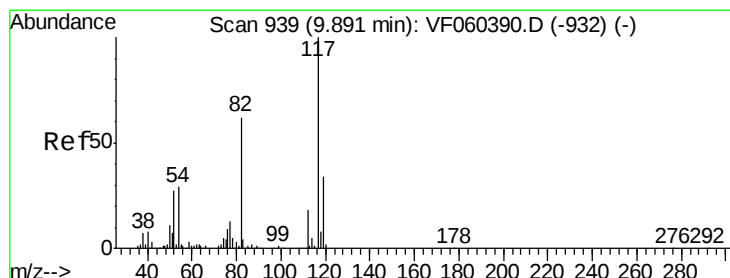
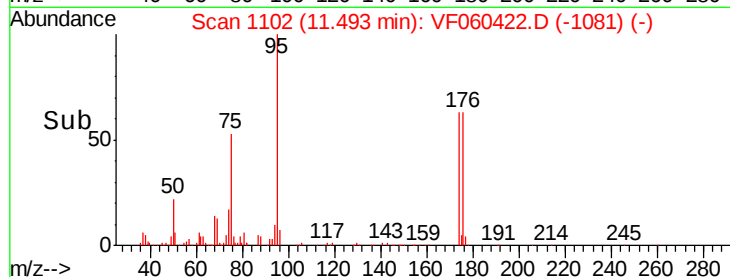
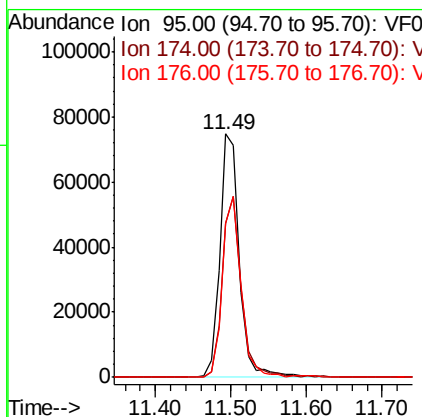
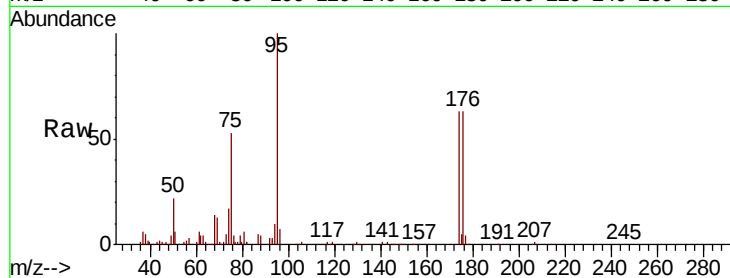
ClientSampleId :

OR-02-100118-B

Tot Ion:	95	Resp:	134857
Ion Ratio	Lower	Upper	
95	100		
174	63.3	0.0	129.0
176	63.2	0.0	125.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

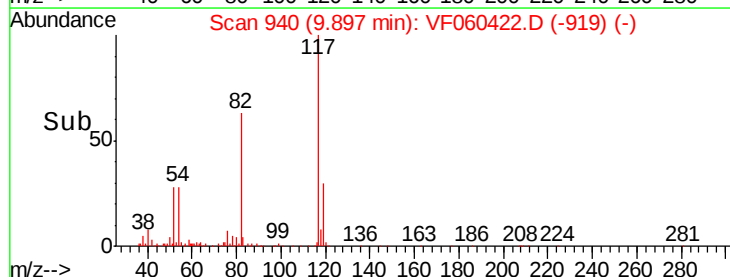
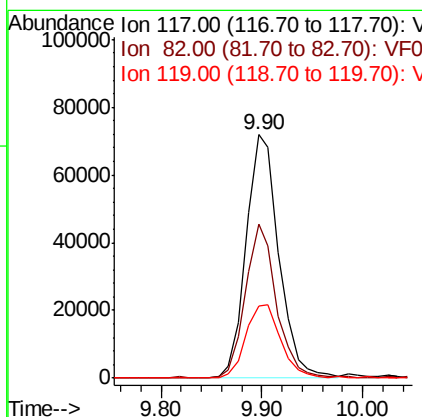
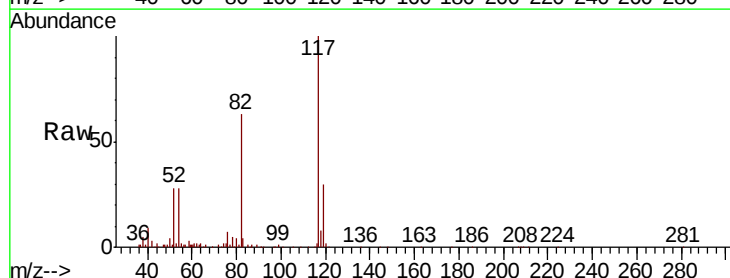
RT: 9.90 min Scan# 940

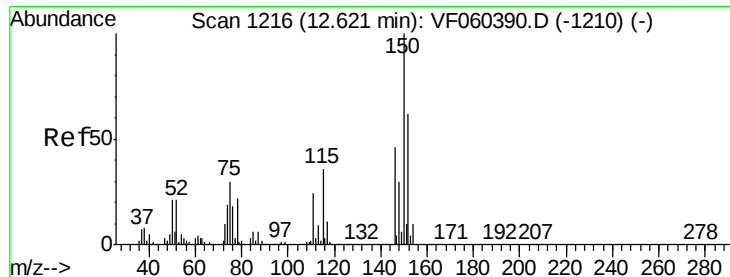
Delta R.T. 0.01 min

Lab File: VF060422.D

Acq: 3 Oct 2018 18:45

Tgt Ion:	117	Resp:	163351
Ion Ratio	Lower	Upper	
117	100		
82	63.5	49.5	74.3
119	29.7	27.0	40.6





#72

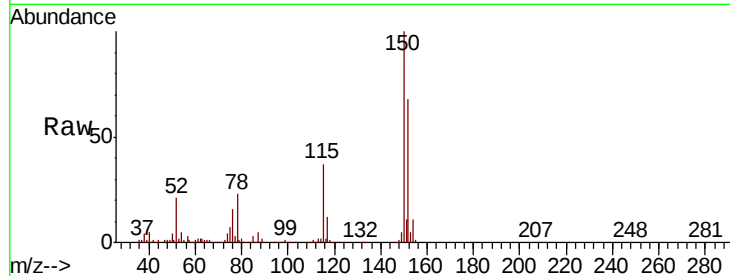
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Instrument :
MSVOA_F
ClientSampleId :
OR-02-100118-B

Tot Ion	Ratio	Resp	Lower	Upper
152	100	116315		
115	54.8	28.6	85.8	
150	147.1	0.0	324.6	

Manual Integrations
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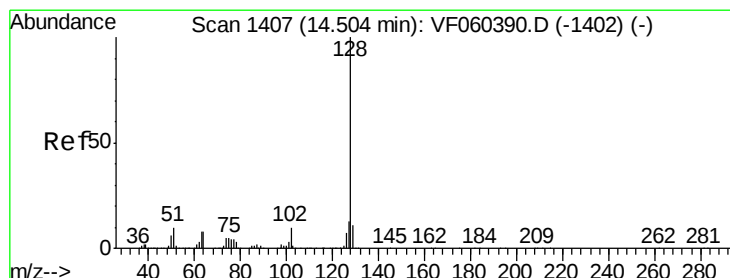
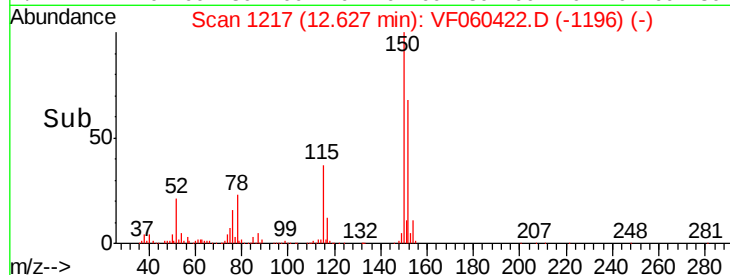
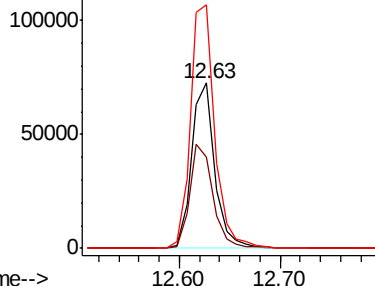


Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

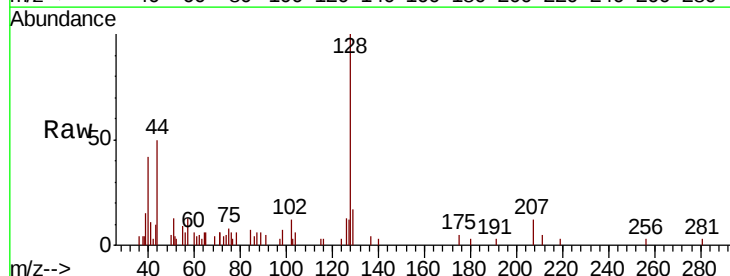
Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene
Concen: 1.275 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.01 min
Lab File: VF060422.D
Acq: 3 Oct 2018 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	6288		
127	11.5	10.0	15.0	
129	17.1	8.7	13.1	



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

