

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100518\
 Data File : VF060475.D
 Acq On : 6 Oct 2018 00:42
 Operator : VA/AP
 Sample : J5084-20
 Misc : 6.27/5mL/MSVOA F/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-3(14.5-15)

Manual Integrations
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 10/8/2018 9:43:55 AM

Quant Time: Oct 06 05:49:09 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	348168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	597143	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	506970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	270194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	148443	27.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.50%	
35) Dibromofluoromethane	4.28	113	185241	33.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.04%	
50) Toluene-d8	7.69	98	419623	30.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.74%	
62) 4-Bromofluorobenzene	11.49	95	193112	30.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.22%	
Target Compounds						
20) Methylene Chloride	2.27	84	27418m	1.492	ug/l	
95) Naphthalene	14.51	128	51182	4.467	ug/l	98

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

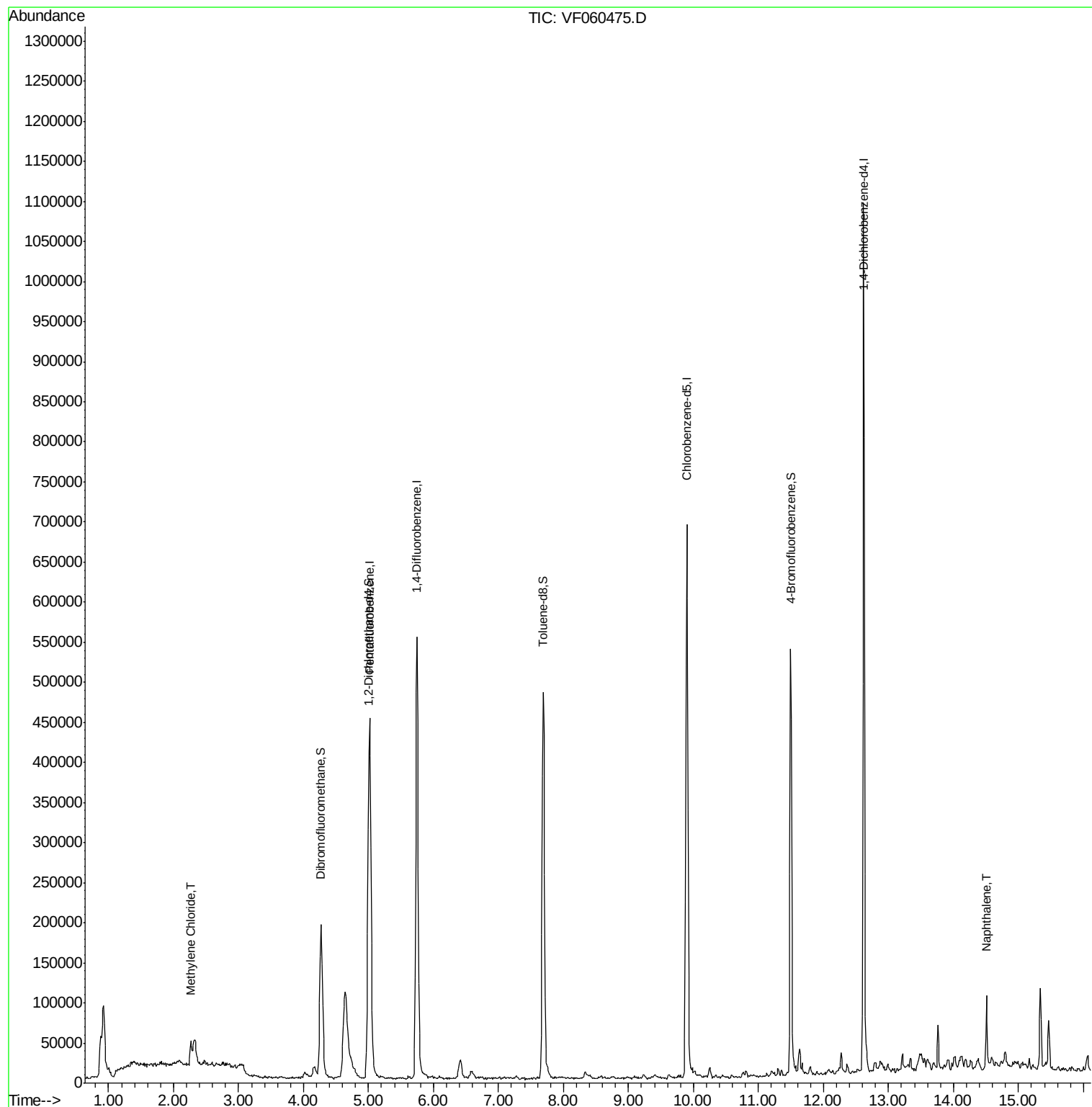
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100518\
Data File : VF060475.D
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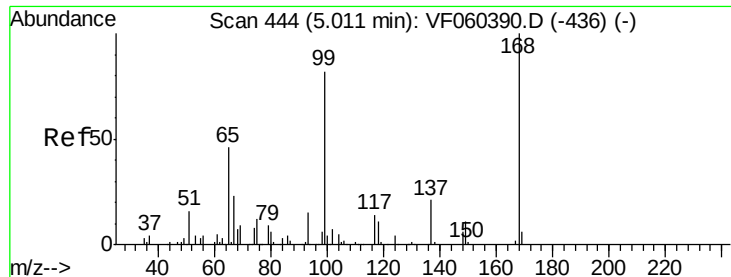
Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)

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Quant Time: Oct 06 05:49:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
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: VF060475.D

Acq: 6 Oct 2018 00:42

Instrument :

MSVOA_F

ClientSampled :

B-3(14.5-15)

Tot Ion:168 Resp: 348168

Ion Ratio Lower Upper

168 100

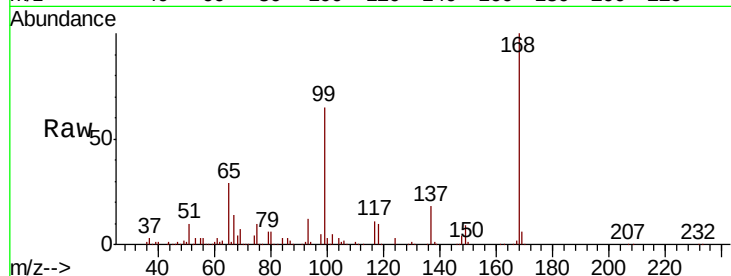
99 65.0 65.3 97.9#

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

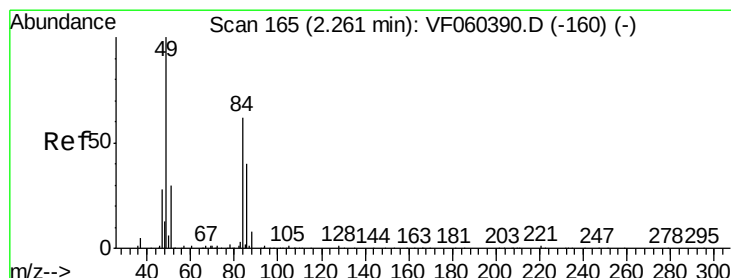
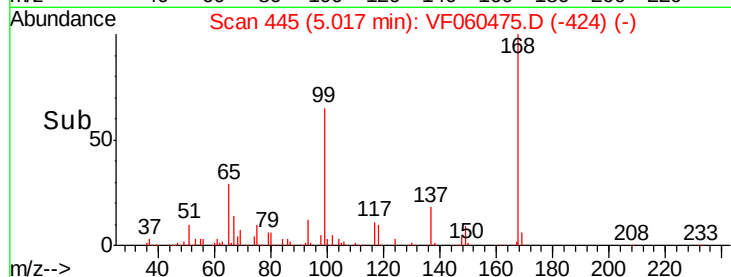
5.02

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.492 ug/l m

RT: 2.27 min Scan# 166

Delta R.T. 0.01 min

Lab File: VF060475.D

Acq: 6 Oct 2018 00:42

Tgt Ion: 84 Resp: 27418

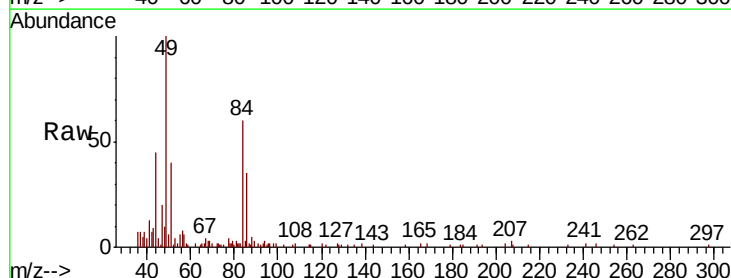
Ion Ratio Lower Upper

84 100

49 168.1 130.2 195.2

51 66.4 41.0 61.6#

86 58.7 51.5 77.3



Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

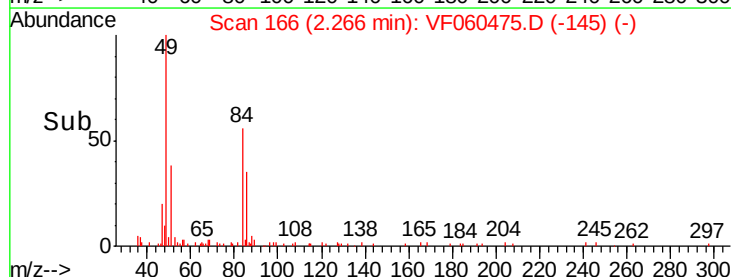
15000

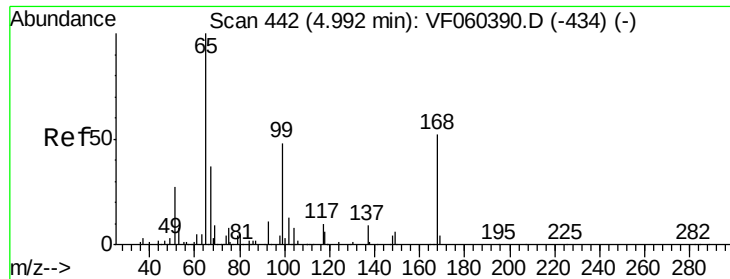
10000

5000

0

Time-->





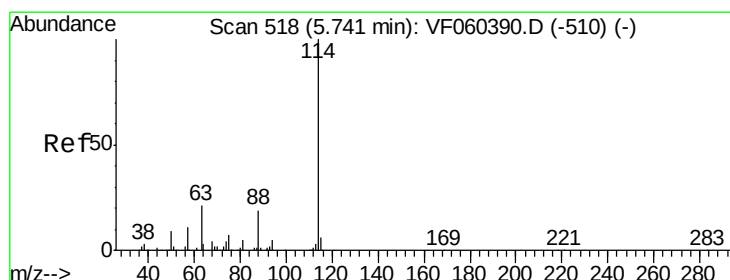
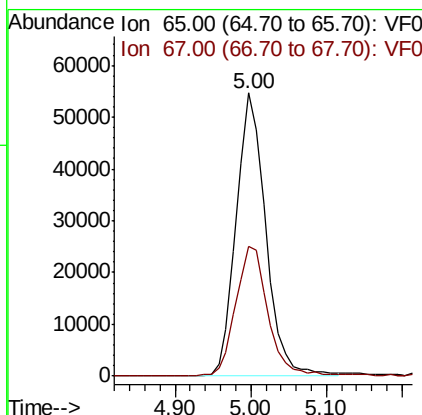
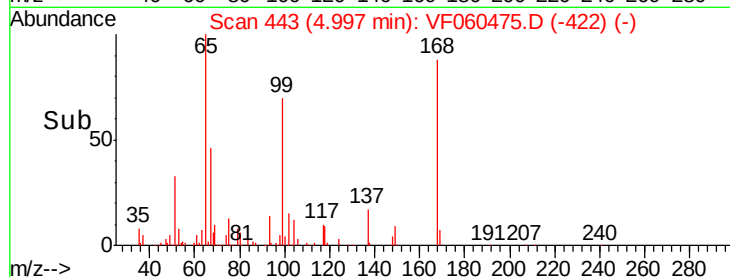
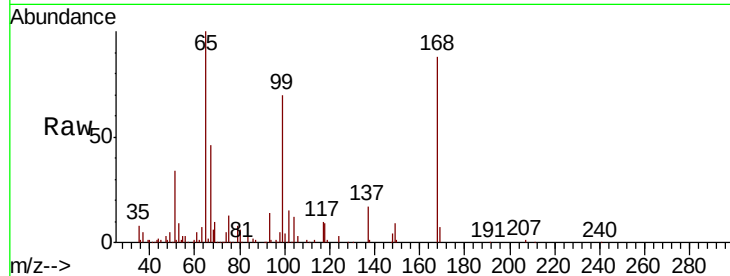
#33
 1,2-Dichloroethane-d4
 Concen: 27.247 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VF060475.D
 Acq: 6 Oct 2018 00:42

Instrument :
 MSVOA_F
 ClientSampleId :
 B-3(14.5-15)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	148443		
67	46.0	0.0	89.4	

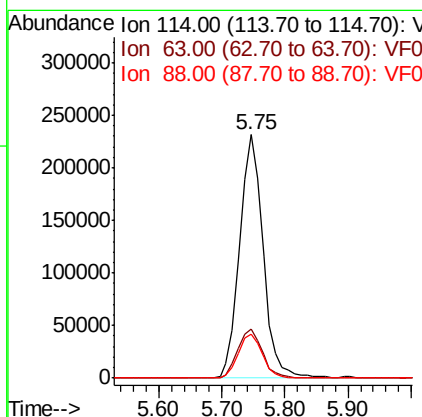
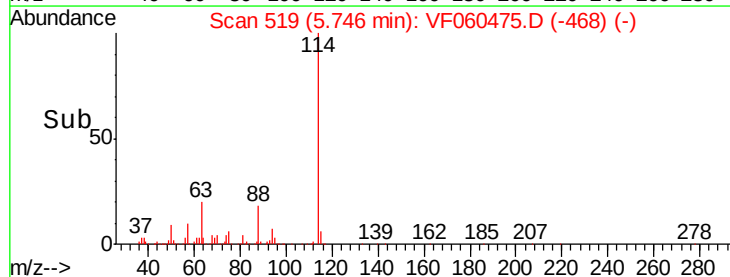
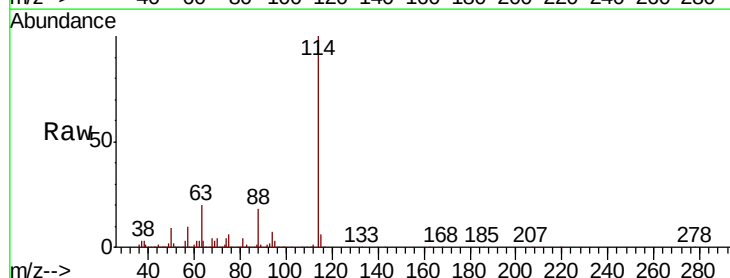
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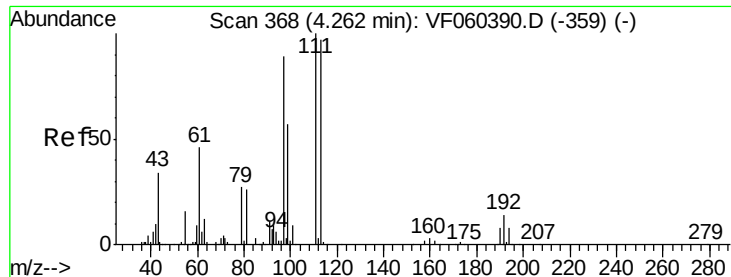
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VF060475.D
 Acq: 6 Oct 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	597143		
63	20.1	0.0	42.2	
88	18.1	0.0	38.8	





#35

Dibromofluoromethane

Concen: 33.021 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.02 min

Lab File: VF060475.D

Acq: 6 Oct 2018 00:42

Instrument :

MSVOA_F

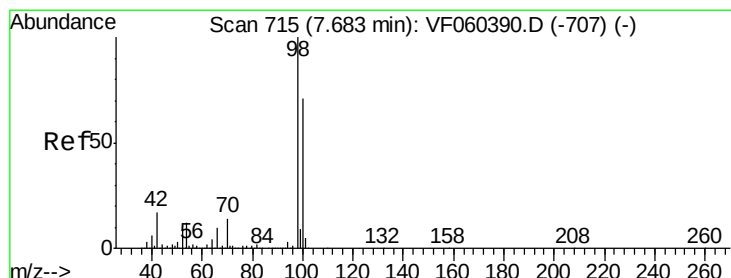
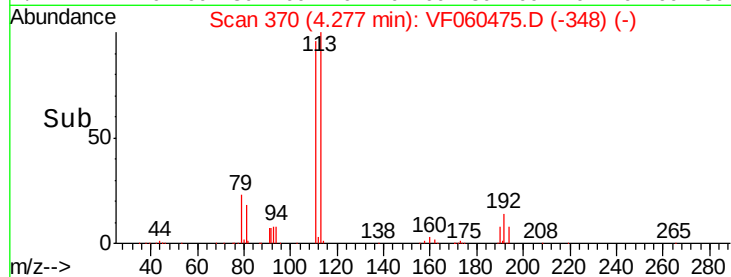
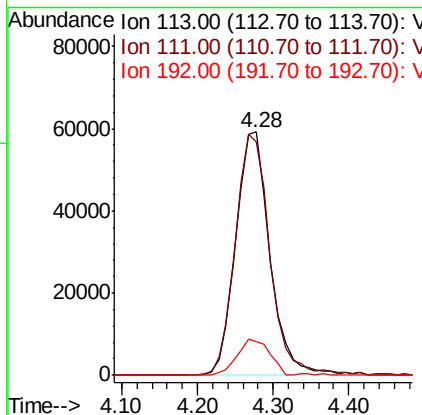
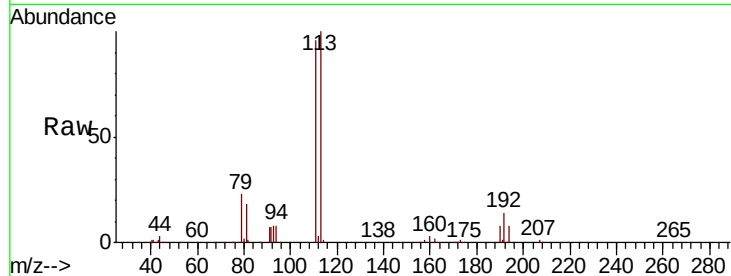
ClientSampleId :

B-3(14.5-15)

Tot Ion:	113	Resp:	185241
Ion Ratio	Lower	Upper	
113	100		
111	95.6	82.3	123.5
192	14.1	11.8	17.6

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#50

Toluene-d8

Concen: 30.373 ug/l

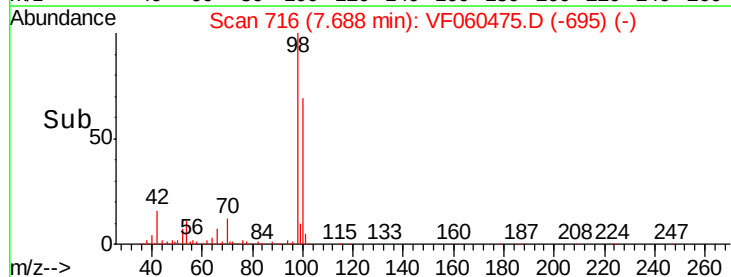
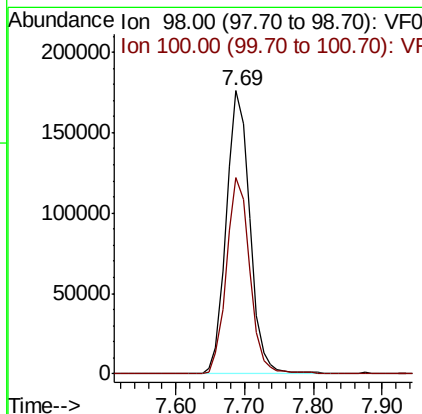
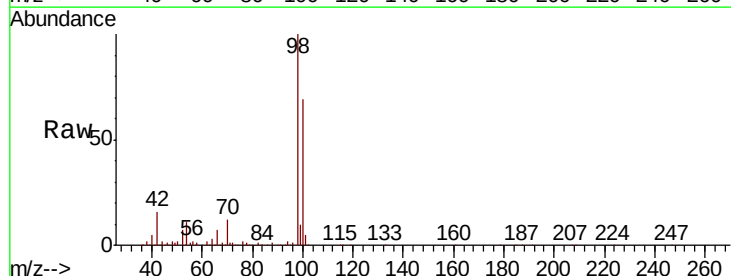
RT: 7.69 min Scan# 716

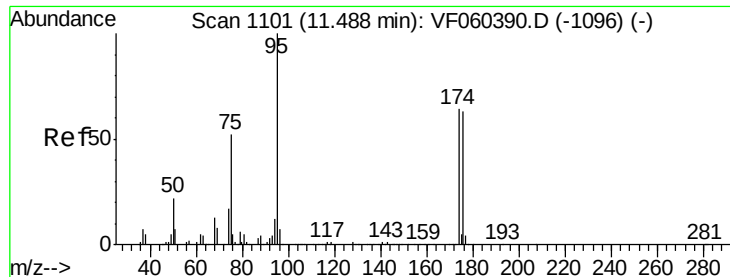
Delta R.T. 0.01 min

Lab File: VF060475.D

Acq: 6 Oct 2018 00:42

Tgt Ion:	98	Resp:	419623
Ion Ratio	Lower	Upper	
98	100		
100	69.2	56.5	84.7





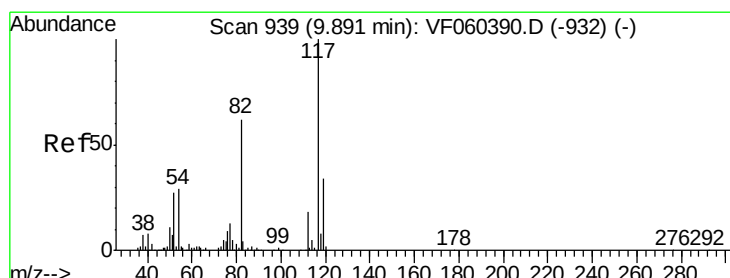
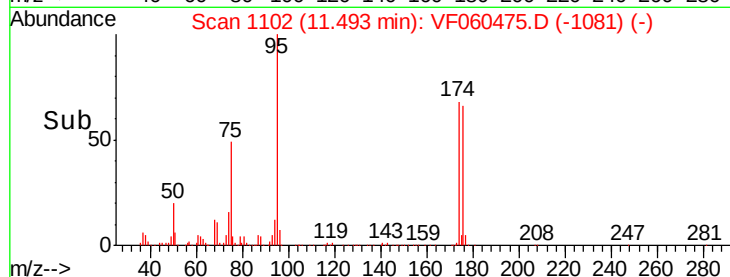
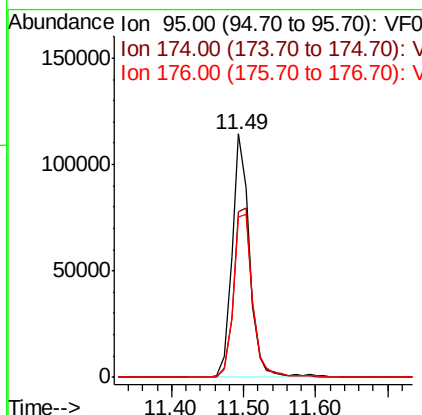
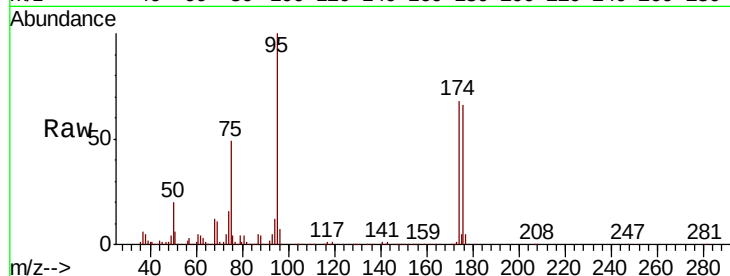
#62
4-Bromofluorobenzene
Concen: 30.613 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	193112		
174	67.8	0.0	129.0	
176	65.7	0.0	125.6	

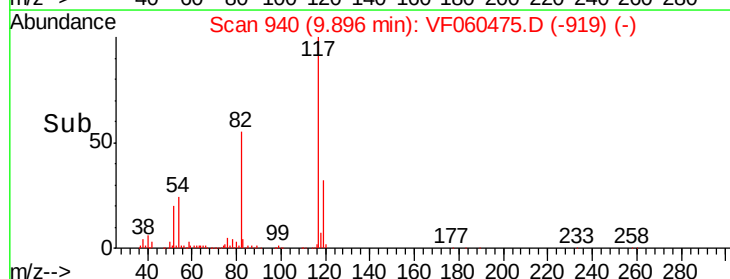
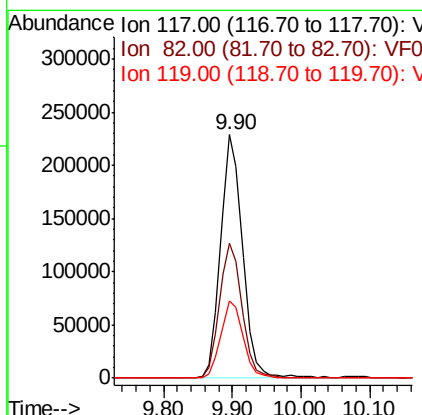
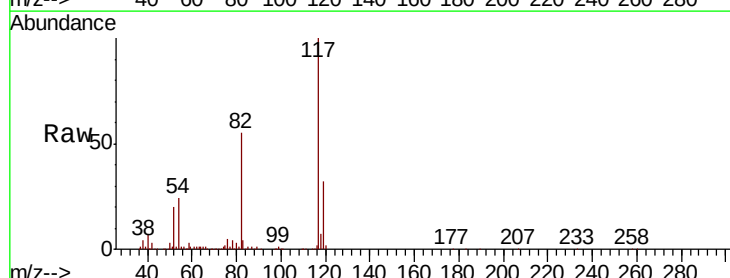
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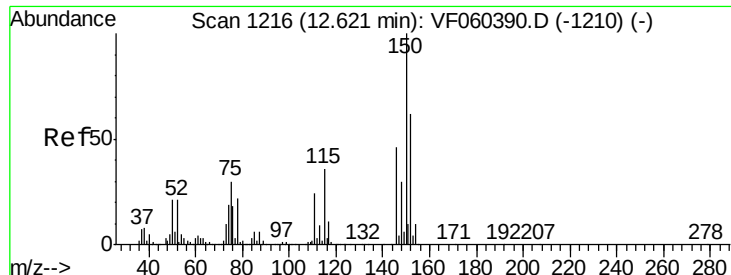
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	506970		
82	55.5	49.5	74.3	
119	31.6	27.0	40.6	





#72

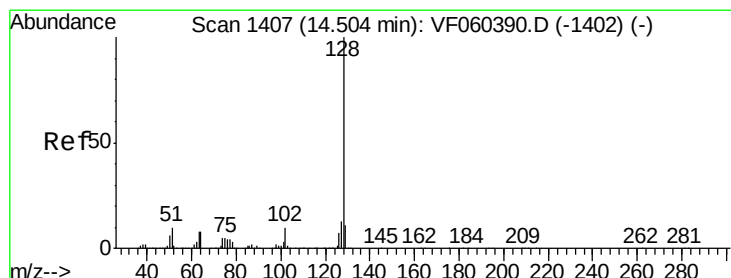
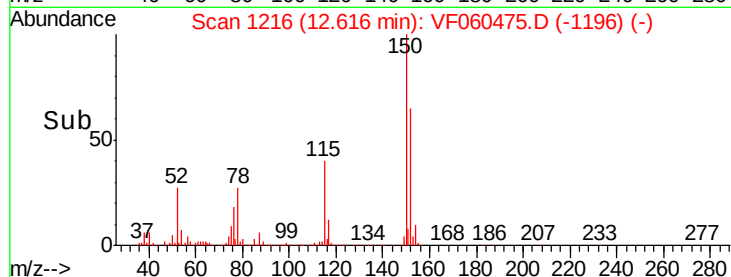
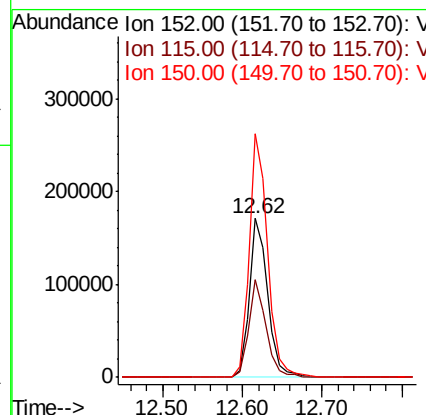
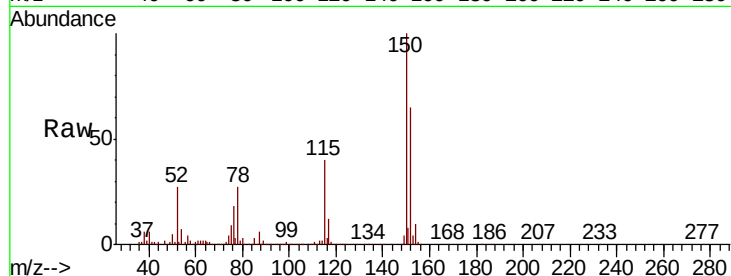
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Instrument :
MSVOA_F
ClientSampleId :
B-3(14.5-15)

Tot Ion	Ratio	Resp	Lower	Upper
152	100	270194		
115	61.3	28.6	85.8	
150	153.6	0.0	324.6	

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#95

Naphthalene
Concen: 4.467 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. 0.01 min
Lab File: VF060475.D
Acq: 6 Oct 2018 00:42

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	51182		
127	13.6	10.0	15.0	
129	10.3	8.7	13.1	

