

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\
 Data File : VF060457.D
 Acq On : 5 Oct 2018 1:02
 Operator : VA/AP
 Sample : J5195-01
 Misc : 6.39/5mL/MSVOA F/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-100418

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Quant Time: Oct 05 02:06:19 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	209845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	336691	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	181826	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	95063	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	104409	31.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.60%	
35) Dibromofluoromethane	4.27	113	119008	37.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.26%	
50) Toluene-d8	7.69	98	150116	19.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.54%	
62) 4-Bromofluorobenzene	11.50	95	80824	22.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	45.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	2.27	84	25161m	5.548	ug/l	

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

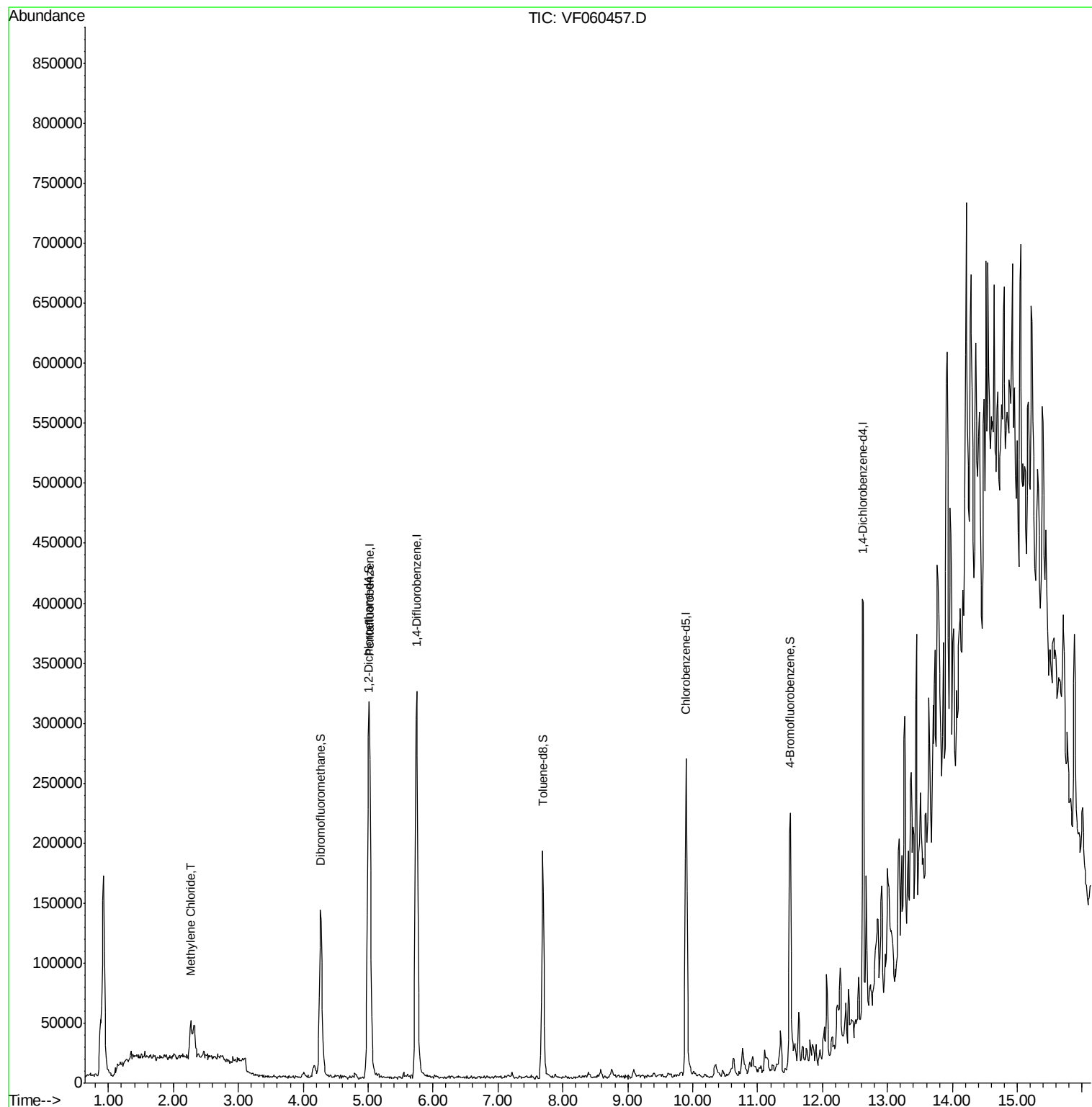
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100418\
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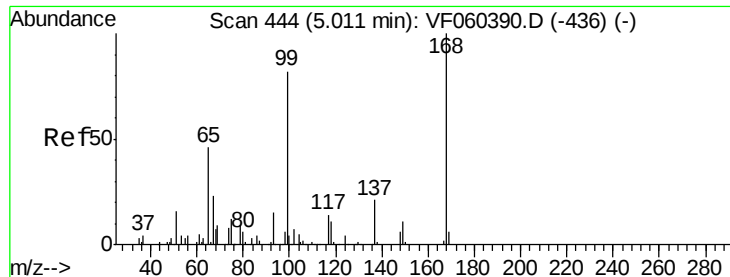
Instrument :
MSVOA_F
ClientSampleId :
JC-02-100418

Quant Time: Oct 05 02:06:19 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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.01 min

Lab File: VF060457.D

Acq: 5 Oct 2018 1:02

Instrument :

MSVOA_F

ClientSampleId :

JC-02-100418

Tot Ion:168 Resp: 209845

Ion Ratio Lower Upper

168 100

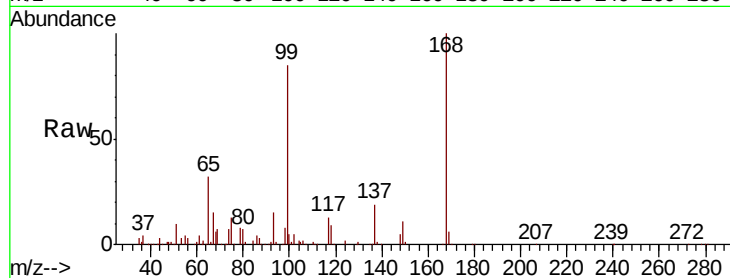
99 84.8 65.3 97.9

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.02

80000

60000

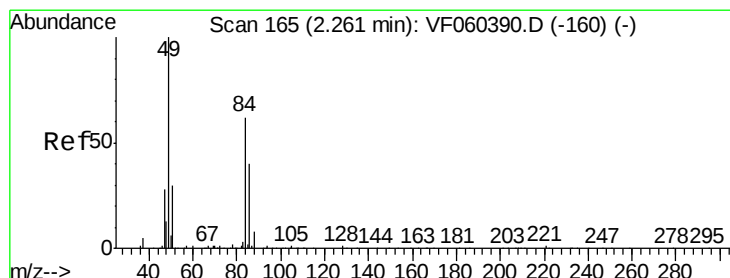
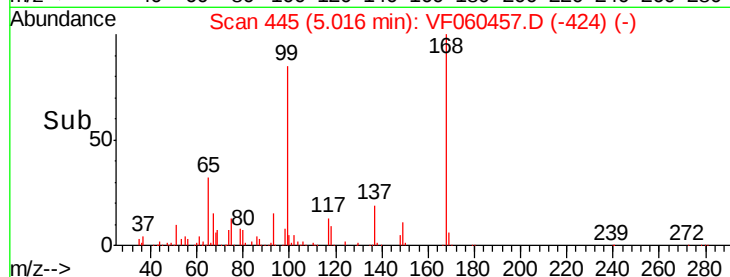
40000

20000

0

4.90 5.00 5.10 5.20

Time-->



#20

Methylene Chloride

Concen: 5.548 ug/l m

RT: 2.27 min Scan# 166

Delta R.T. 0.01 min

Lab File: VF060457.D

Acq: 5 Oct 2018 1:02

Tgt Ion: 84 Resp: 25161

Ion Ratio Lower Upper

84 100

49 143.4 130.2 195.2

51 31.8 41.0 61.6#

86 63.1 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

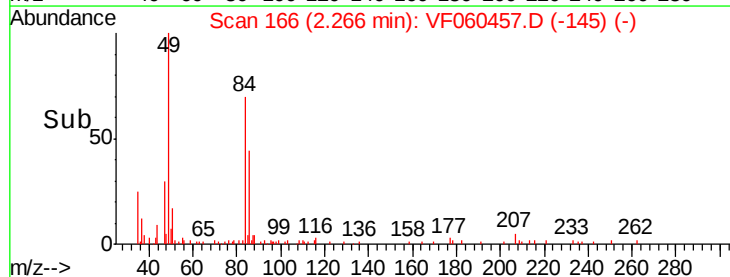
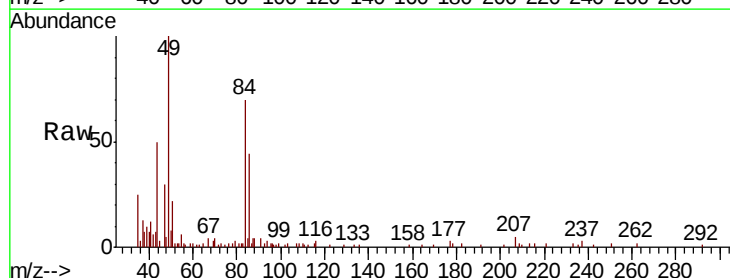
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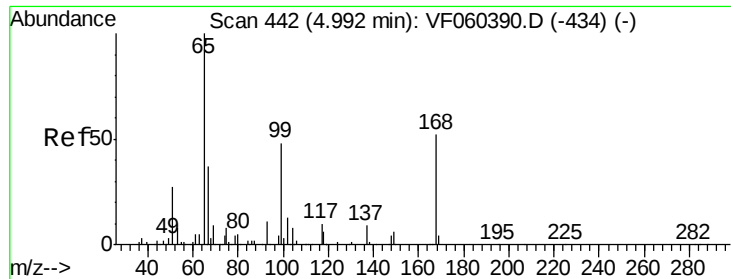
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0

2.20 2.30 2.40

Time-->





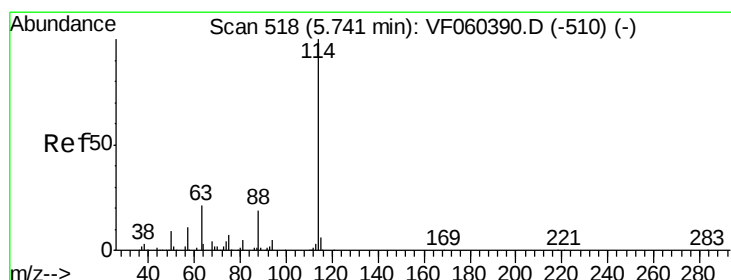
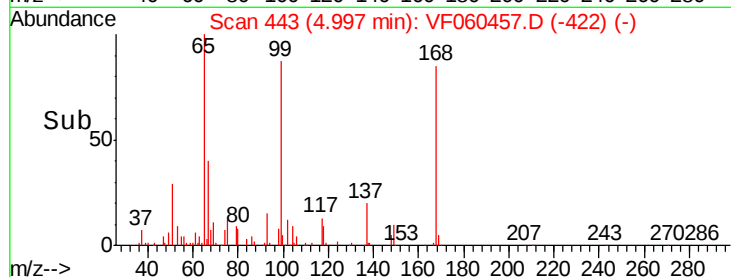
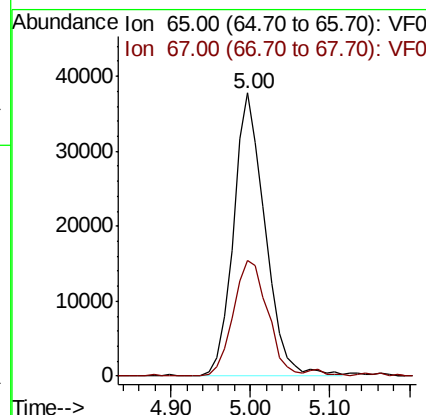
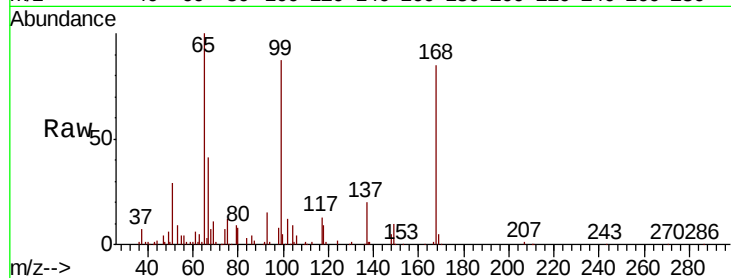
#33
 1,2-Dichloroethane-d4
 Concen: 31.797 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VF060457.D
 Acq: 5 Oct 2018 1:02

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-100418

Tot Ion	Ratio	Resp	Lower	Upper
65	100	104409		
67	40.8	0.0	89.4	

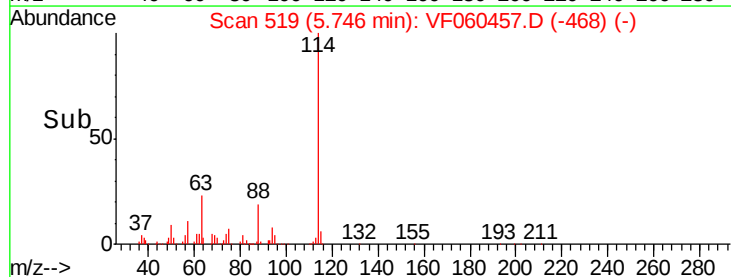
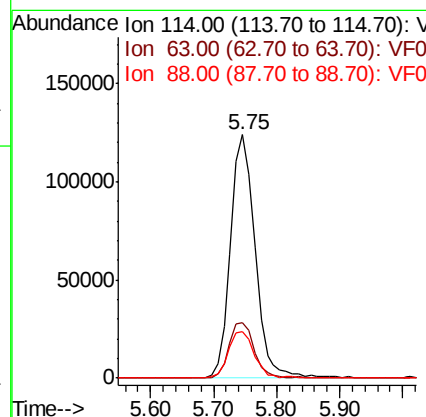
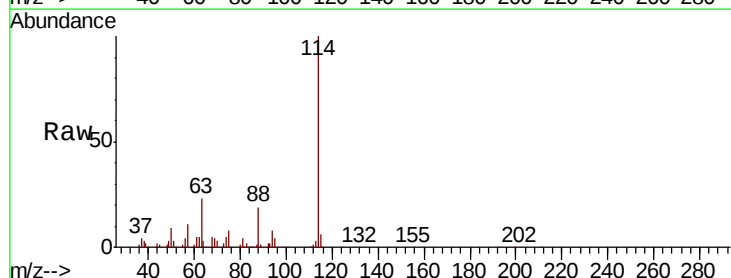
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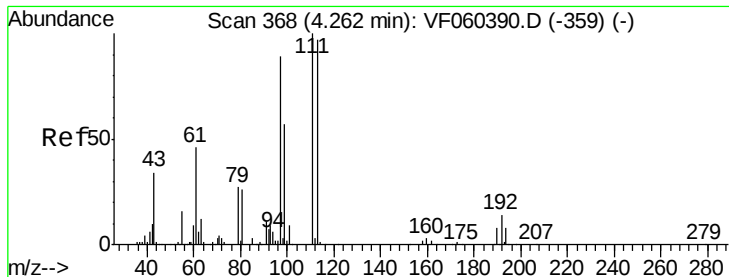
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. 0.01 min
 Lab File: VF060457.D
 Acq: 5 Oct 2018 1:02

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	336691		
63	22.5	0.0	42.2	
88	19.4	0.0	38.8	





#35

Dibromofluoromethane

Concen: 37.625 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060457.D

Acq: 5 Oct 2018 1:02

Instrument :

MSVOA_F

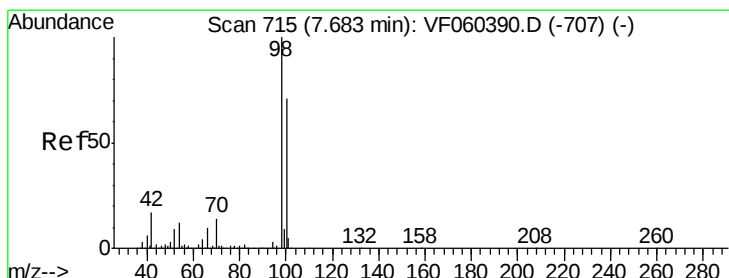
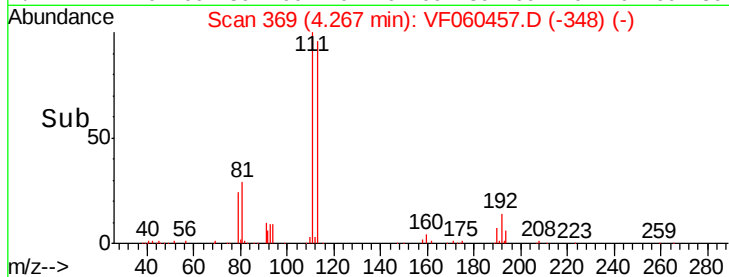
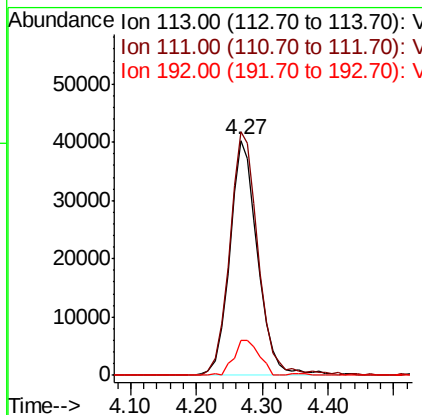
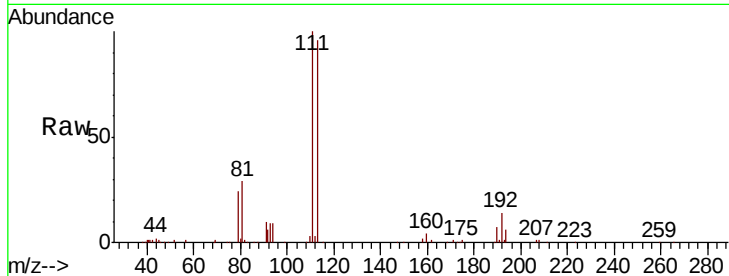
ClientSampleId :

JC-02-100418

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.3	123.5
192	14.7	11.8	17.6

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#50

Toluene-d8

Concen: 19.271 ug/l

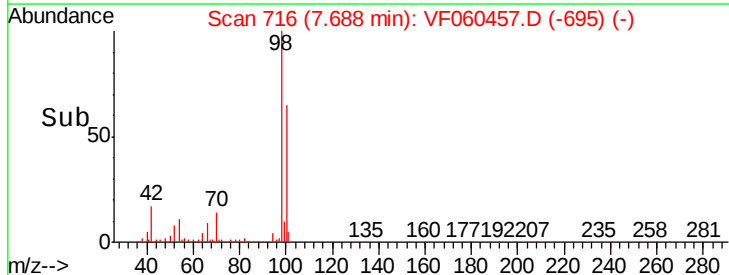
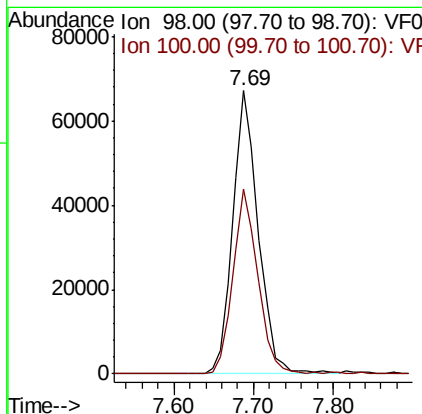
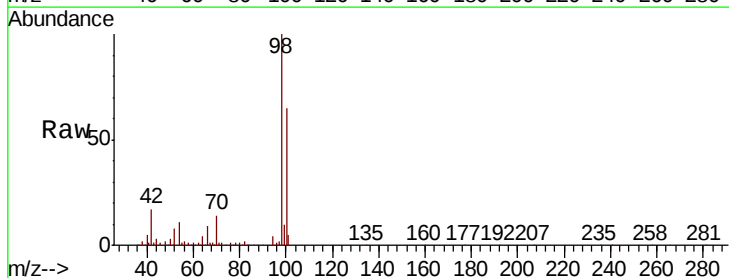
RT: 7.69 min Scan# 716

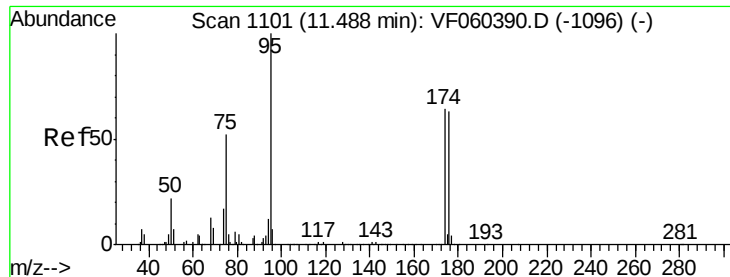
Delta R.T. 0.01 min

Lab File: VF060457.D

Acq: 5 Oct 2018 1:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	56.5	84.7





#62

4-Bromofluorobenzene

Concen: 22.724 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VF060457.D

Acq: 5 Oct 2018 1:02

Instrument :

MSVOA_F

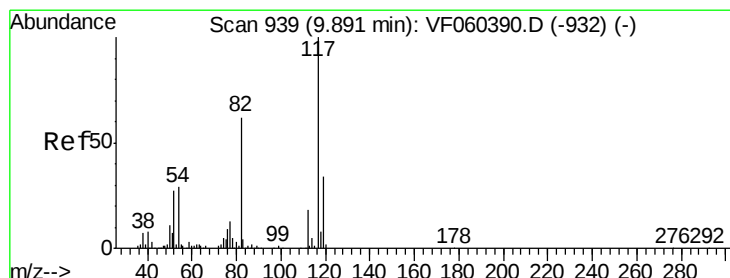
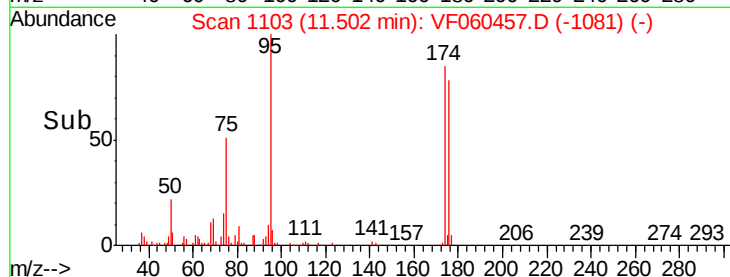
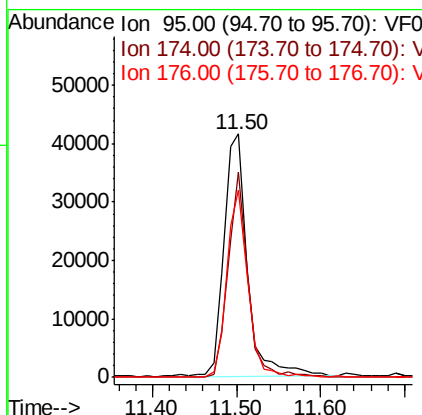
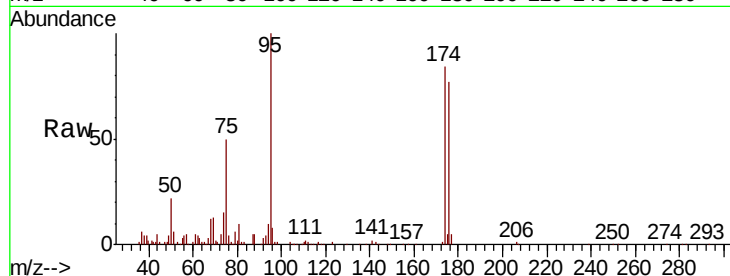
ClientSampleId :

JC-02-100418

Tot Ion:	95	Resp:	80824
Ion Ratio	Lower	Upper	
95	100		
174	84.1	0.0	129.0
176	77.0	0.0	125.6

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

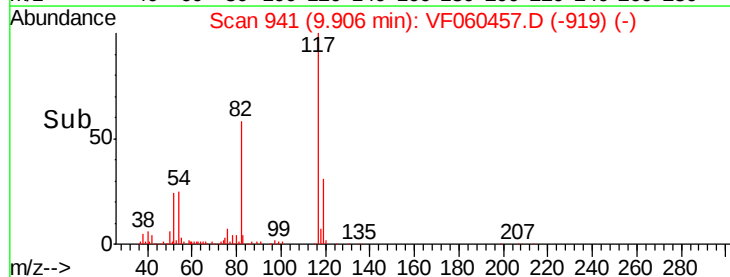
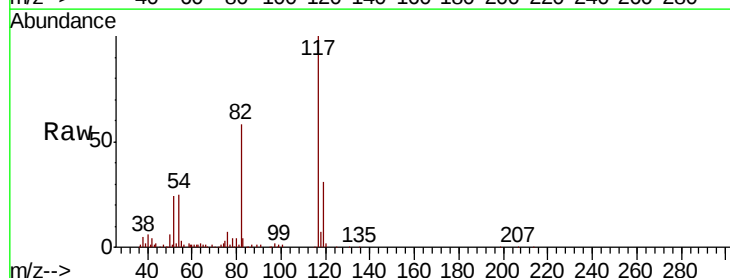
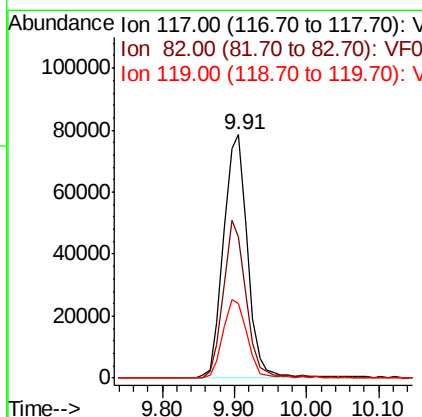
RT: 9.91 min Scan# 941

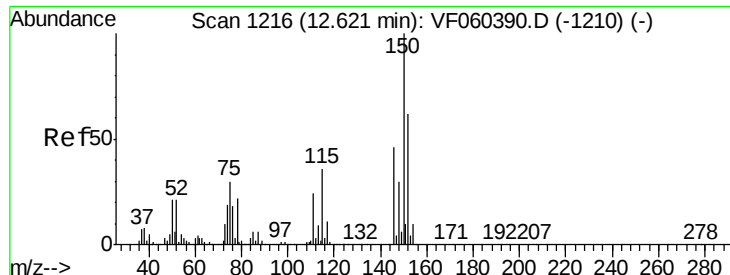
Delta R.T. 0.01 min

Lab File: VF060457.D

Acq: 5 Oct 2018 1:02

Tgt Ion:	117	Resp:	181826
Ion Ratio	Lower	Upper	
117	100		
82	58.0	49.5	74.3
119	30.9	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: VF060457.D

Acq: 5 Oct 2018 1:02

Instrument :

MSVOA_F

ClientSampleId :

JC-02-100418

Tot Ion:152 Resp: 95063

Ion Ratio Lower Upper

152 100

115 56.0 28.6 85.8

150 159.4 0.0 324.6

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