

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062060.D
 Acq On : 21 Mar 2019 14:59
 Operator : VA/AP
 Sample : K1688-23
 Misc : 6.70g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-031919-B

Manual Integrations
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 3/23/2019 2:59:18 AM

Quant Time: Mar 22 08:29:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.88	168	289123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.61	114	462545	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	368771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	192041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	105228	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
35) Dibromofluoromethane	4.12	113	153929	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
50) Toluene-d8	7.56	98	376942	41.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.02%	
62) 4-Bromofluorobenzene	11.42	95	151121	41.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
20) Methylene Chloride	2.19	84	21002m	8.613	ug/l	Qvalue

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

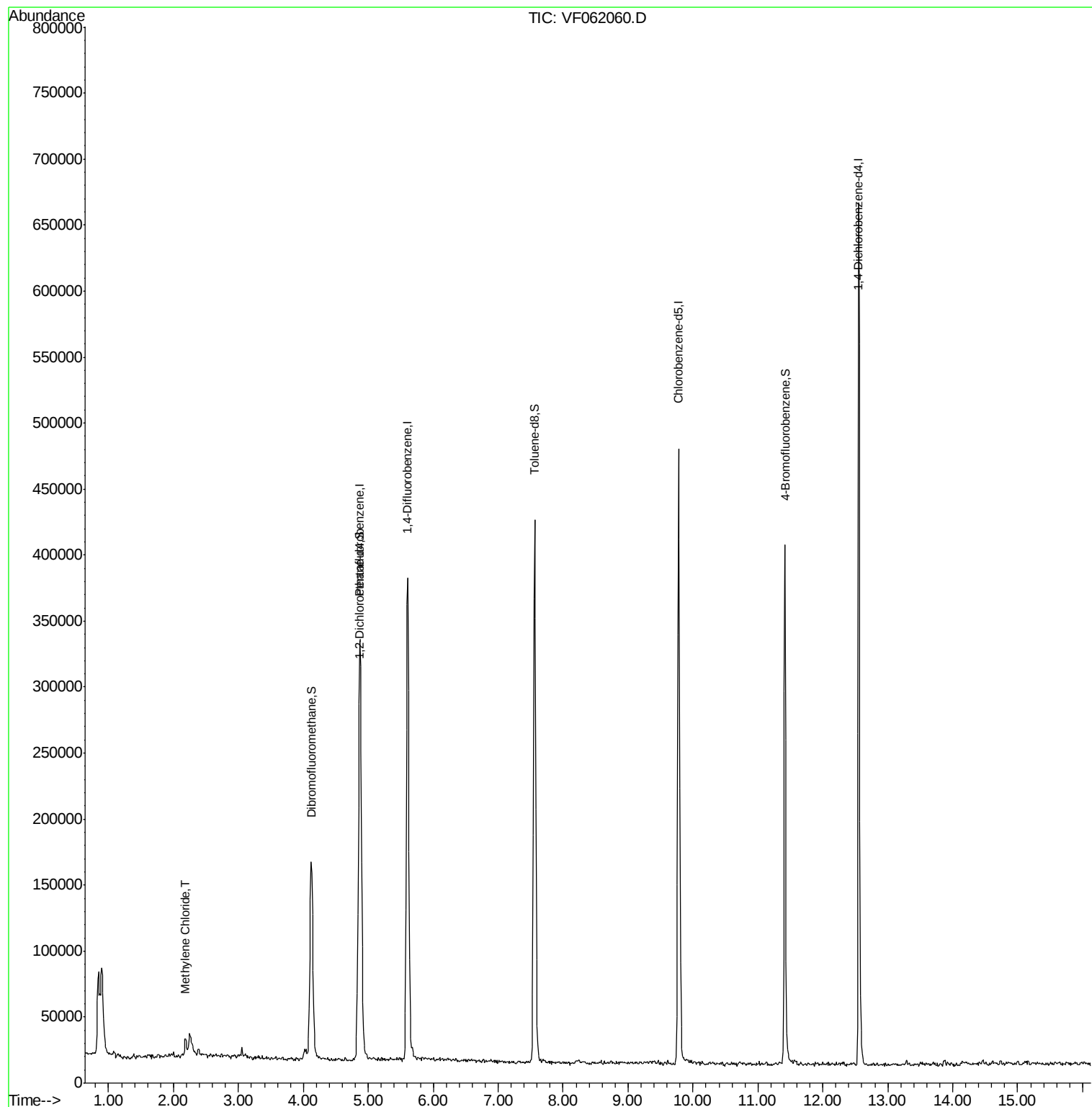
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032119\
Data File : VF062060.D
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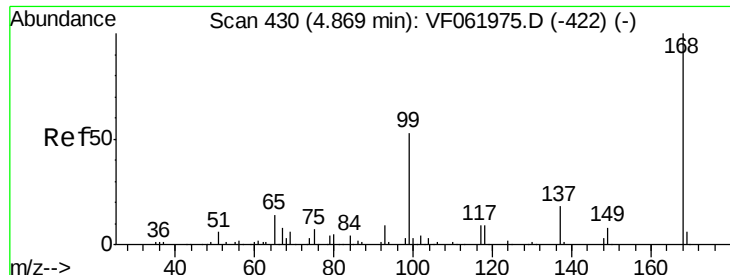
Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-B

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF062060.D

Acq: 21 Mar 2019 14:59

Instrument :

MSVOA_F

ClientSampleId :

JC-02-031919-B

Tot Ion:168 Resp: 289123

Ion Ratio Lower Upper

168 100

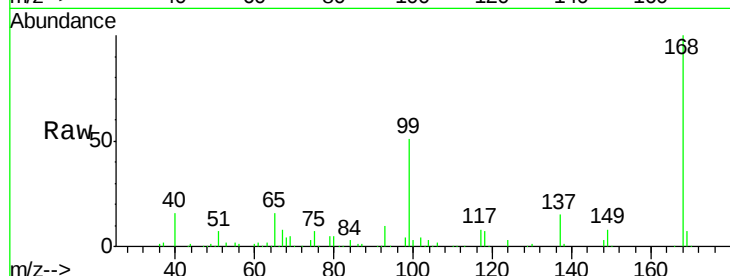
99 51.1 42.4 63.6

Manual Integrations

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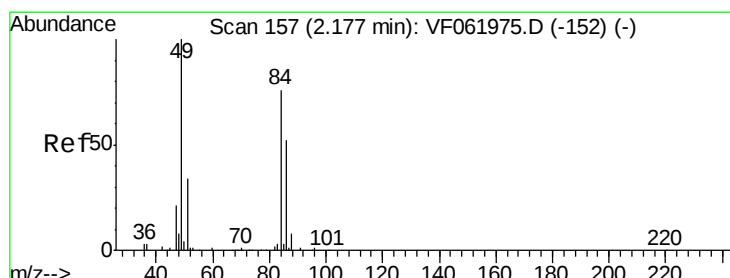
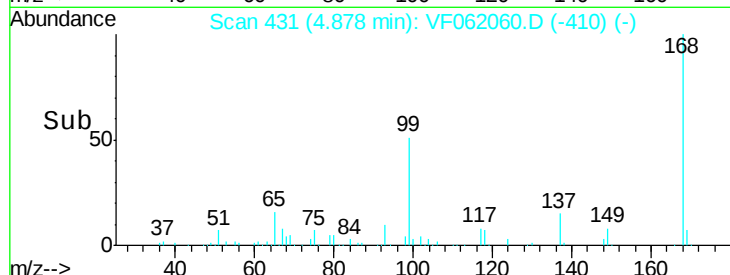
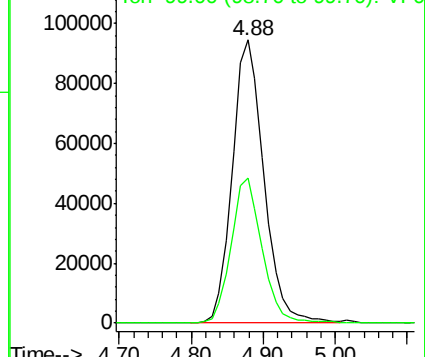
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 8.613 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. 0.01 min

Lab File: VF062060.D

Acq: 21 Mar 2019 14:59

Tgt Ion: 84 Resp: 21002

Ion Ratio Lower Upper

84 100

49 114.0 107.0 160.6

51 35.3 37.2 55.8#

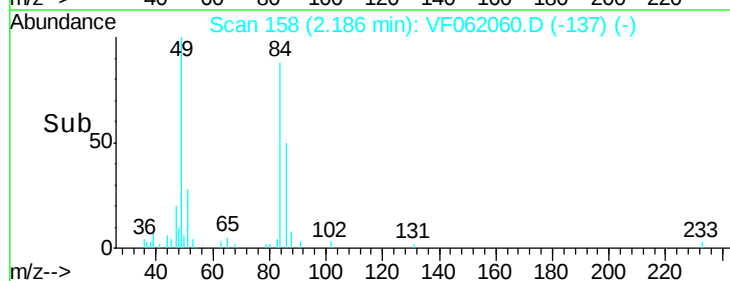
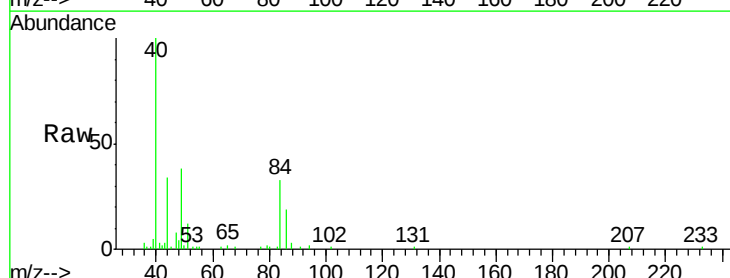
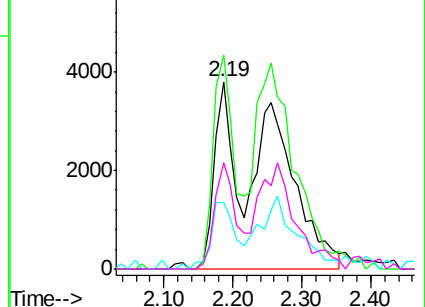
86 56.9 55.3 82.9

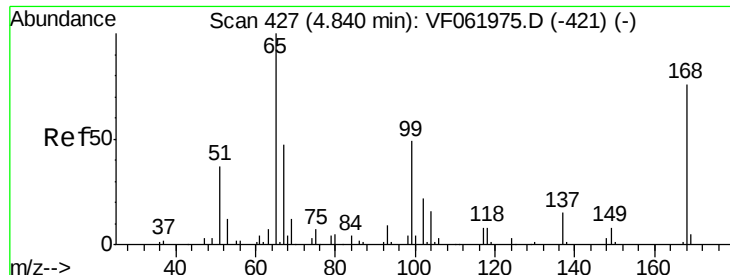
Abundance Ion 84.00 (83.70 to 84.70): VF0

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





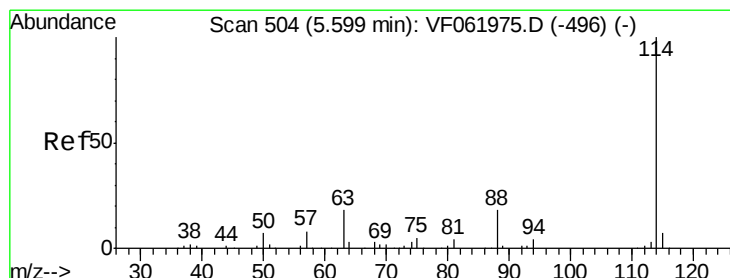
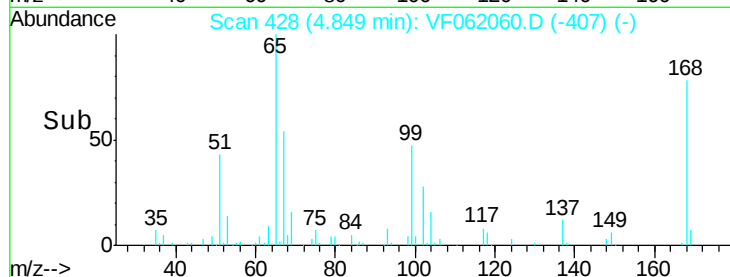
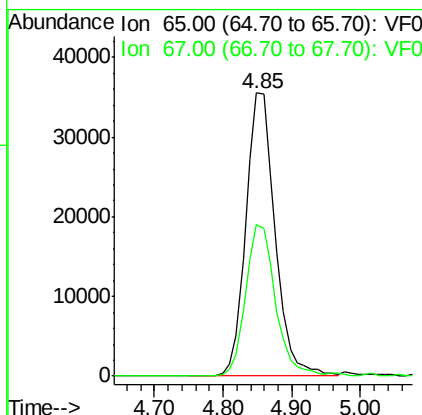
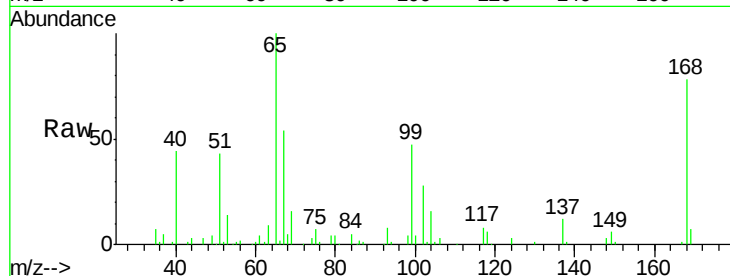
#33
 1,2-Dichloroethane-d4
 Concen: 50.561 ug/l
 RT: 4.85 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: VF062060.D
 Acq: 21 Mar 2019 14:59

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-031919-B

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105228		
67	53.8	0.0	109.4	

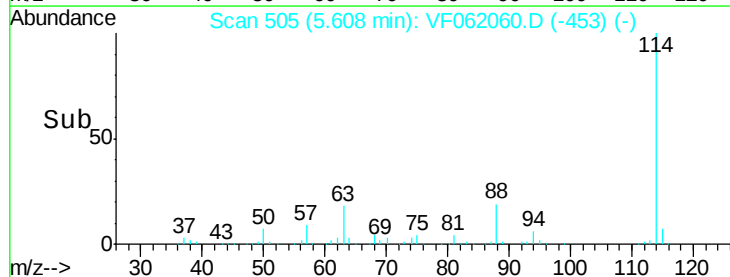
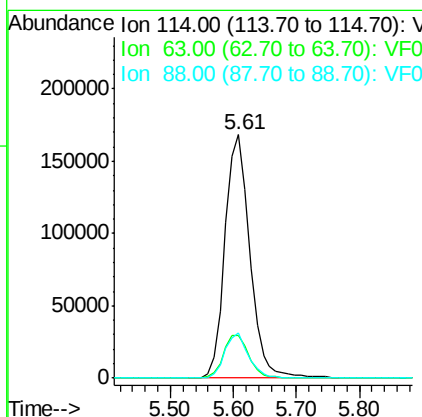
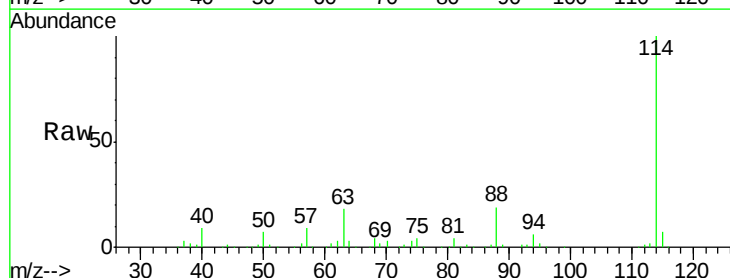
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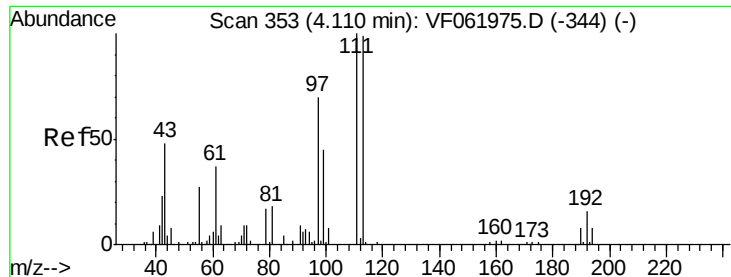
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.61 min Scan# 505
 Delta R.T. 0.01 min
 Lab File: VF062060.D
 Acq: 21 Mar 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	462545		
63	17.7	0.0	36.4	
88	18.7	0.0	36.4	





#35

Dibromofluoromethane

Concen: 49.557 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF062060.D

Acq: 21 Mar 2019 14:59

Instrument :

MSVOA_F

ClientSampleId :

JC-02-031919-B

Tot Ion:113 Resp: 153929

Ion Ratio Lower Upper

113 100

111 103.2 80.8 121.2

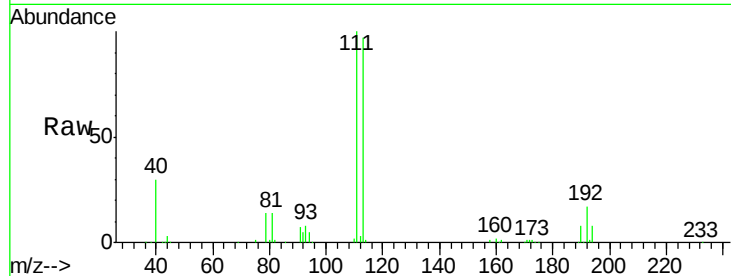
192 17.8 13.0 19.6

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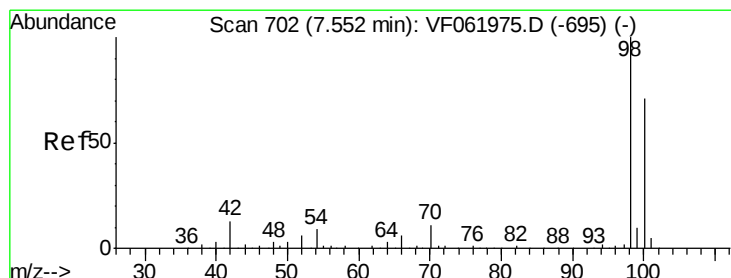
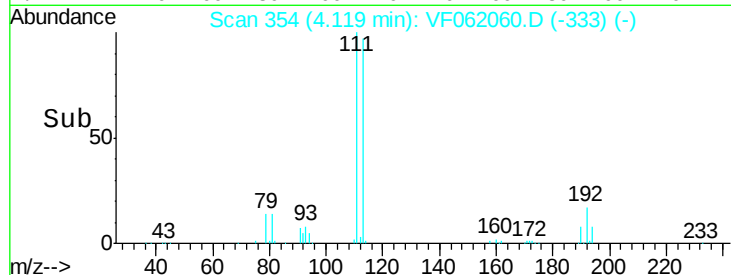
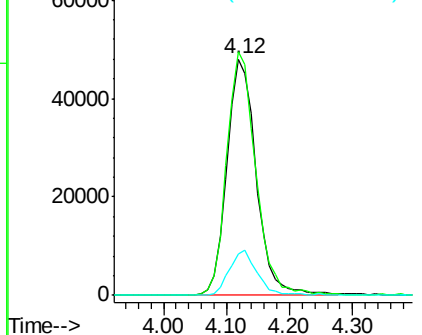
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Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 41.514 ug/l

RT: 7.56 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF062060.D

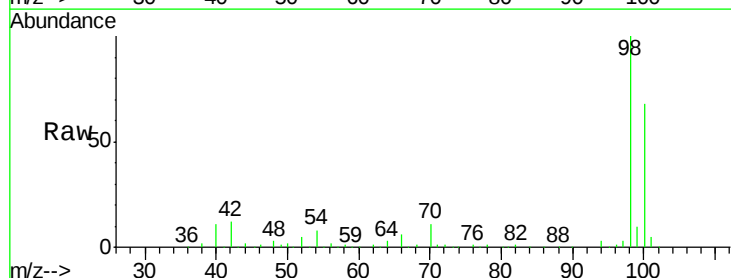
Acq: 21 Mar 2019 14:59

Tgt Ion: 98 Resp: 376942

Ion Ratio Lower Upper

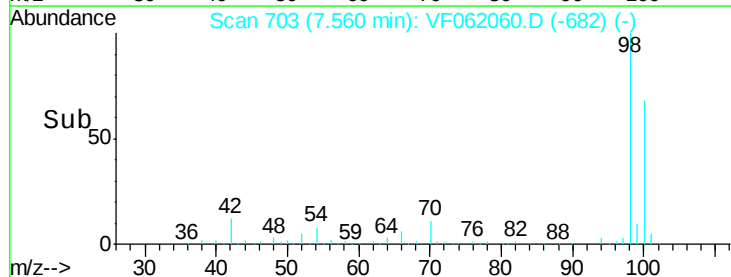
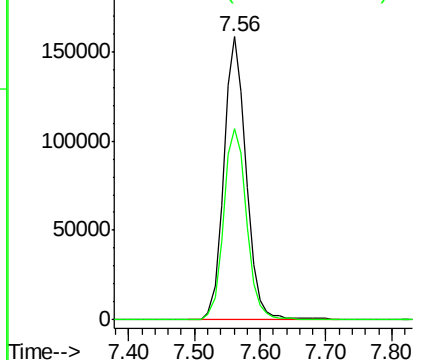
98 100

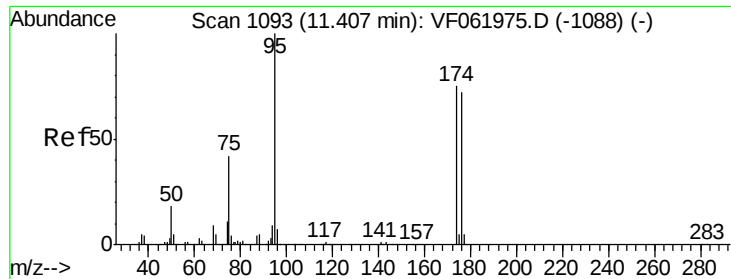
100 67.6 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





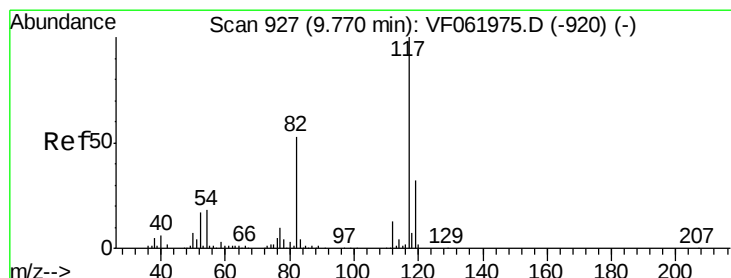
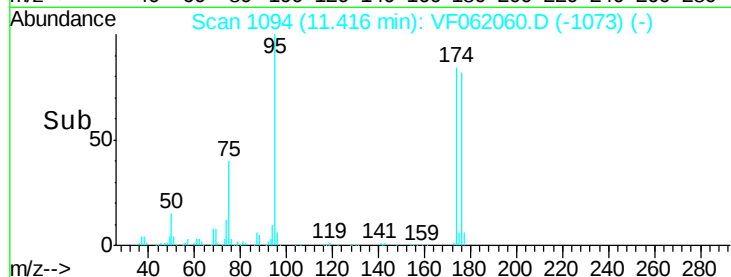
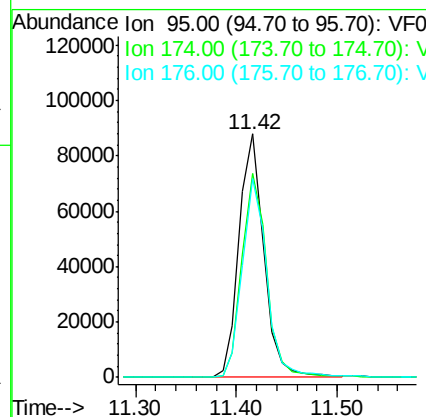
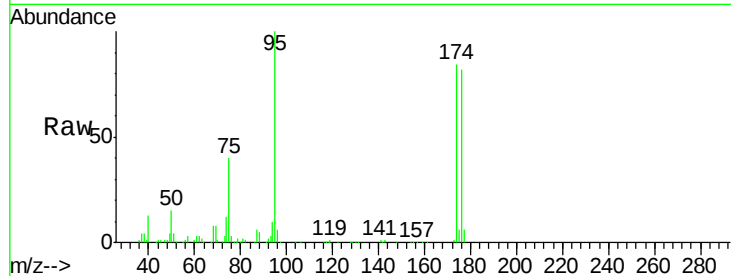
#62
4-Bromofluorobenzene
Concen: 41.895 ug/l
RT: 11.42 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VF062060.D
Acq: 21 Mar 2019 14:59

Instrument :
MSVOA_F
ClientSampleId :
JC-02-031919-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	151121		
174	83.6	0.0	149.4	
176	81.9	0.0	143.4	

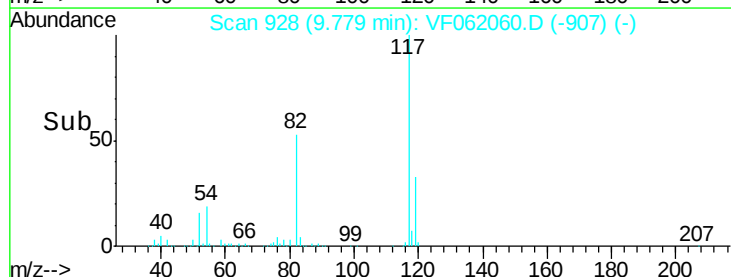
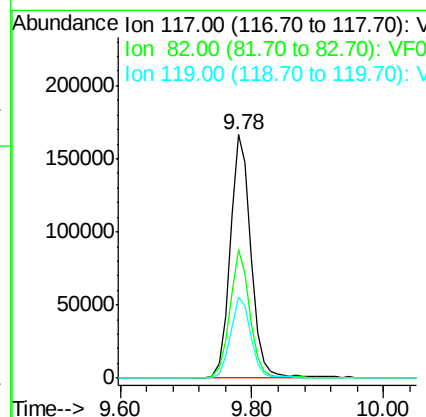
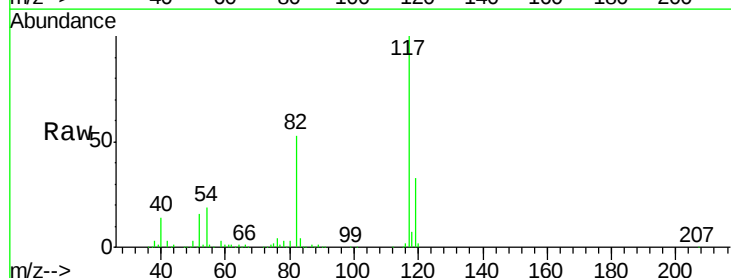
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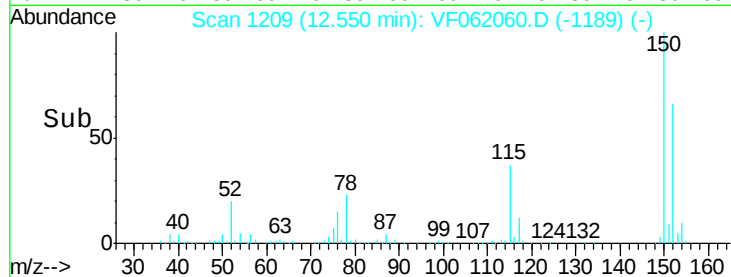
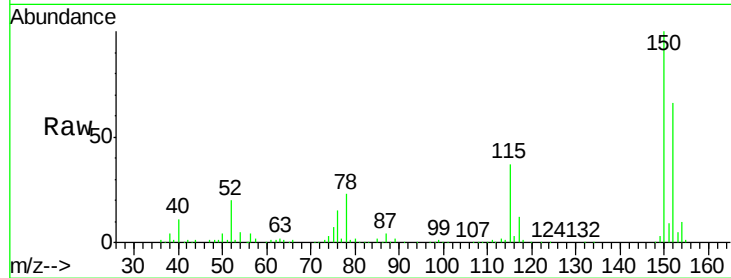
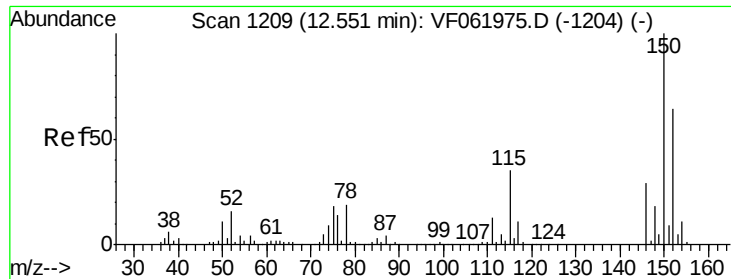
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.01 min
Lab File: VF062060.D
Acq: 21 Mar 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	368771		
82	52.6	42.5	63.7	
119	33.1	25.4	38.0	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.55 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: VF062060.D
 Acq: 21 Mar 2019 14:59

Instrument :
 MSVOA_F
 ClientSampleId :
 JC-02-031919-B

Tot Ion	Ratio	Resp	Lower	Upper
152	100	192041		
115	56.3	27.3	81.9	
150	150.7	0.0	316.2	

Manual Integrations
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