

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031619\
 Data File : VF061984.D
 Acq On : 16 Mar 2019 19:26
 Operator : VA/AP
 Sample : K1861-03
 Misc : 5.02g/5mL/MSVOA-F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 BF-08-031119

Manual Integrations
 APPROVED

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 3/19/2019 5:38:56 PM

Quant Time: Mar 18 07:55:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	227919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	357458	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	304409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	167666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	79754	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
35) Dibromofluoromethane	4.11	113	115892	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	7.55	98	296012	42.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.36%	
62) 4-Bromofluorobenzene	11.41	95	129623	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
Target Compounds						
20) Methylene Chloride	2.18	84	10430m	5.499	ug/l	Qvalue

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

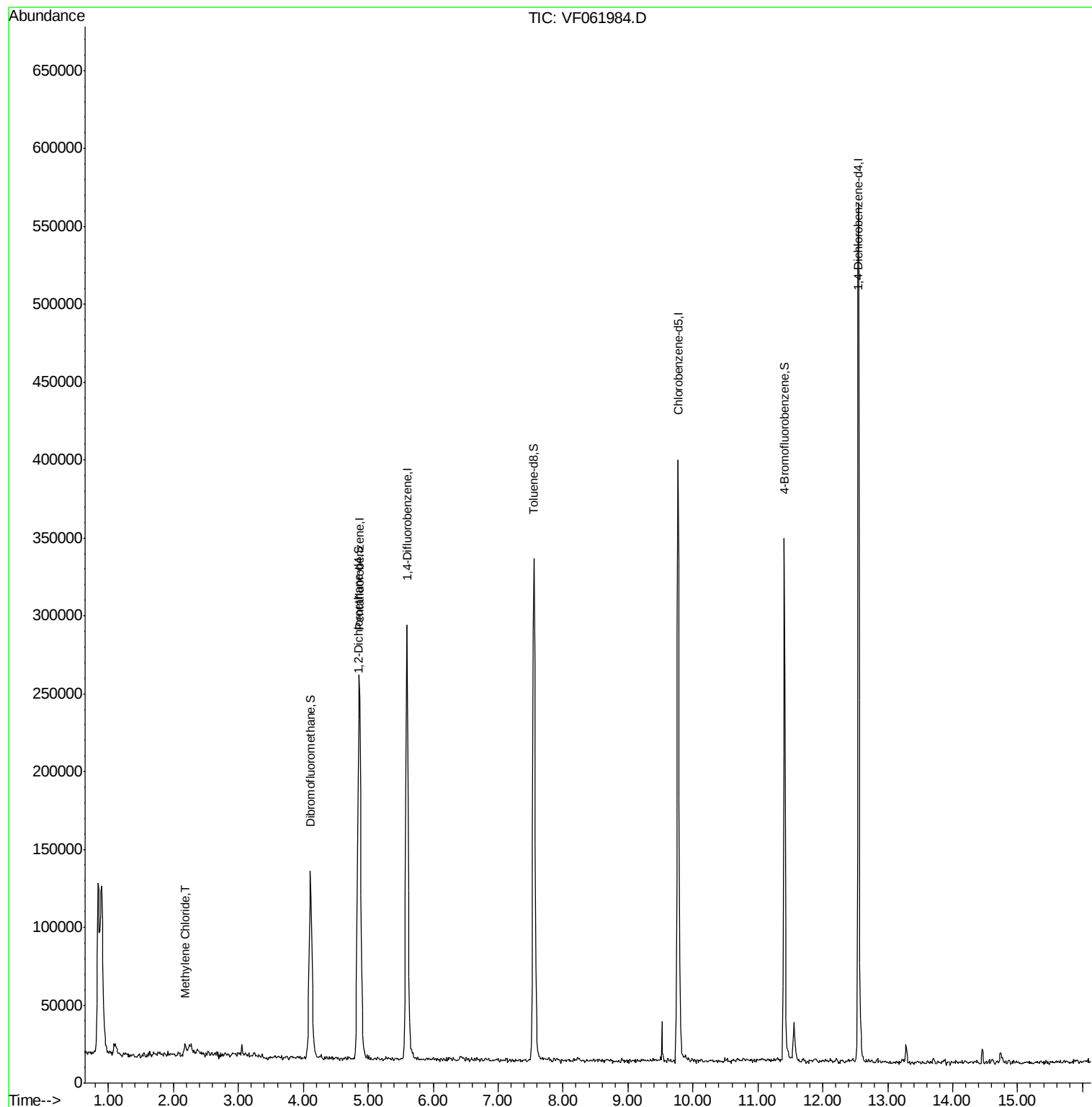
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031619\
Data File : VF061984.D
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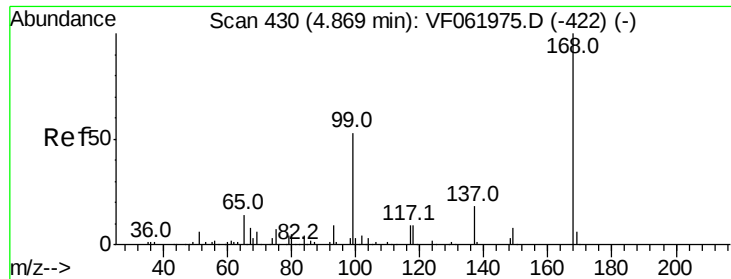
Instrument :
MSVOA_F
ClientSampleId :
BF-08-031119

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Quant Time: Mar 18 07:55:27 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Instrument :

MSVOA_F

ClientSampleId :

BF-08-031119

Tot Ion:168 Resp: 227919

Ion Ratio Lower Upper

168 100

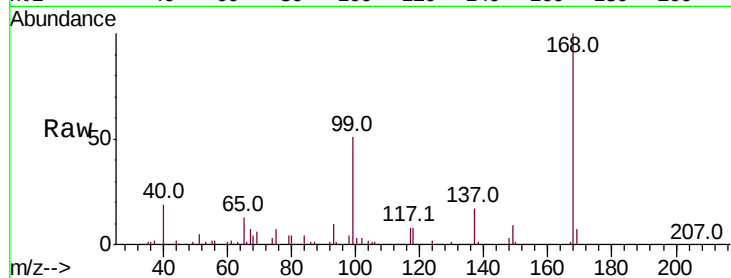
99 50.6 42.4 63.6

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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

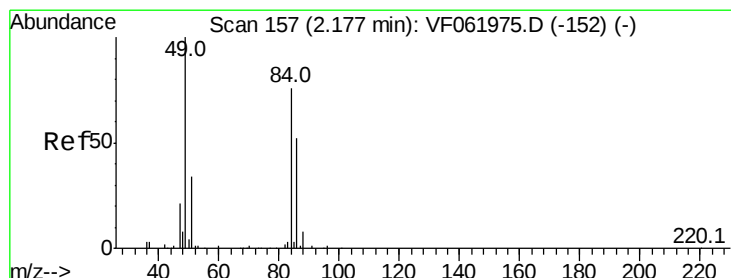
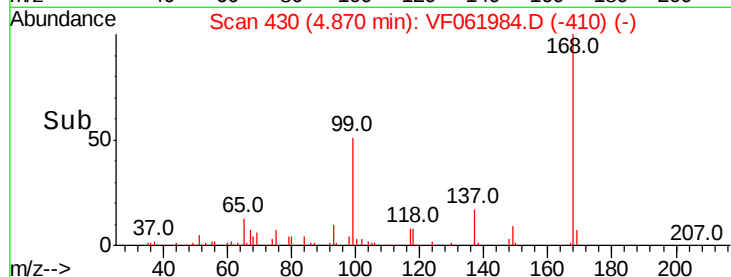
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#20

Methylene Chloride

Concen: 5.499 ug/l m

RT: 2.18 min Scan# 157

Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Tgt Ion: 84 Resp: 10430

Ion Ratio Lower Upper

84 100

49 80.4 107.0 160.6#

51 38.4 37.2 55.8

86 41.3 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

3000

2500

2000

1500

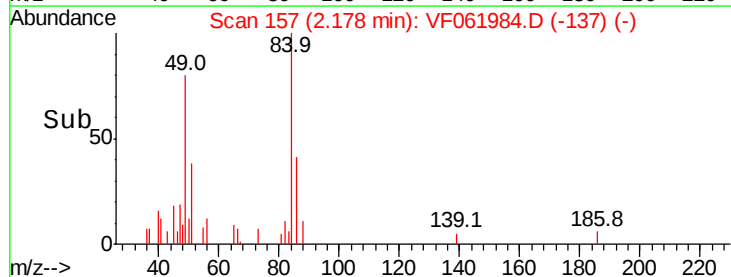
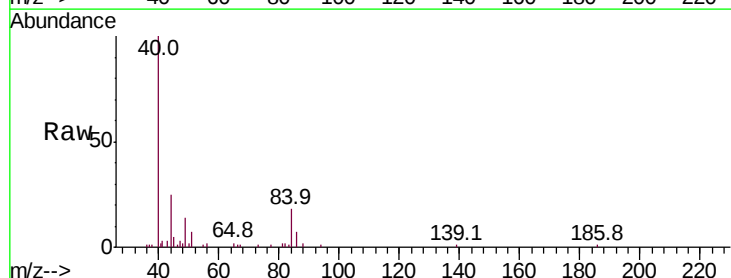
1000

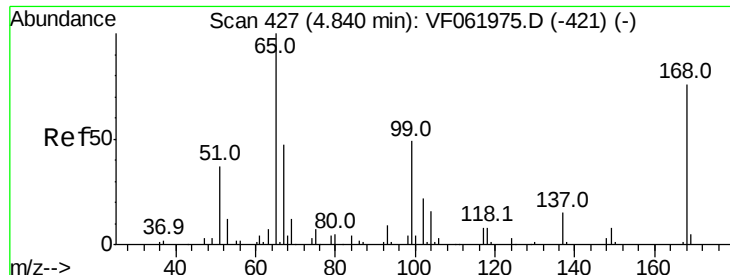
500

0

2.00 2.10 2.20 2.30 2.40

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.611 ug/l

RT: 4.84 min Scan# 427

Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Instrument :

MSVOA_F

ClientSampleId :

BF-08-031119

Tot Ion: 65 Resp: 79754

Ion Ratio Lower Upper

65 100

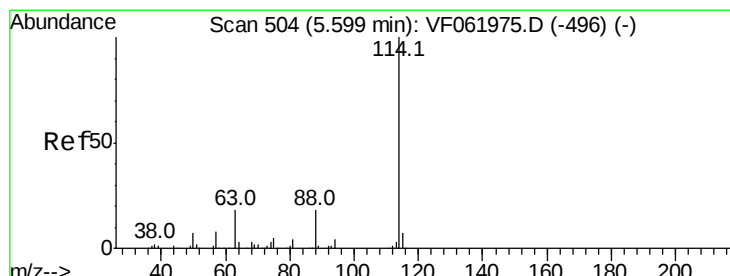
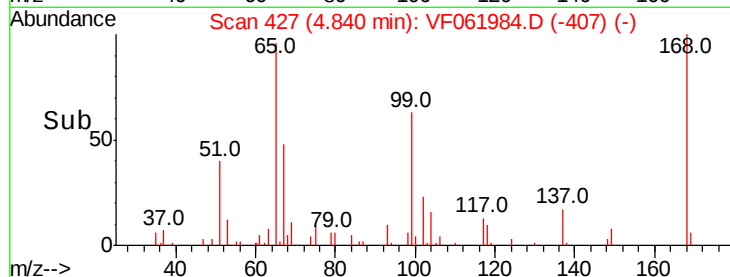
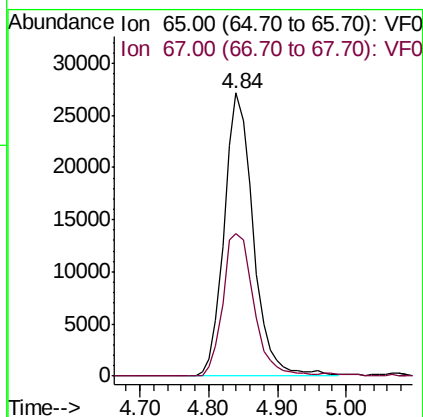
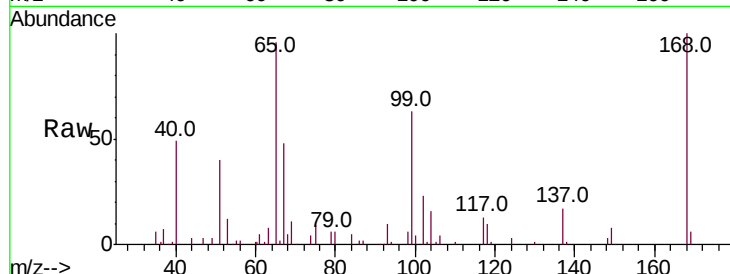
67 50.5 0.0 109.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

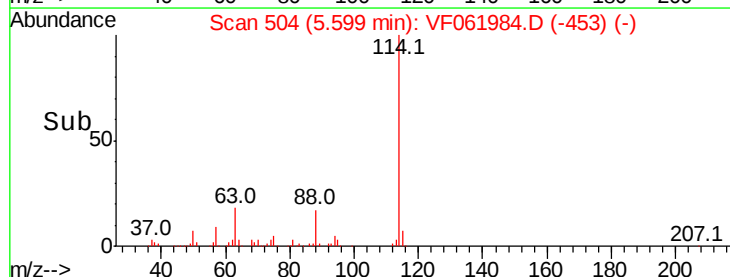
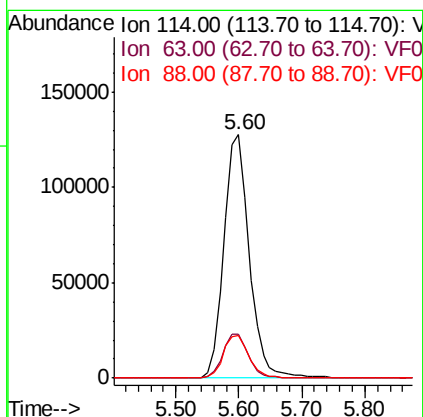
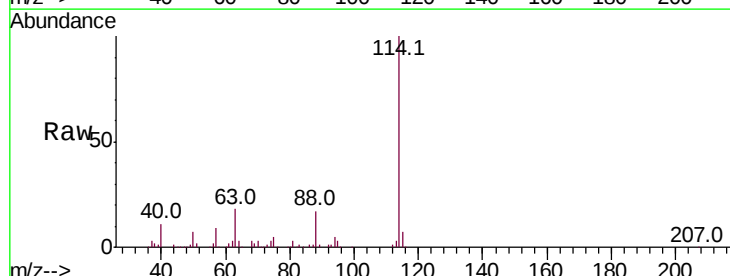
Tgt Ion: 114 Resp: 357458

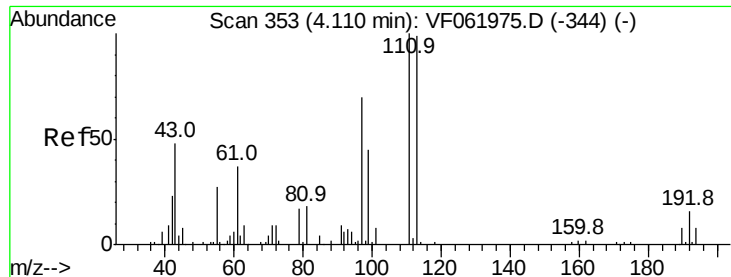
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 17.3 0.0 36.4





#35

Dibromofluoromethane

Concen: 48.280 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Instrument :

MSVOA_F

ClientSampleId :

BF-08-031119

Tot Ion:113 Resp: 115892

Ion Ratio Lower Upper

113 100

111 108.0 80.8 121.2

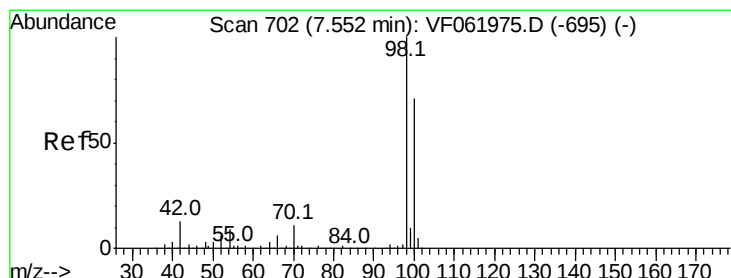
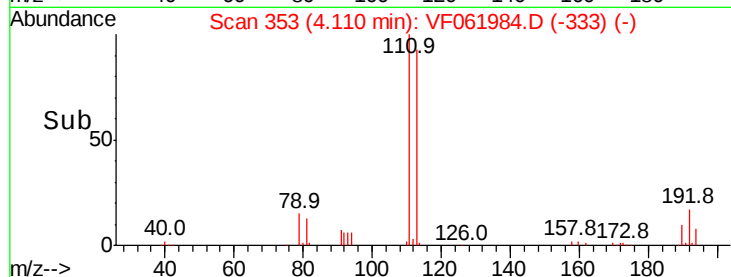
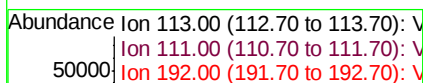
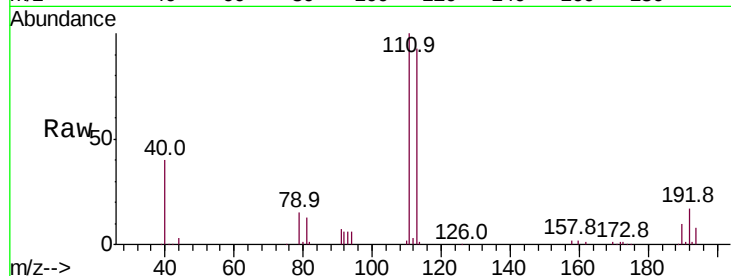
192 19.3 13.0 19.6

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#50

Toluene-d8

Concen: 42.185 ug/l

RT: 7.55 min Scan# 702

Delta R.T. 0.00 min

Lab File: VF061984.D

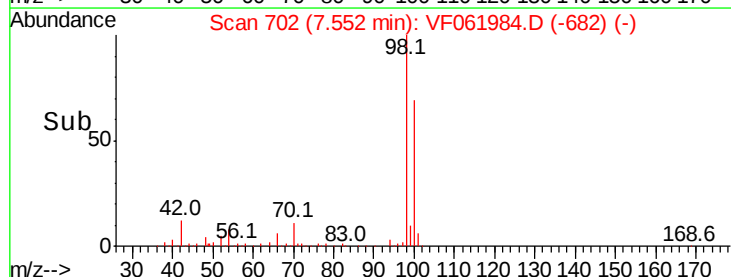
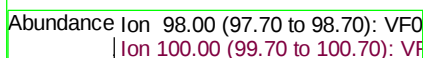
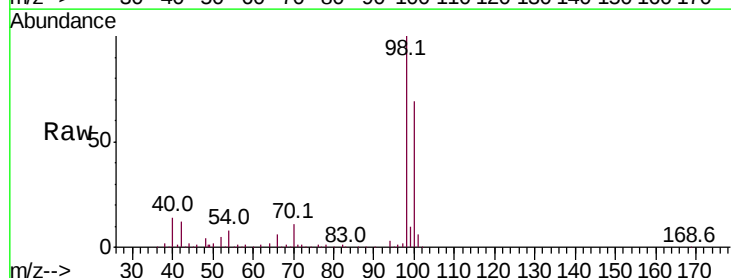
Acq: 16 Mar 2019 19:26

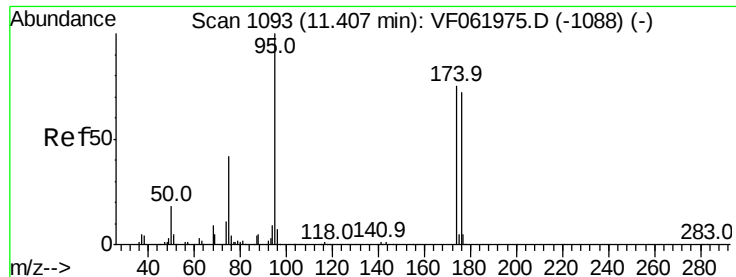
Tgt Ion: 98 Resp: 296012

Ion Ratio Lower Upper

98 100

100 68.9 56.8 85.2





#62

4-Bromofluorobenzene

Concen: 46.500 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Instrument :

MSVOA_F

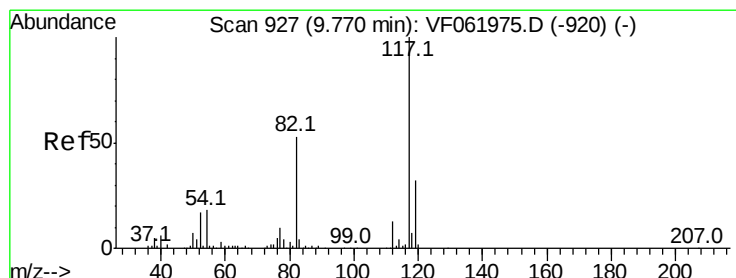
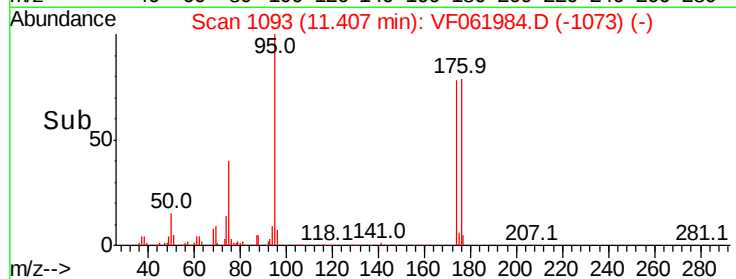
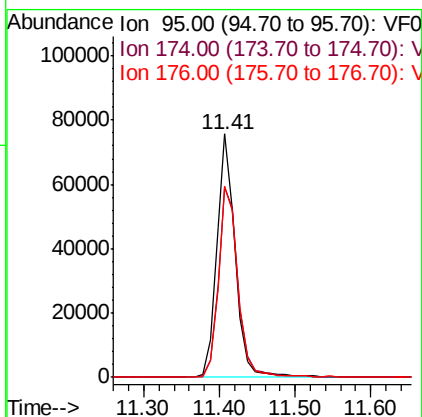
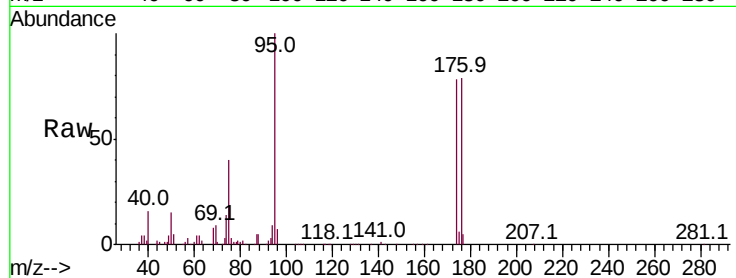
ClientSampleId :

BF-08-031119

Tot Ion:	95	Resp:	129623
Ion Ratio	Lower	Upper	
95	100		
174	78.0	0.0	149.4
176	78.7	0.0	143.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

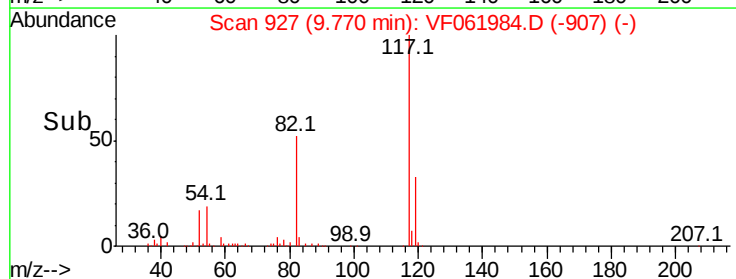
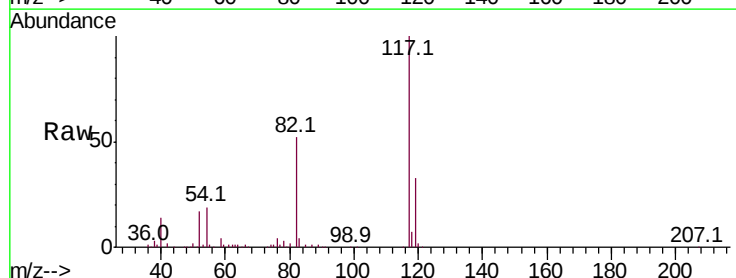
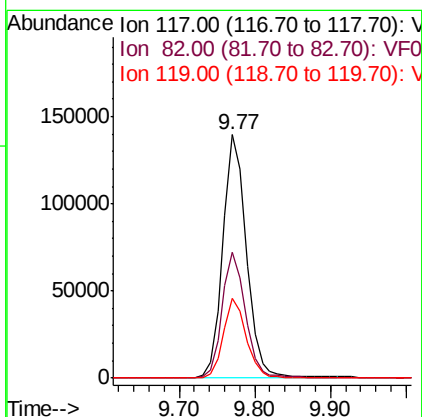
RT: 9.77 min Scan# 927

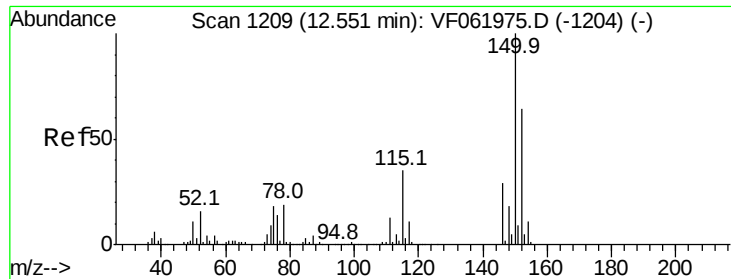
Delta R.T. 0.00 min

Lab File: VF061984.D

Acq: 16 Mar 2019 19:26

Tgt Ion:	117	Resp:	304409
Ion Ratio	Lower	Upper	
117	100		
82	51.6	42.5	63.7
119	32.7	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: VF061984.D

Acq: 16 Mar 2019 19:26

Instrument :

MSVOA_F

ClientSampleId :

BF-08-031119

Tot Ion:152 Resp: 167666

Ion Ratio Lower Upper

152 100

115 52.1 27.3 81.9

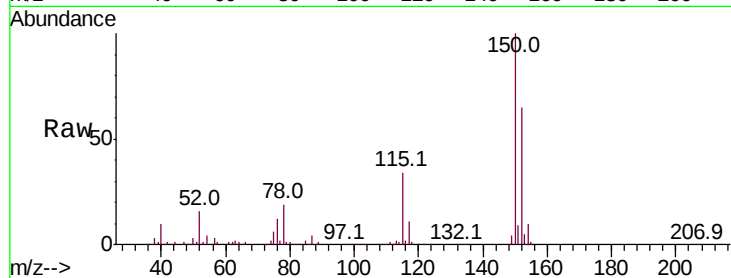
150 154.6 0.0 316.2

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

