

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011719\
 Data File : VF061440.D
 Acq On : 17 Jan 2019 13:03
 Operator : VA/AP
 Sample : K1157-06RE
 Misc : 5.05g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 WC-03-011519RE

Manual Integrations
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 1/18/2019 3:42:07 PM

Quant Time: Jan 18 03:56:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	173515	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.58	114	272110	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.76	117	190683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.54	152	59476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	117716	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	4.09	113	137518	64.05	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	128.10%	
50) Toluene-d8	7.53	98	294222	50.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.40	95	91455	33.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.54%	
Target Compounds						
20) Methylene Chloride	2.17	84	13460m	7.741	ug/l	Qvalue
95) Naphthalene	14.45	128	4147	1.630	ug/l	97

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

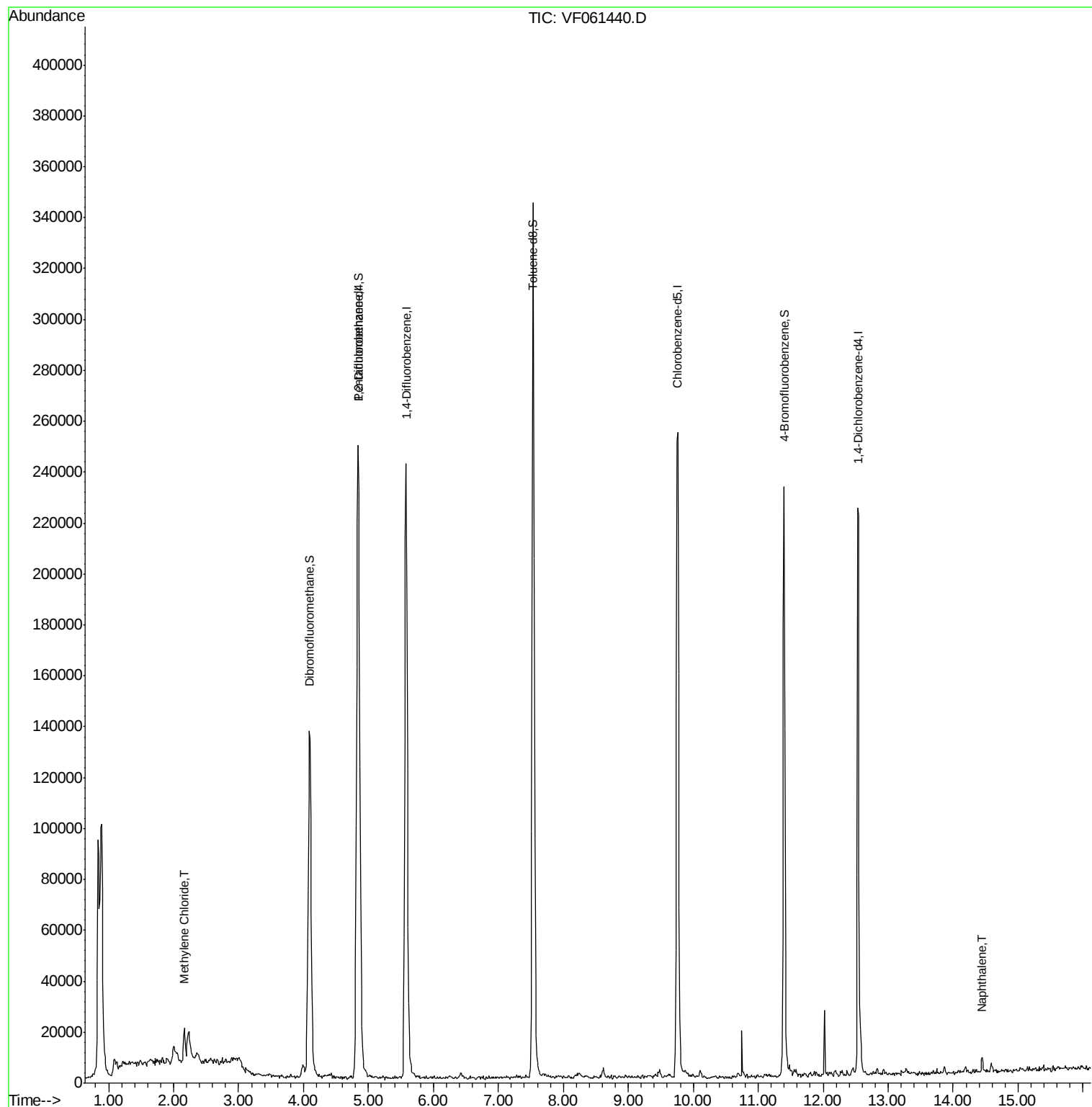
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011719\
Data File : VF061440.D
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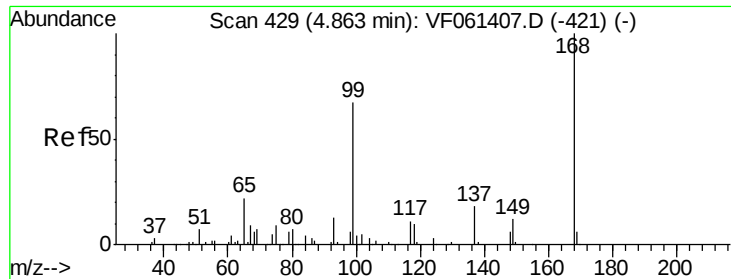
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.01 min

Lab File: VF061440.D

Acq: 17 Jan 2019 13:03

Instrument :

MSVOA_F

ClientSampleId :

WC-03-011519RE

Tot Ion:168 Resp: 173515

Ion Ratio Lower Upper

168 100

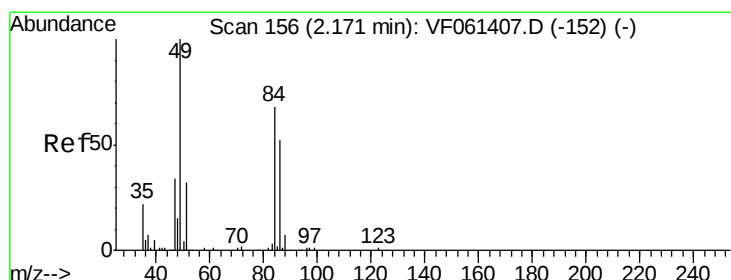
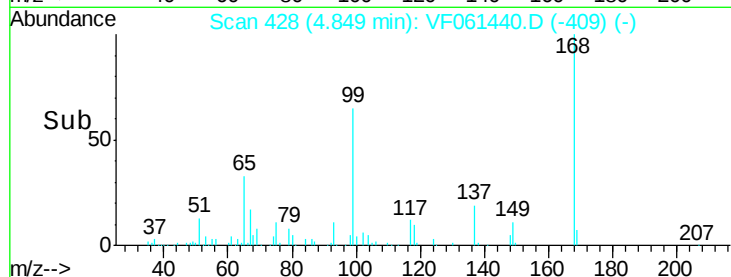
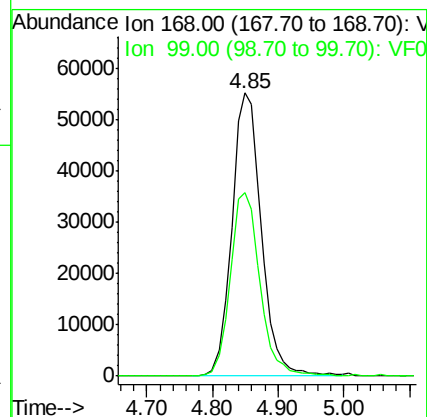
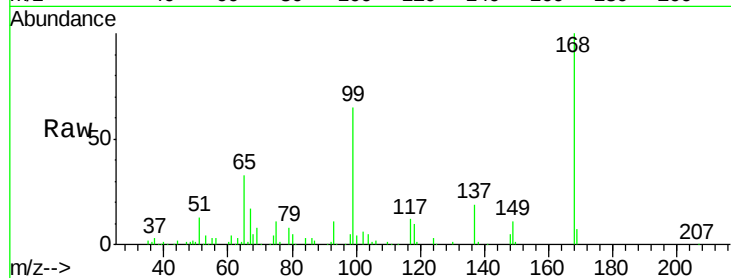
99 64.8 53.5 80.3

Manual Integrations

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#20

Methylene Chloride

Concen: 7.741 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.00 min

Lab File: VF061440.D

Acq: 17 Jan 2019 13:03

Tgt Ion: 84 Resp: 13460

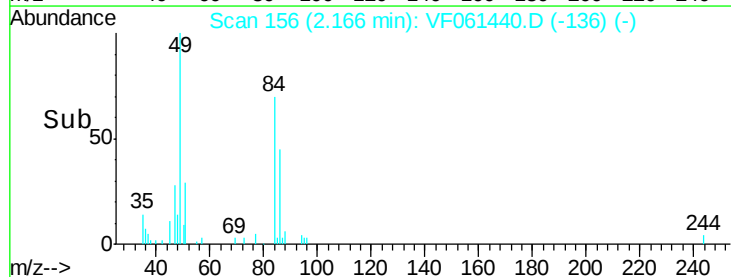
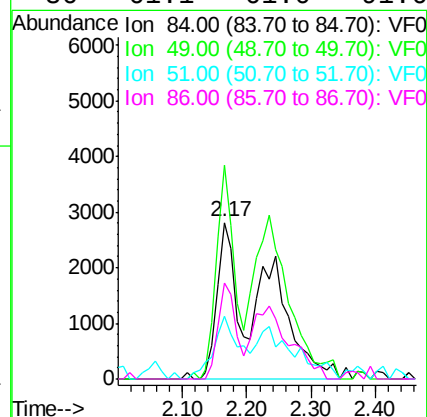
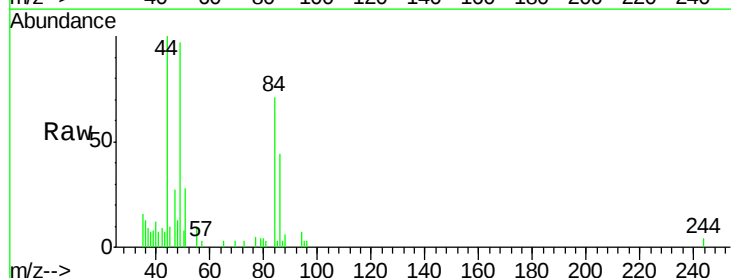
Ion Ratio Lower Upper

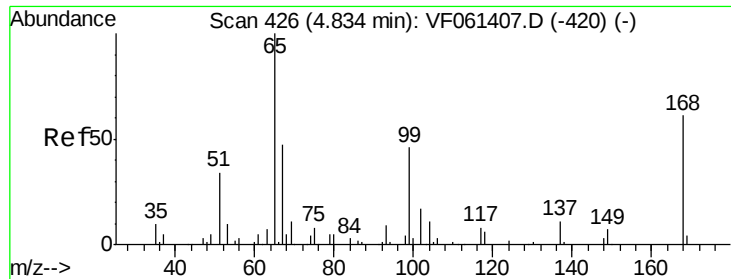
84 100

49 136.4 120.0 180.0

51 39.7 38.6 58.0

86 61.1 61.0 91.6





#33

1,2-Dichloroethane-d4

Concen: 54.949 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.00 min

Lab File: VF061440.D

Acq: 17 Jan 2019 13:03

Tot Ion: 65 Resp: 117716

Ion Ratio Lower Upper

65 100

67 50.6 0.0 99.8

Instrument :

MSVOA_F

ClientSampleId :

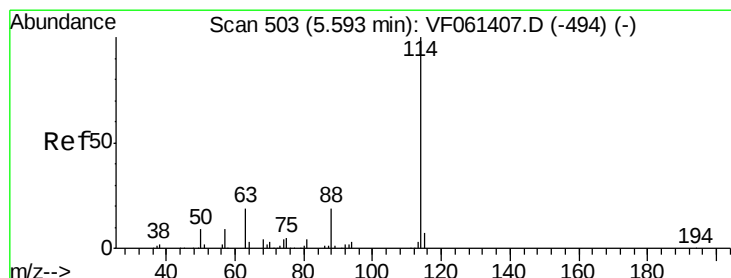
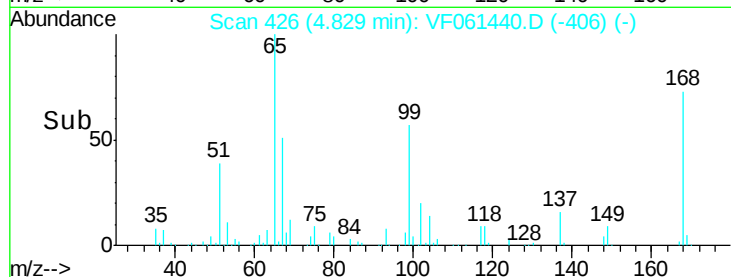
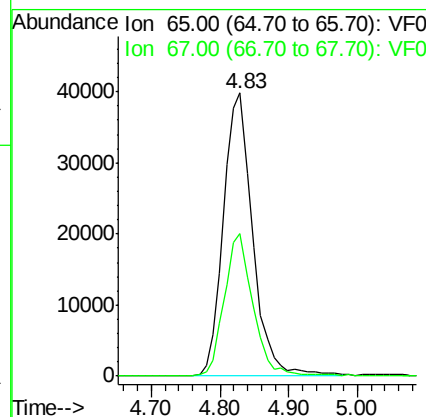
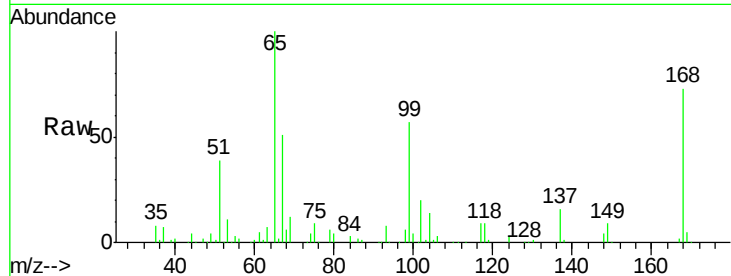
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.01 min

Lab File: VF061440.D

Acq: 17 Jan 2019 13:03

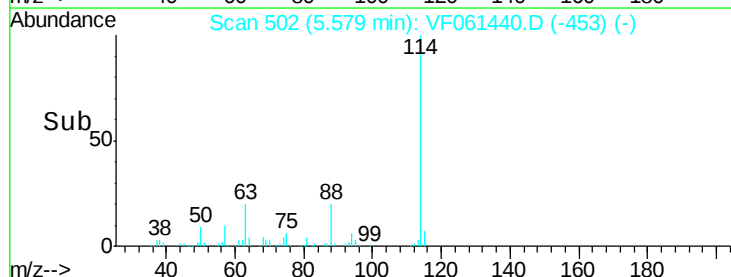
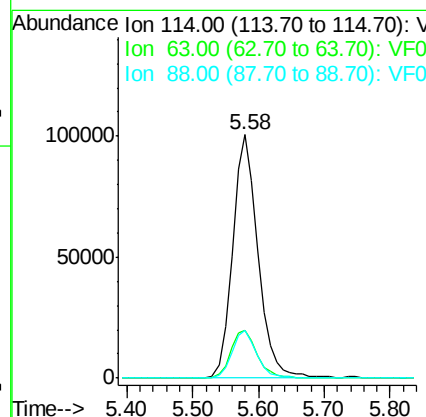
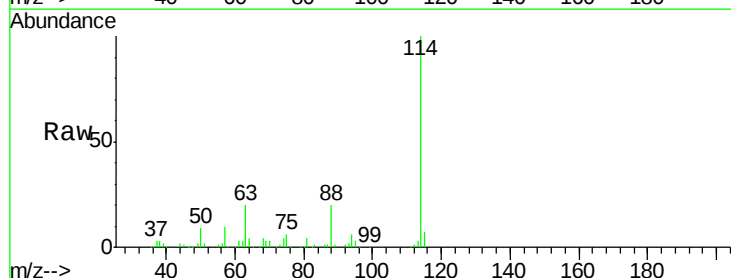
Tgt Ion: 114 Resp: 272110

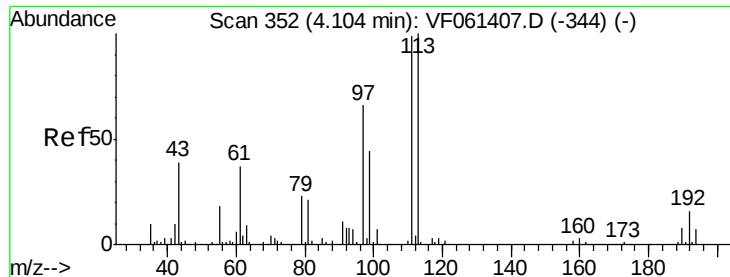
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 19.8 0.0 37.4





#35

Dibromofluoromethane

Concen: 64.046 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061440.D

Acq: 17 Jan 2019 13:03

Instrument :

MSVOA_F

ClientSampleId :

WC-03-011519RE

Tot Ion:113 Resp: 137518

Ion Ratio Lower Upper

113 100

111 99.2 79.4 119.0

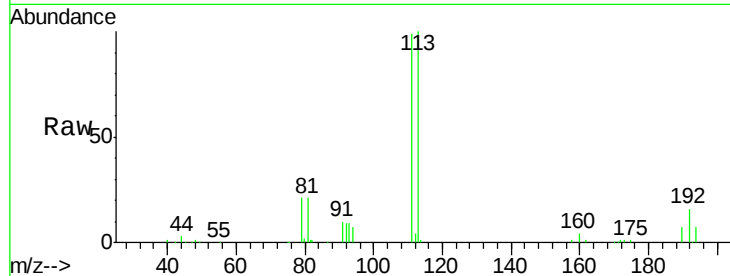
192 16.0 12.4 18.6

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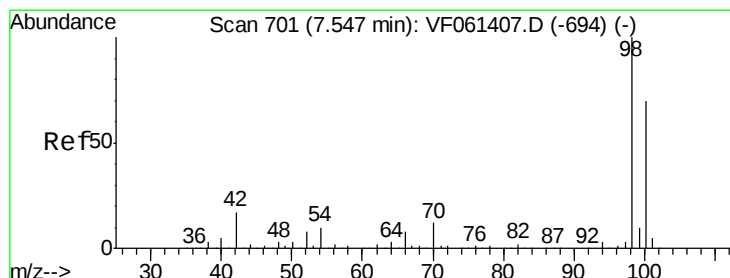
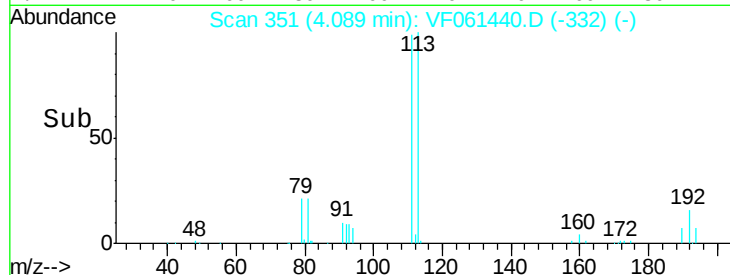
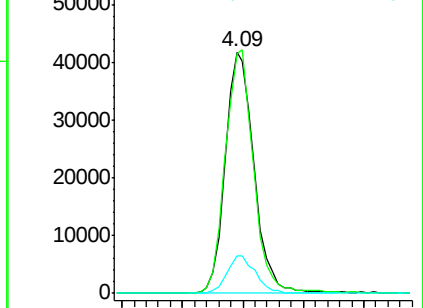
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Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#50

Toluene-d8

Concen: 50.013 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.01 min

Lab File: VF061440.D

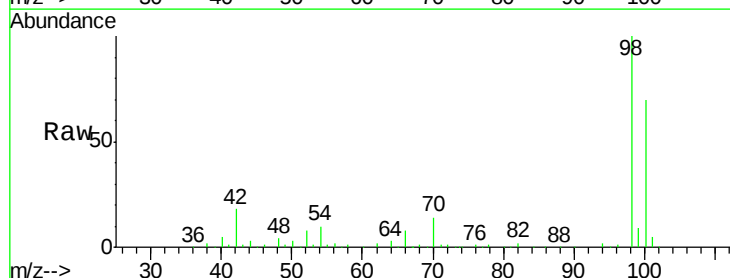
Acq: 17 Jan 2019 13:03

Tgt Ion: 98 Resp: 294222

Ion Ratio Lower Upper

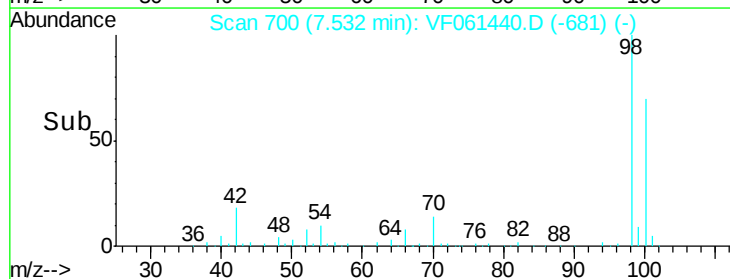
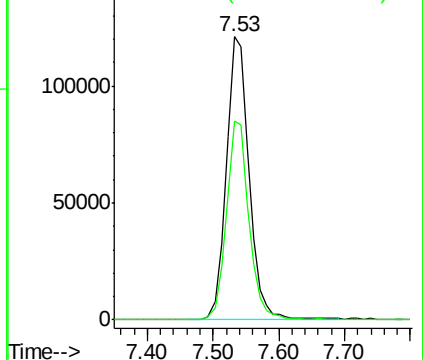
98 100

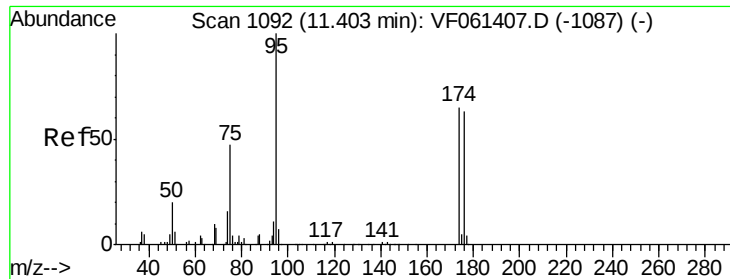
100 70.5 55.6 83.4



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF





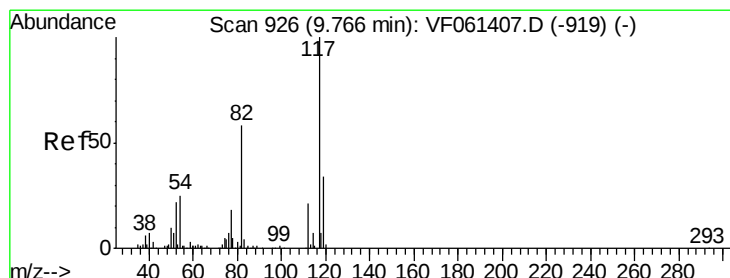
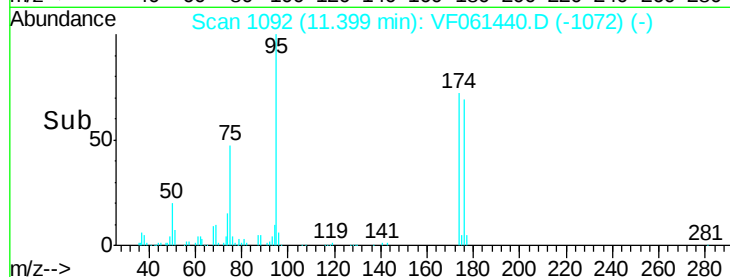
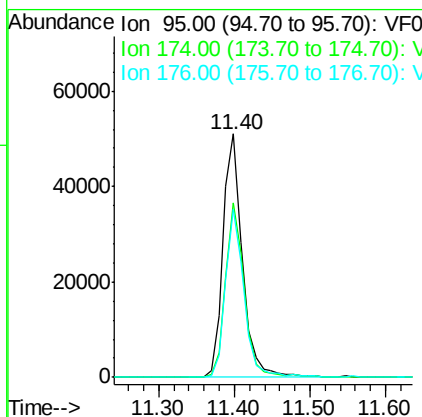
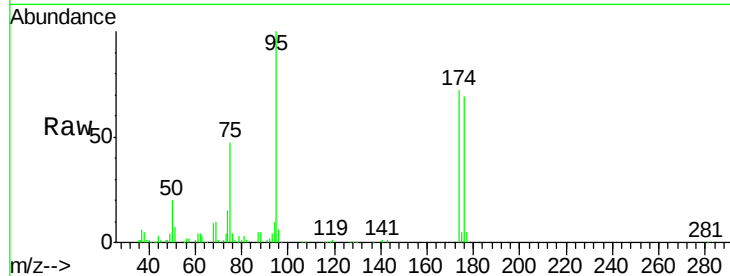
#62
4-Bromofluorobenzene
Concen: 33.273 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VF061440.D
Acq: 17 Jan 2019 13:03

Instrument :
MSVOA_F
ClientSampleId :
WC-03-011519RE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	91455		
174	71.7	0.0	130.4	
176	69.2	0.0	126.2	

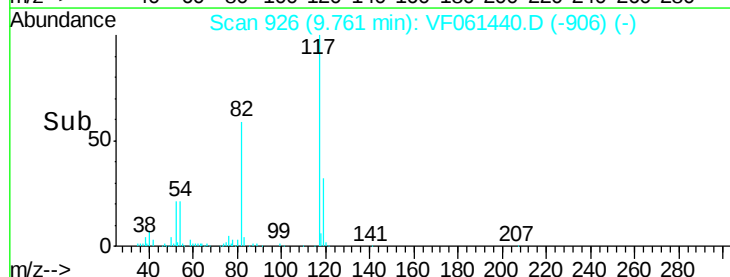
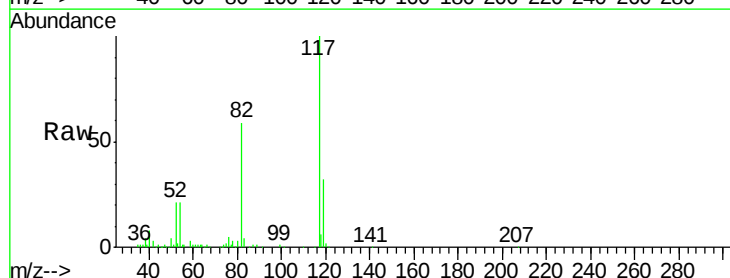
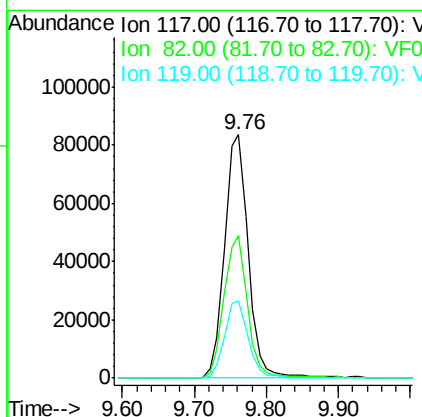
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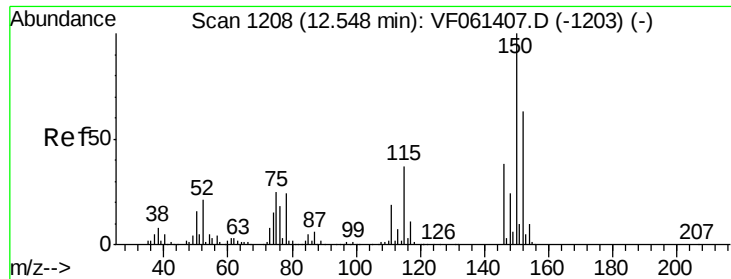
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.00 min
Lab File: VF061440.D
Acq: 17 Jan 2019 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	190683		
82	58.7	46.4	69.6	
119	31.6	27.2	40.8	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.00 min

Lab File: VF061440.D

Acq: 17 Jan 2019 13:03

Instrument :

MSVOA_F

ClientSampleId :

WC-03-011519RE

Tot Ion:152 Resp: 59476

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

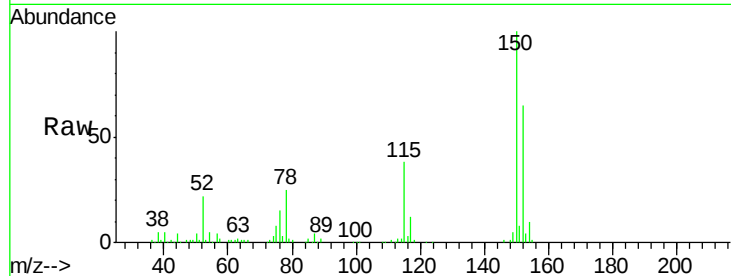
150 154.6 0.0 321.4

Manual Integrations

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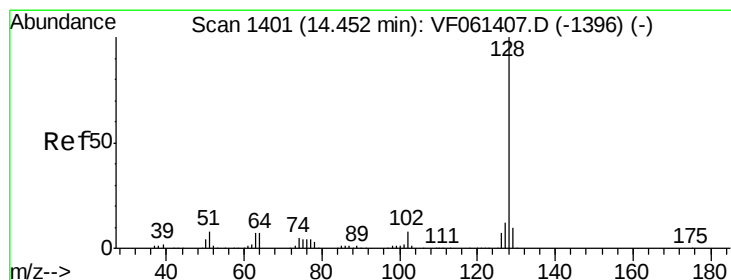
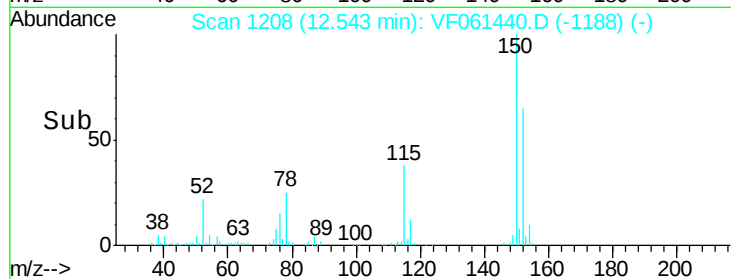
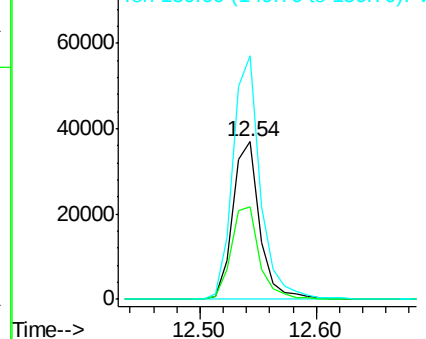
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Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V



#95

Naphthalene

Concen: 1.630 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.00 min

Lab File: VF061440.D

Acq: 17 Jan 2019 13:03

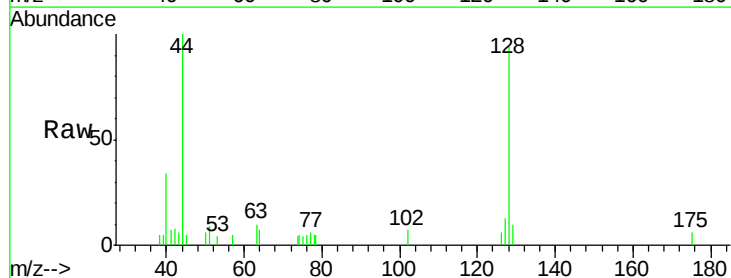
Tgt Ion:128 Resp: 4147

Ion Ratio Lower Upper

128 100

127 13.8 9.5 14.3

129 11.0 8.4 12.6



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

