

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061019\
 Data File : VF062911.D
 Acq On : 10 Jun 2019 17:29
 Operator : FY/SY
 Sample : K3265-05
 Misc : 5.05g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 B-03-2.5-3.0

Manual Integrations
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Quant Time: Jun 11 01:57:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	760487	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	1267511	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	914908	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	349106	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	216781	41.22	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.44%	
35) Dibromofluoromethane	4.32	113	311184	32.49	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	64.98%	
50) Toluene-d8	7.71	98	843663	34.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	69.66%	
62) 4-Bromofluorobenzene	11.50	95	303366	34.82	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	69.64%	
Target Compounds						
16) Acetone	2.36	43	27543m	22.883	ug/l	Qvalue
95) Naphthalene	14.50	128	12113	1.135	ug/l	98

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

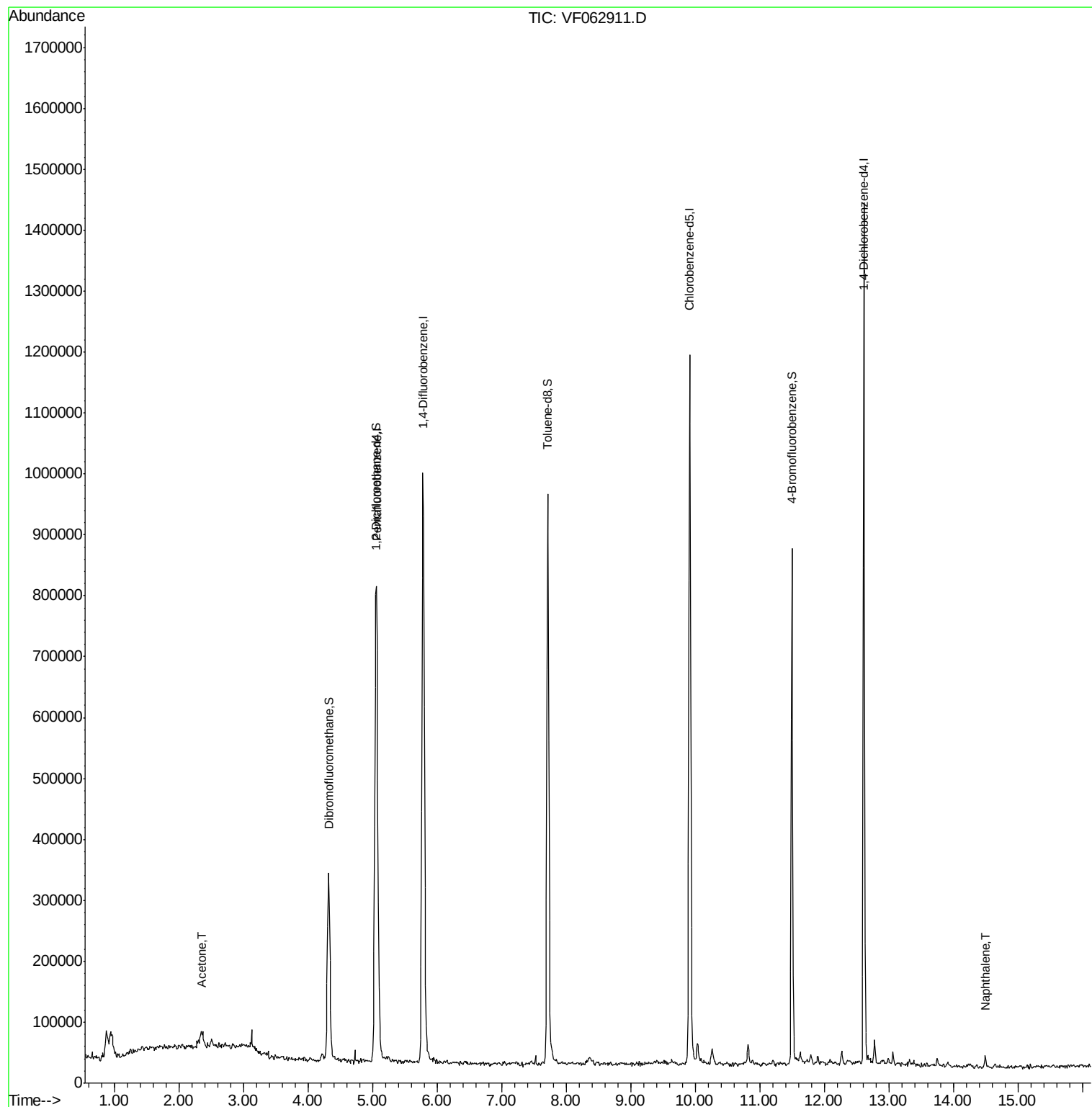
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Data File : VF062911.D
Acq On : 10 Jun 2019 17:29
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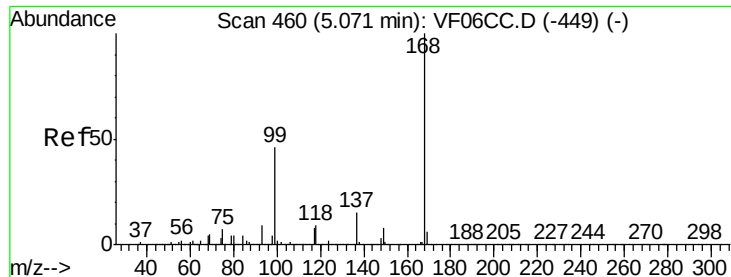
Instrument :
MSVOA_F
ClientSampleId :
B-03-2.5-3.0

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Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062911.D

Acq: 10 Jun 2019 17:29

Instrument :

MSVOA_F

ClientSampleId :

B-03-2.5-3.0

Tot Ion:168 Resp: 760487

Ion Ratio Lower Upper

168 100

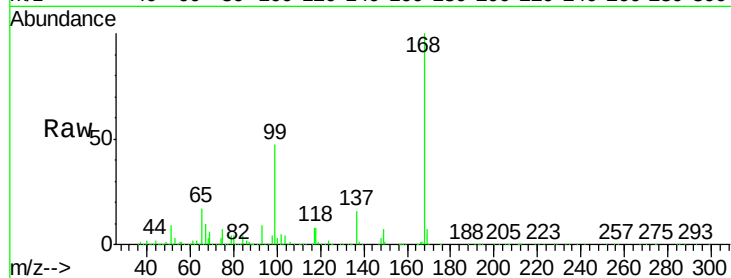
99 47.2 39.1 58.7

Manual Integrations

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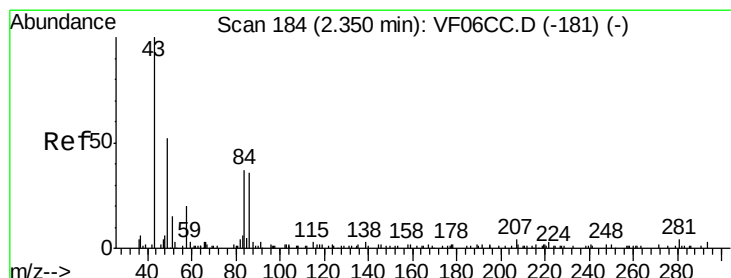
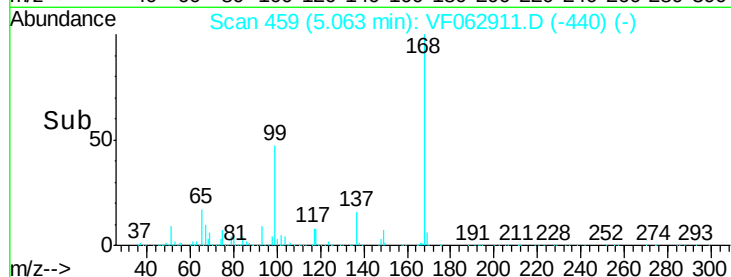
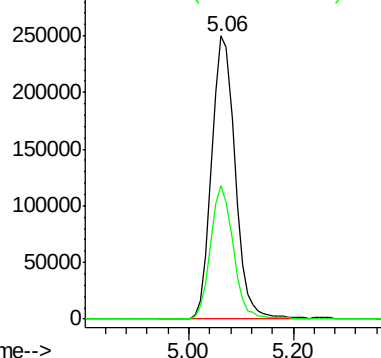
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 22.883 ug/l m

RT: 2.36 min Scan# 185

Delta R.T. -0.00 min

Lab File: VF062911.D

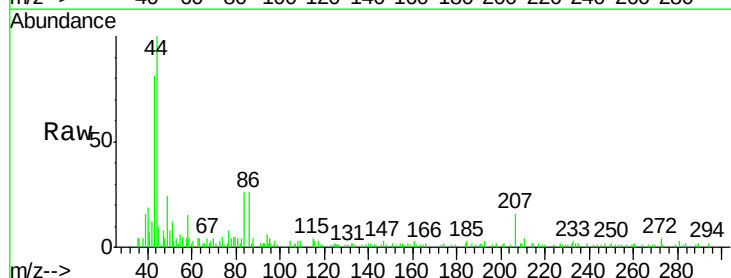
Acq: 10 Jun 2019 17:29

Tgt Ion: 43 Resp: 27543

Ion Ratio Lower Upper

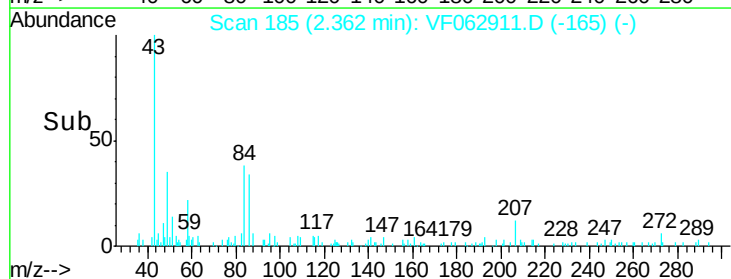
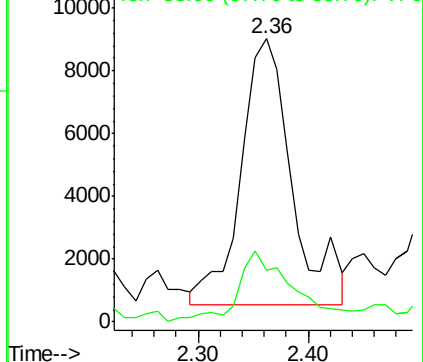
43 100

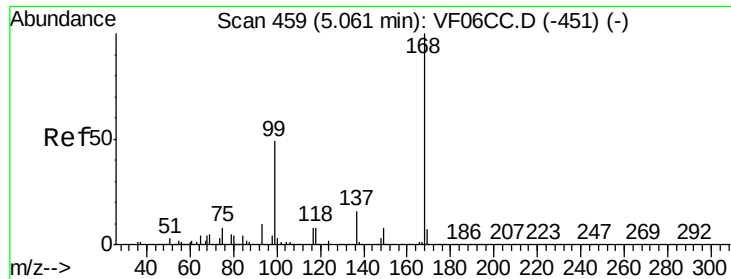
58 18.5 19.0 28.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





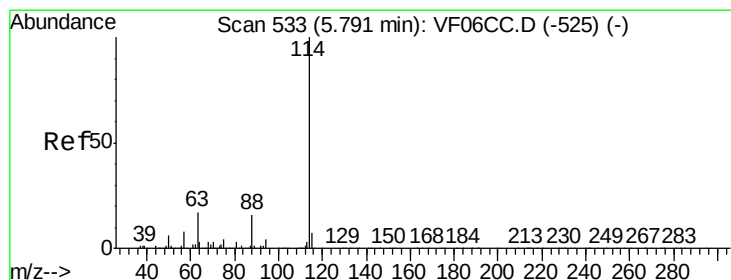
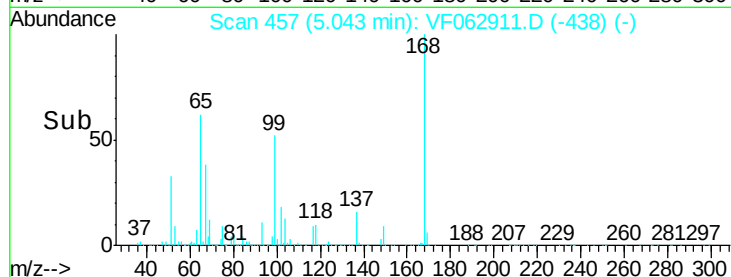
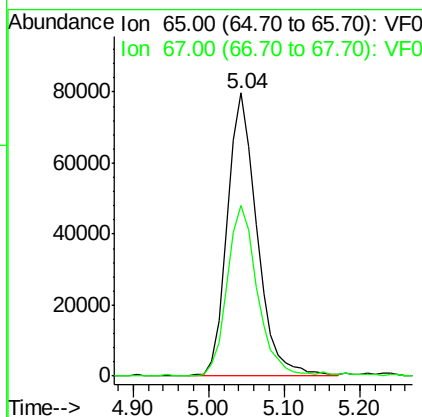
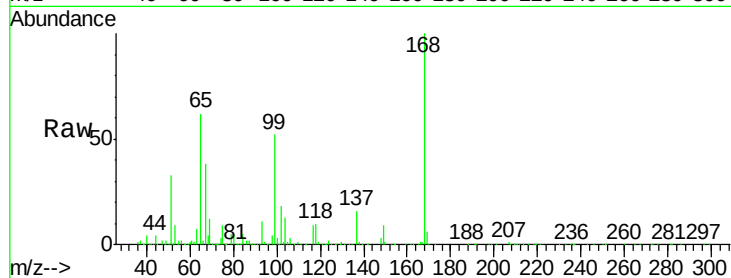
#33
 1,2-Dichloroethane-d4
 Concen: 41.222 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: VF062911.D
 Acq: 10 Jun 2019 17:29

Instrument :
 MSVOA_F
 ClientSampleId :
 B-03-2.5-3.0

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	60.3	0.0	121.2	

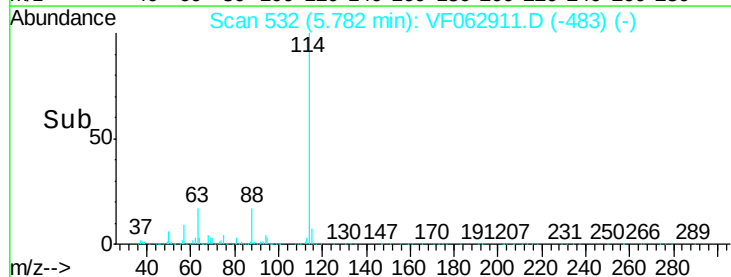
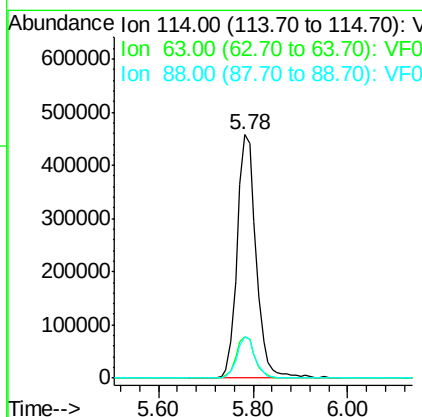
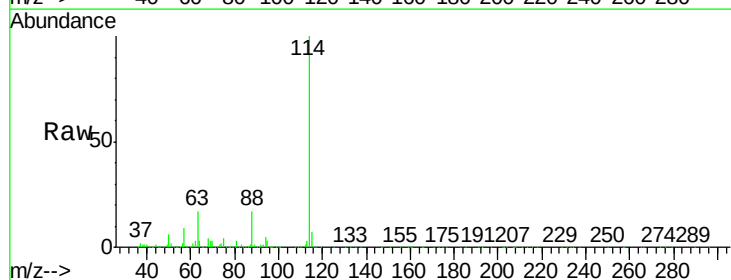
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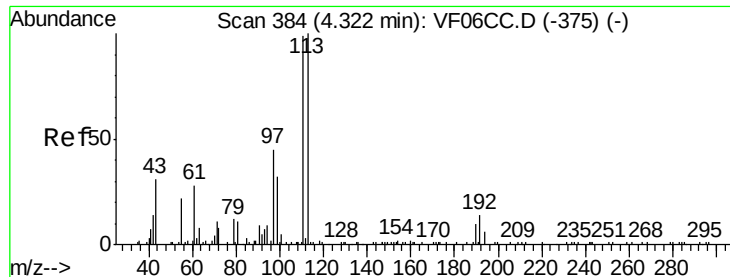
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: VF062911.D
 Acq: 10 Jun 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.0	0.0	34.2	
88	17.0	0.0	31.2	





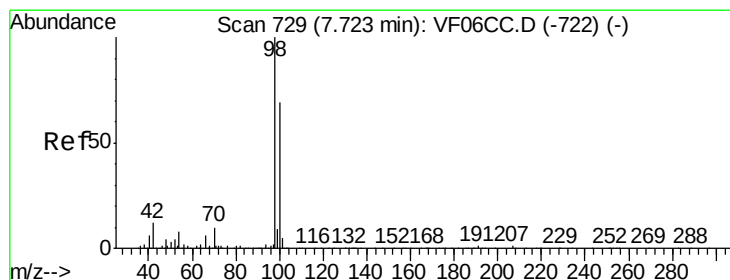
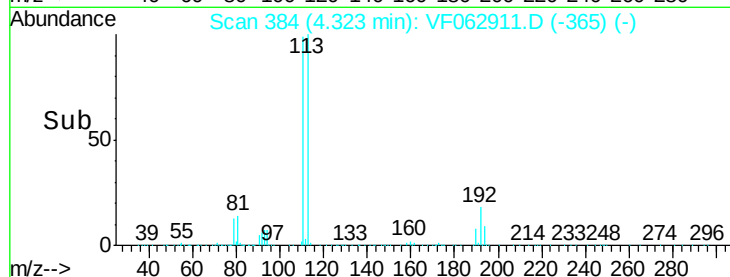
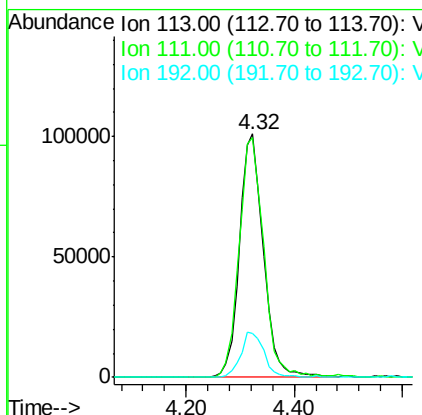
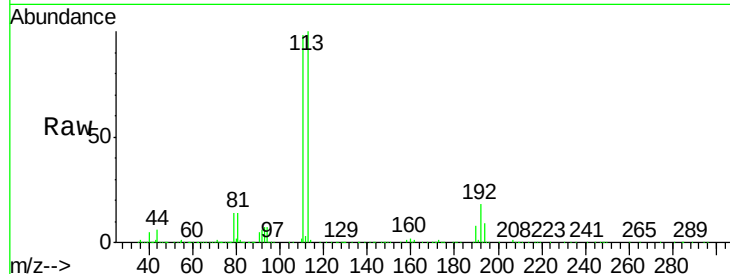
#35
Dibromofluoromethane
Concen: 32.490 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.01 min
Lab File: VF062911.D
Acq: 10 Jun 2019 17:29

Instrument :
MSVOA_F
ClientSampled :
B-03-2.5-3.0

Tot Ion	Ratio	Lower	Upper
113	100		
111	98.4	81.9	122.9
192	18.2	15.1	22.7

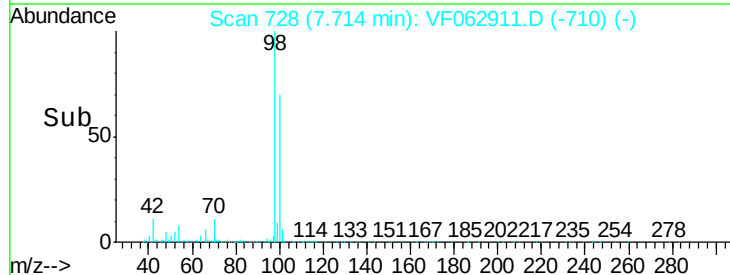
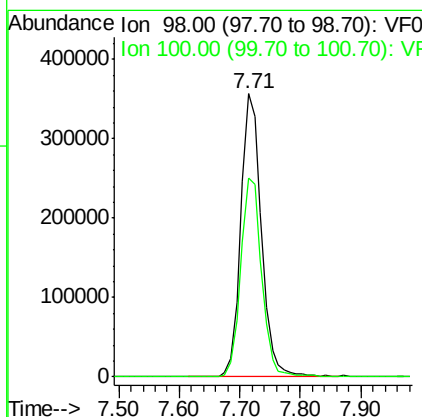
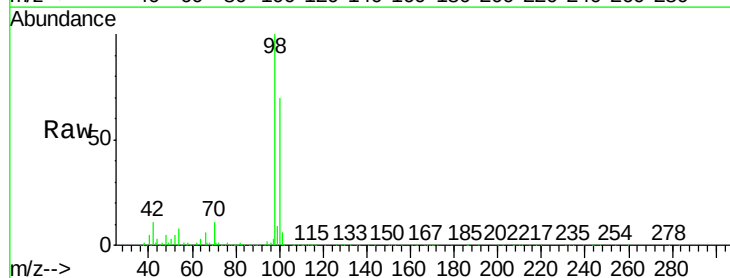
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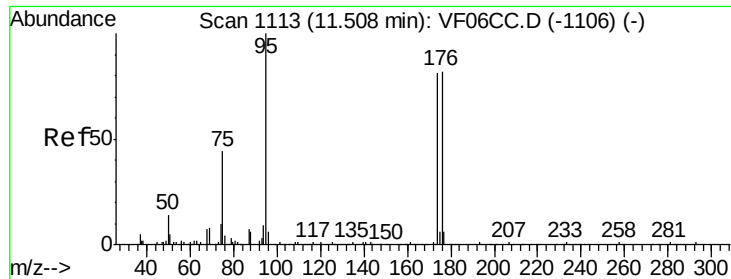
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#50
Toluene-d8
Concen: 34.833 ug/l
RT: 7.71 min Scan# 728
Delta R.T. -0.02 min
Lab File: VF062911.D
Acq: 10 Jun 2019 17:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.3	59.8	89.8





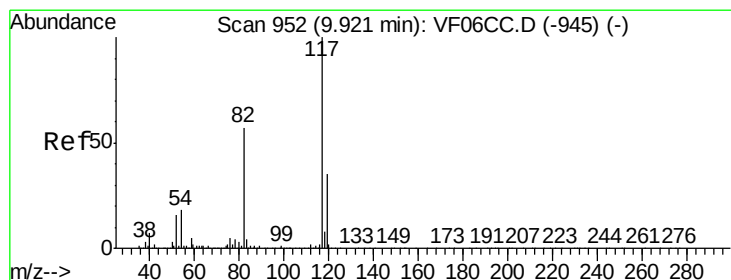
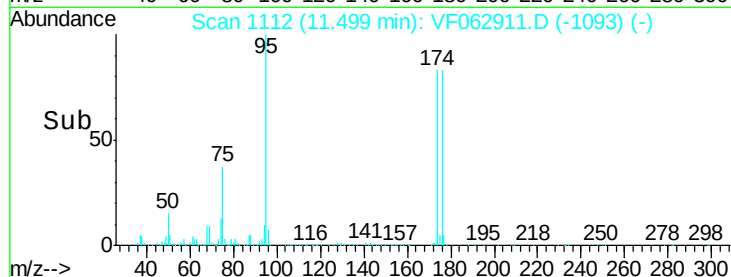
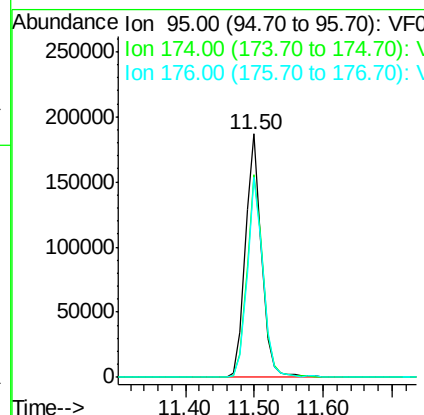
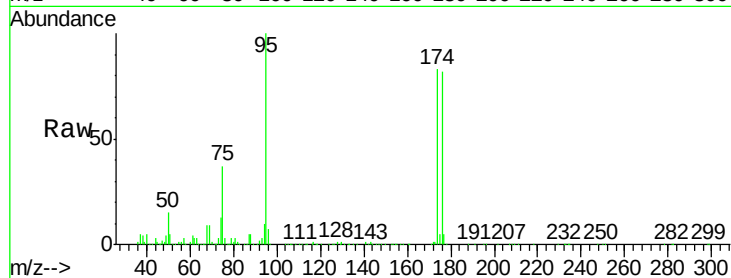
#62
4-Bromofluorobenzene
Concen: 34.820 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VF062911.D
Acq: 10 Jun 2019 17:29

Instrument :
MSVOA_F
ClientSampleId :
B-03-2.5-3.0

Tot Ion	Ratio	Resp	Lower	Upper
95	100	303366		
174	83.1	0.0	170.6	
176	82.3	0.0	170.6	

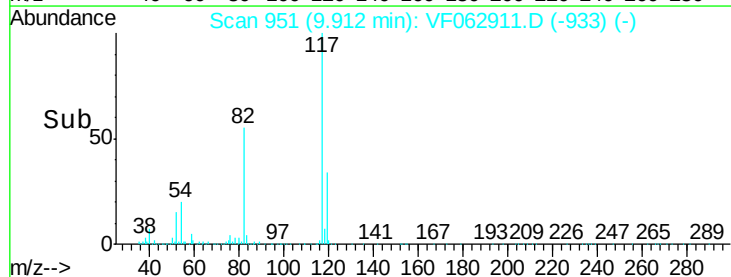
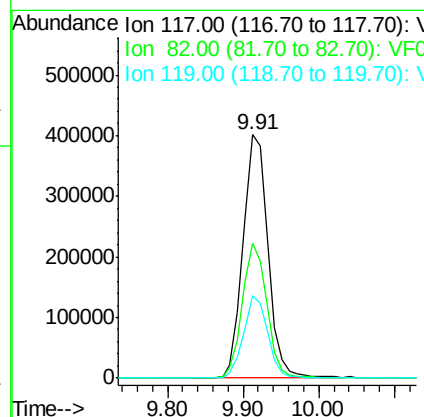
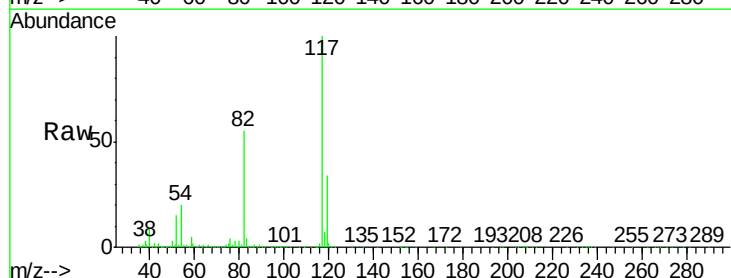
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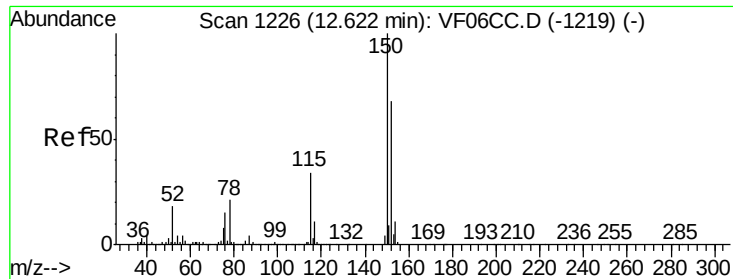
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.02 min
Lab File: VF062911.D
Acq: 10 Jun 2019 17:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	914908		
82	55.4	42.4	63.6	
119	33.7	27.1	40.7	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062911.D

Acq: 10 Jun 2019 17:29

Instrument :

MSVOA_F

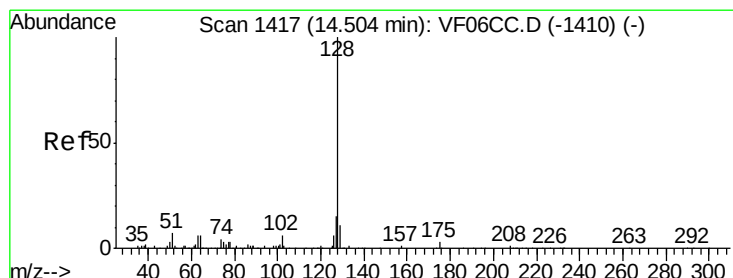
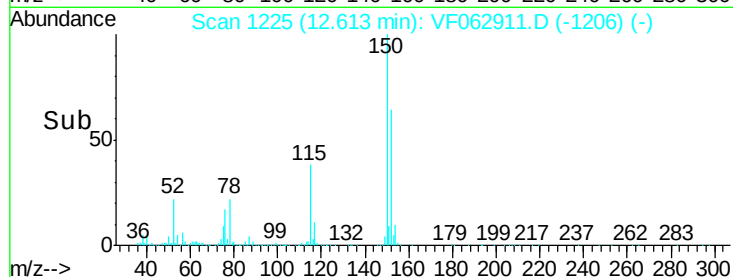
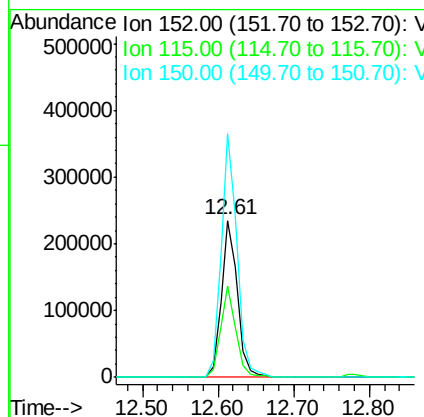
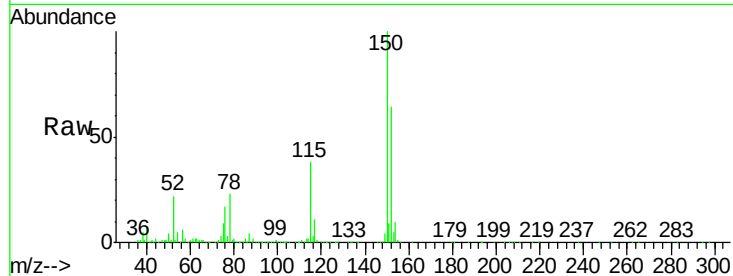
ClientSampleId :

B-03-2.5-3.0

Tot Ion:	152	Resp:	349106
Ion Ratio	Lower	Upper	
152	100		
115	58.4	24.6	74.0
150	155.1	0.0	290.6

Manual Integrations
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#95

Naphthalene

Concen: 1.135 ug/l

RT: 14.50 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VF062911.D

Acq: 10 Jun 2019 17:29

Tgt Ion:	128	Resp:	12113
Ion Ratio	Lower	Upper	
128	100		
127	12.4	9.7	14.5
129	13.3	9.4	14.2

