

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062531.D
 Acq On : 13 May 2019 5:44
 Operator : FY/SY
 Sample : K2734-12RE
 Misc : 5.49g/5mL/MSVOA F/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS013-0206-01RE

Manual Integrations
 APPROVED

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 5/13/2019 11:32:49 AM

Quant Time: May 15 01:58:27 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	242969	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	310240	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	210841	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	76873	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.05	65	96858	42.18	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.36%	
35) Dibromofluoromethane	4.32	113	119891	48.51	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	7.73	98	208565	34.86	ug/l	0.03
Spiked Amount 50.000			Recovery	=	69.72%	
62) 4-Bromofluorobenzene	11.51	95	67090	24.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	49.70%	

Target Compounds Qvalue

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

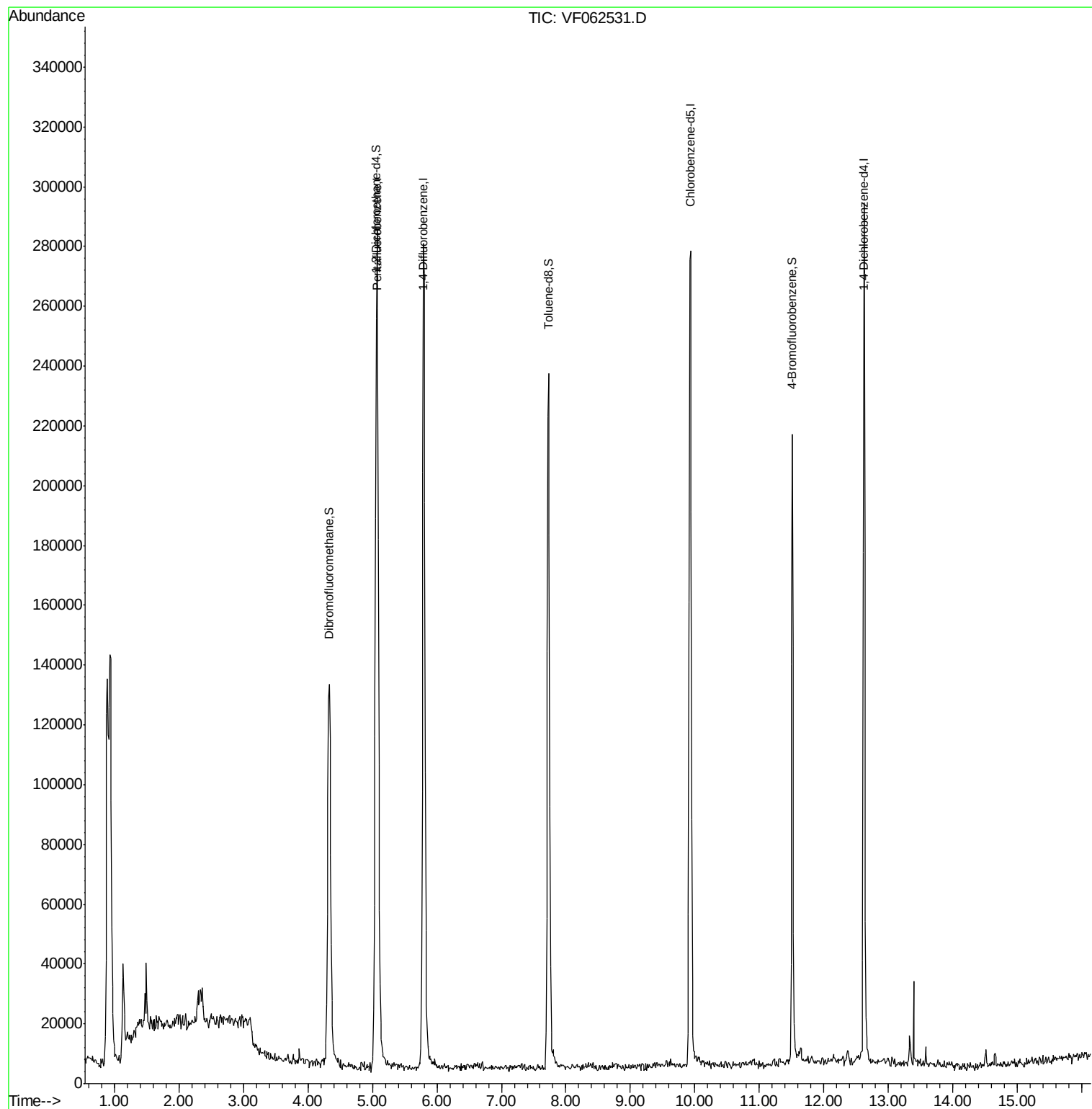
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
Data File : VF062531.D
Acq On : 13 May 2019 5:44
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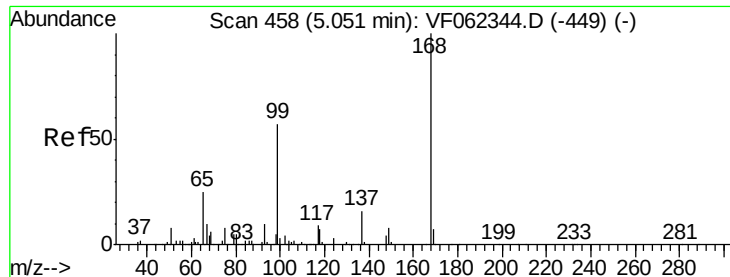
Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0206-01RE

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Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. 0.03 min

Lab File: VF062531.D

Acq: 13 May 2019 5:44

Instrument :

MSVOA_F

ClientSampleId :

P026-SS013-0206-01RE

Tot Ion:168 Resp: 242969

Ion Ratio Lower Upper

168 100

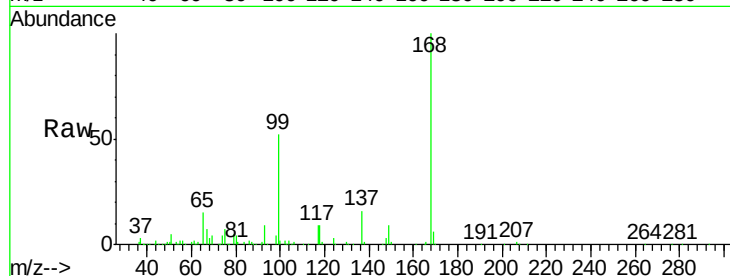
99 52.4 45.9 68.9

Manual Integrations

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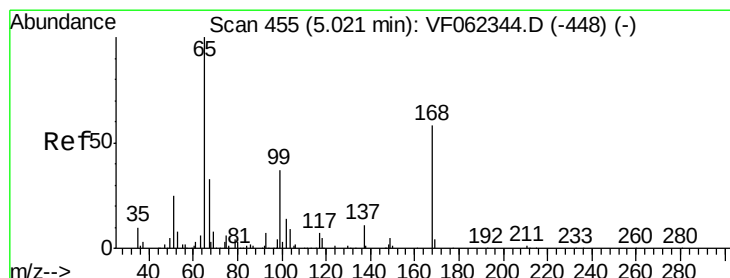
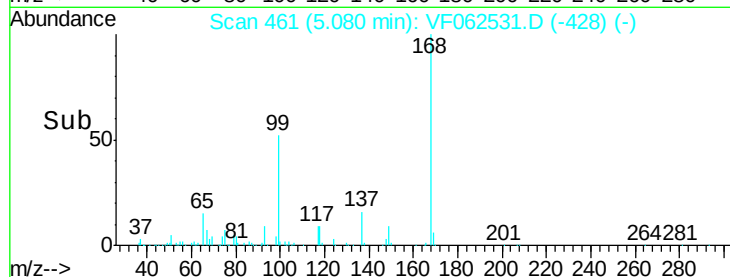
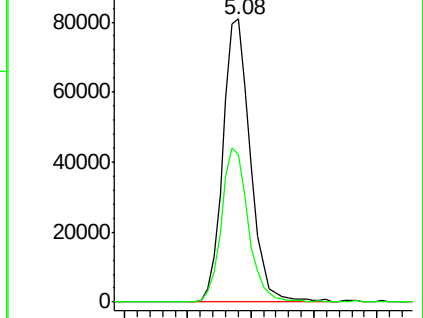
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 42.183 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062531.D

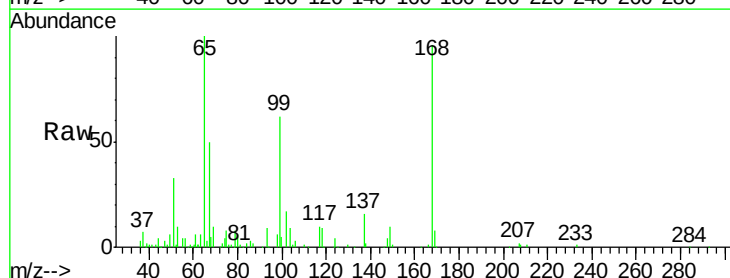
Acq: 13 May 2019 5:44

Tgt Ion: 65 Resp: 96858

Ion Ratio Lower Upper

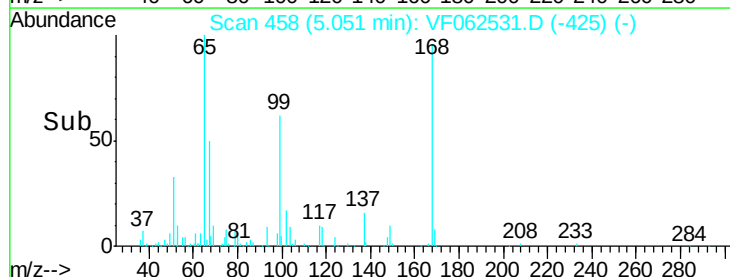
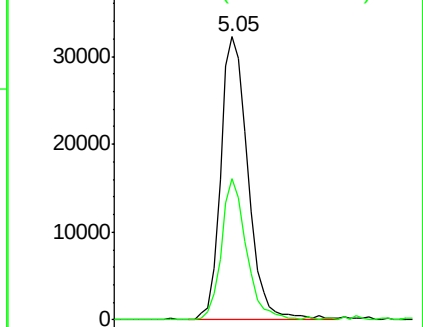
65 100

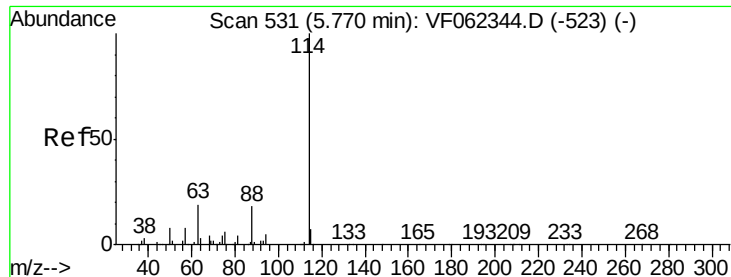
67 45.6 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





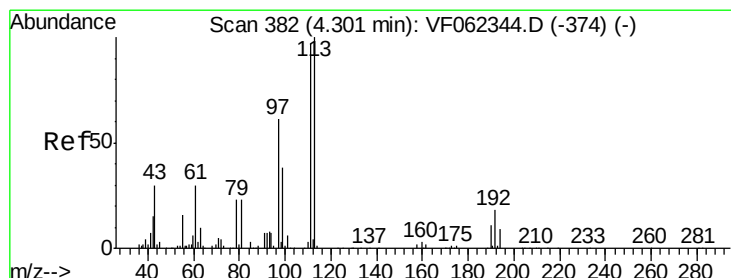
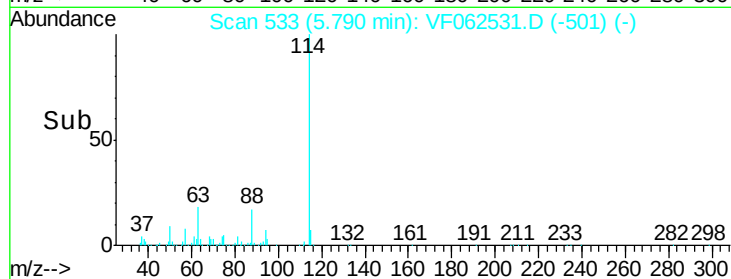
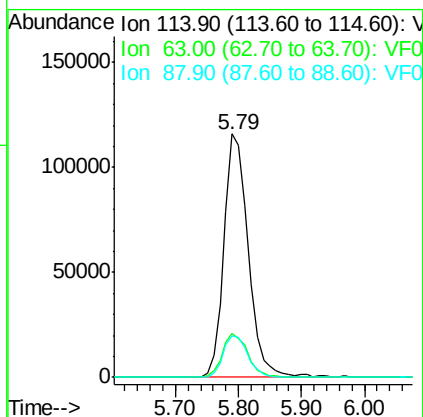
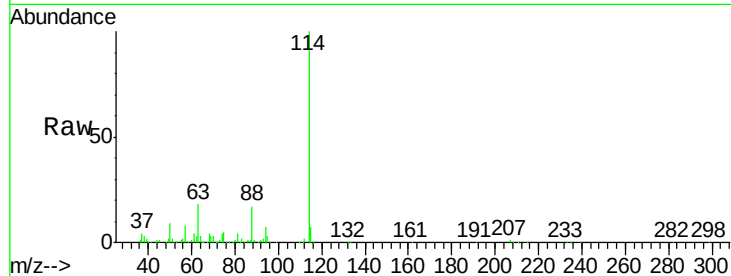
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. 0.02 min
Lab File: VF062531.D
Acq: 13 May 2019 5:44

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0206-01RE

Tot Ion:	114	Resp:	310240
Ion Ratio		Lower	Upper
114	100		
63	18.3	0.0	37.4
88	17.2	0.0	36.4

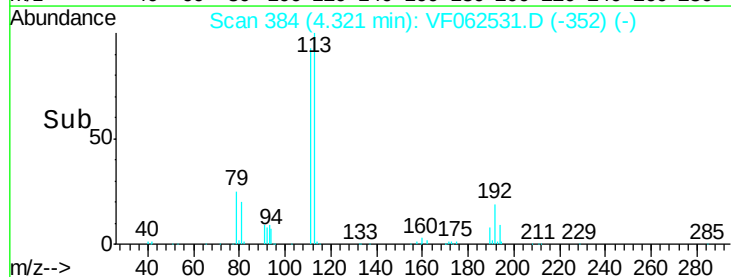
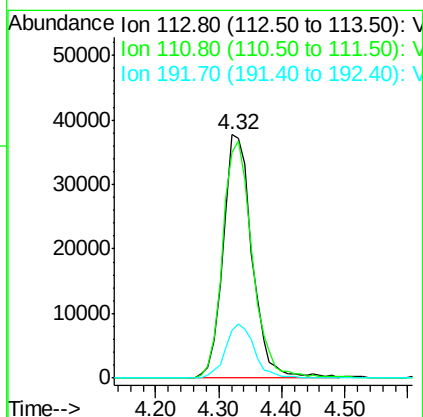
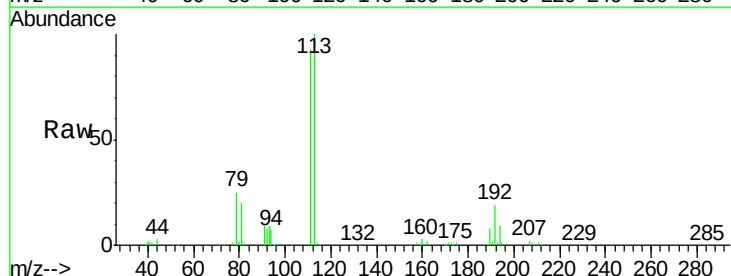
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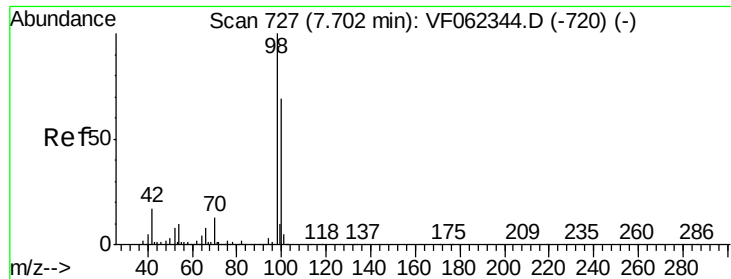
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#35
Dibromofluoromethane
Concen: 48.507 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062531.D
Acq: 13 May 2019 5:44

Tgt Ion:	113	Resp:	119891
Ion Ratio		Lower	Upper
113	100		
111	100.8	79.4	119.0
192	22.2	16.0	24.0





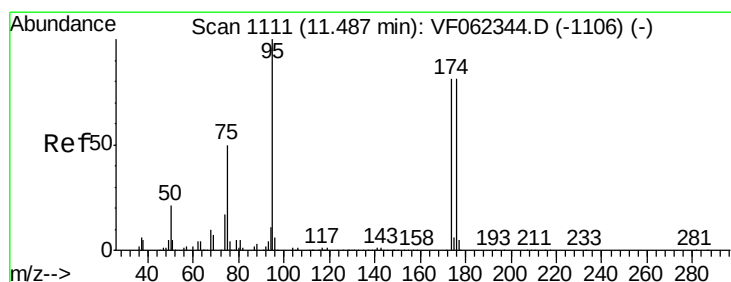
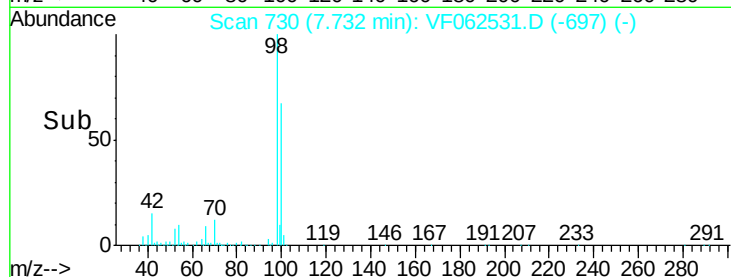
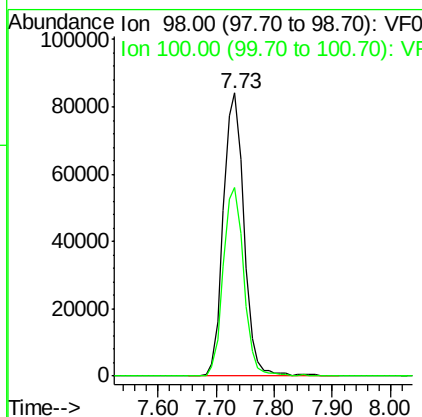
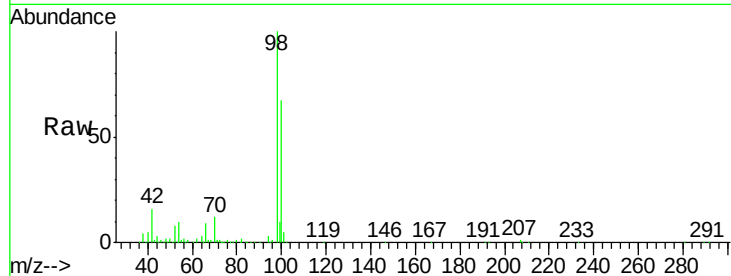
#50
Toluene-d8
Concen: 34.860 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.03 min
Lab File: VF062531.D
Acq: 13 May 2019 5:44

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0206-01RE

Tot Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9

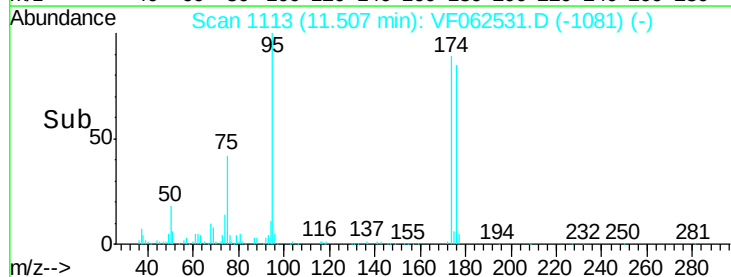
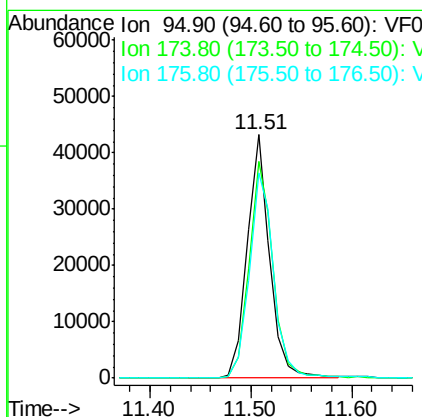
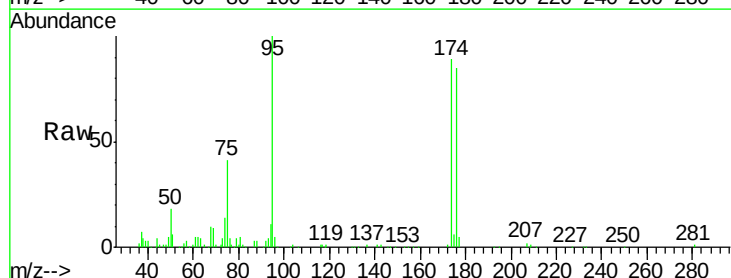
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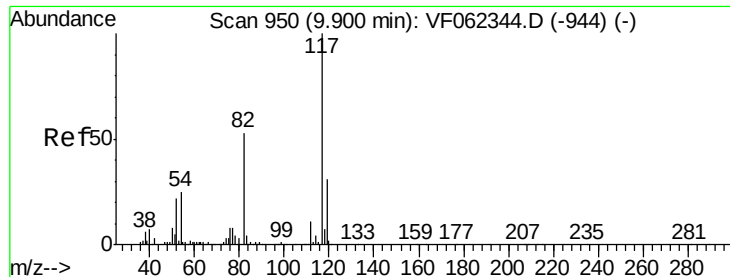
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#62
4-Bromofluorobenzene
Concen: 24.855 ug/l
RT: 11.51 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062531.D
Acq: 13 May 2019 5:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	191.8
176	91.2	0.0	193.2





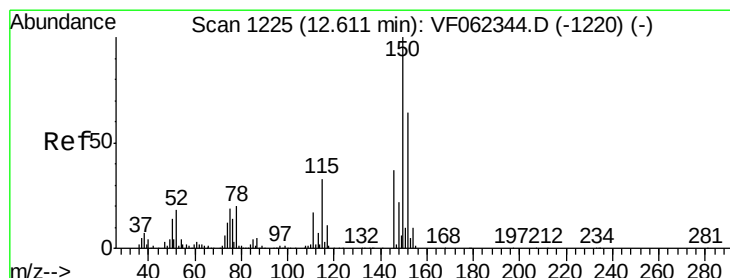
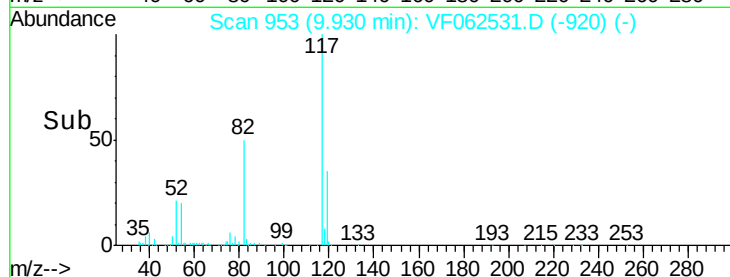
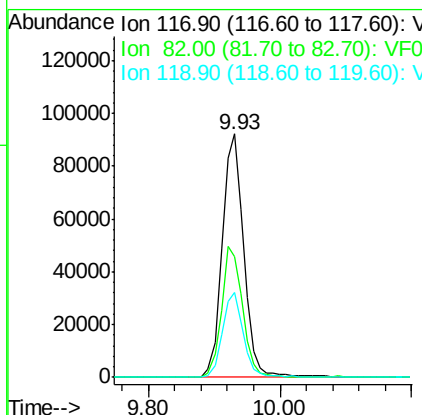
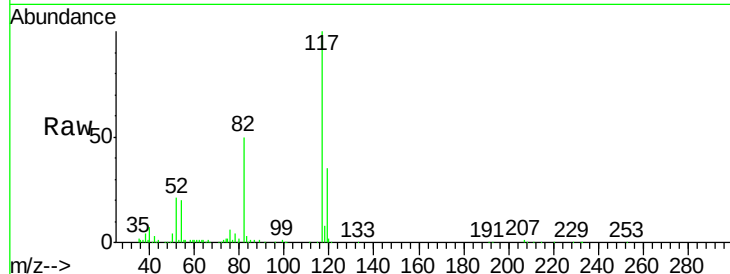
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.03 min
Lab File: VF062531.D
Acq: 13 May 2019 5:44

Instrument :
MSVOA_F
ClientSampleId :
P026-SS013-0206-01RE

Tot Ion	Ratio	Resp	Lower	Upper
117	100	210841		
82	49.8	42.2	63.2	
119	34.6	25.0	37.4	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062531.D
Acq: 13 May 2019 5:44

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	76873		
115	53.2	26.4	79.2	
150	152.4	0.0	335.0	

