

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032519\
 Data File : VF062133.D
 Acq On : 25 Mar 2019 15:54
 Operator : VA/AP
 Sample : K2081-07
 Misc : 6.78g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 S3A(22)

Manual Integrations
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 3/26/2019 3:59:35 PM

Quant Time: Mar 26 05:19:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F032219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 01:16:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	257407	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.60	114	407463	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.78	117	355316	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.55	152	197498	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	81028	42.32	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.64%	
35) Dibromofluoromethane	4.12	113	122132	44.31	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.62%	
50) Toluene-d8	7.55	98	328030	39.87	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	79.74%	
62) 4-Bromofluorobenzene	11.40	95	144278	45.42	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.84%	
Target Compounds						
16) Acetone	2.23	43	10916	27.089	ug/l #	88
20) Methylene Chloride	2.18	84	29244m	9.466	ug/l	

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

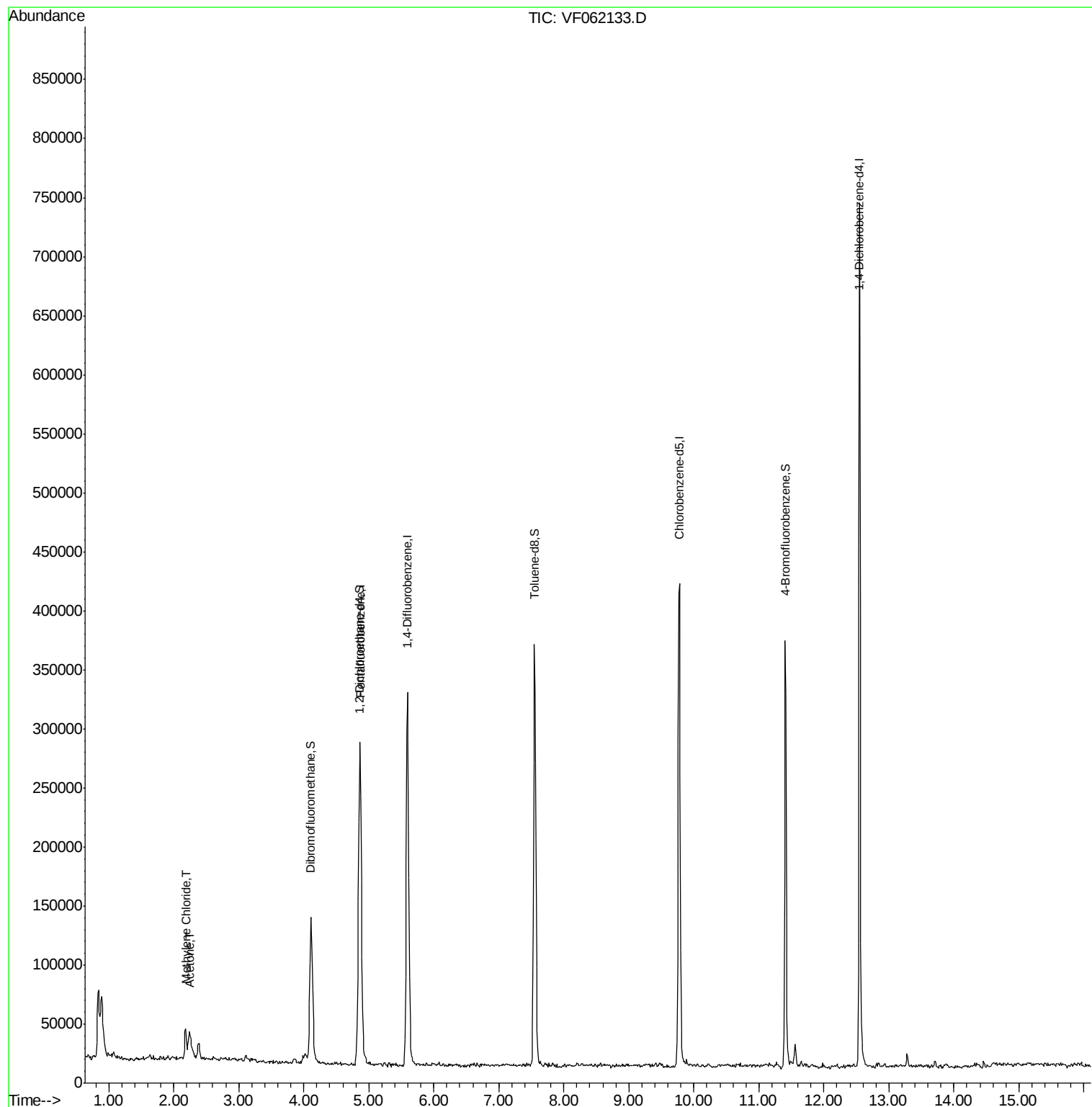
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032519\
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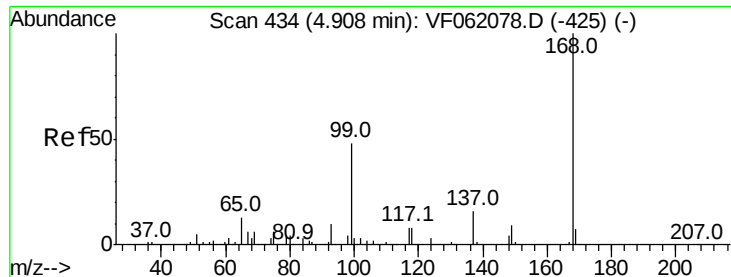
Instrument :
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Quant Title : SW846 8260
QLast Update : Sat Mar 23 01:16:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.04 min

Lab File: VF062133.D

Acq: 25 Mar 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

S3A(22)

Tot Ion:168 Resp: 257407

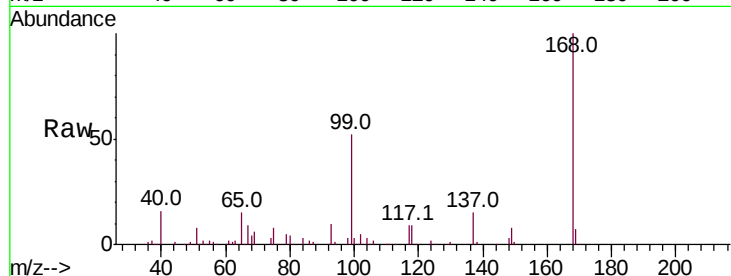
Ion Ratio Lower Upper

168 100

99 52.3 38.2 57.4

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

80000

60000

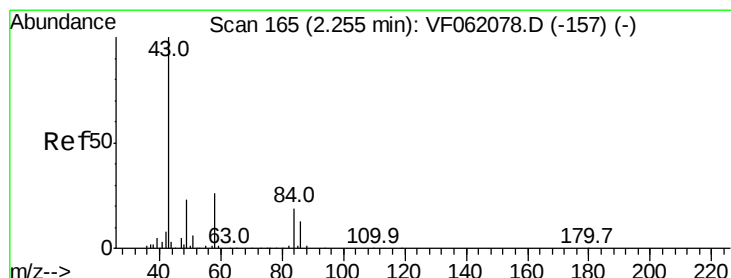
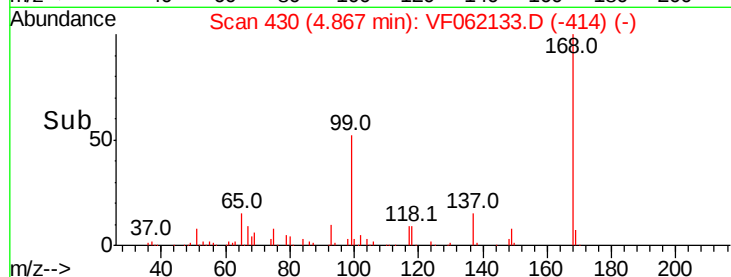
40000

20000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#16

Acetone

Concen: 27.089 ug/l

RT: 2.23 min Scan# 163

Delta R.T. -0.02 min

Lab File: VF062133.D

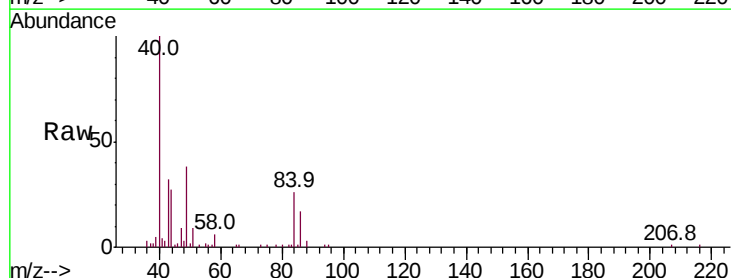
Acq: 25 Mar 2019 15:54

Tgt Ion: 43 Resp: 10916

Ion Ratio Lower Upper

43 100

58 19.6 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

5000

4000

3000

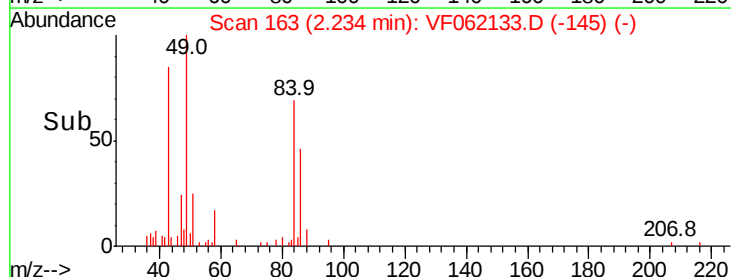
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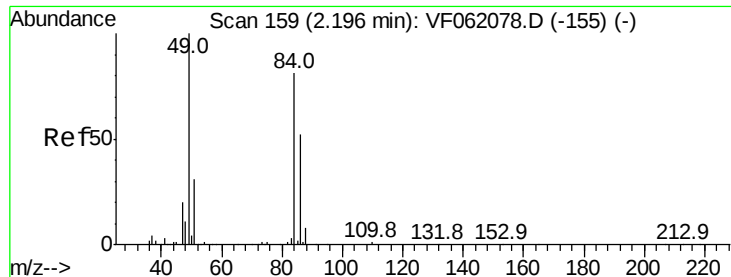
1000

0

Time-->

2.10 2.20 2.30





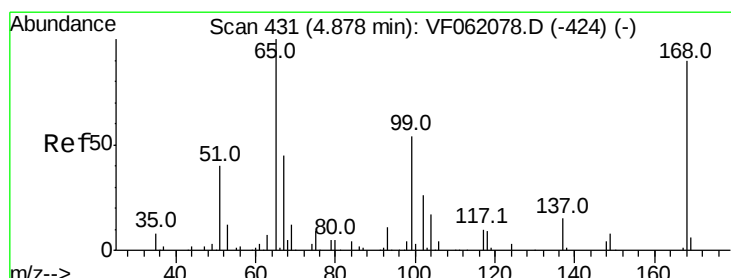
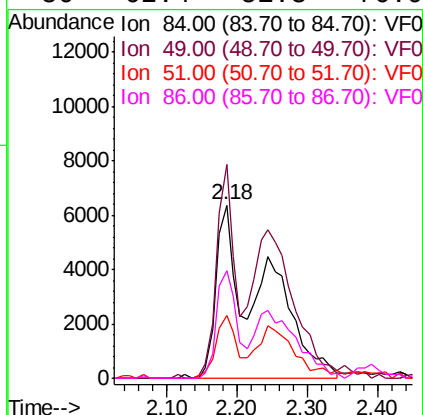
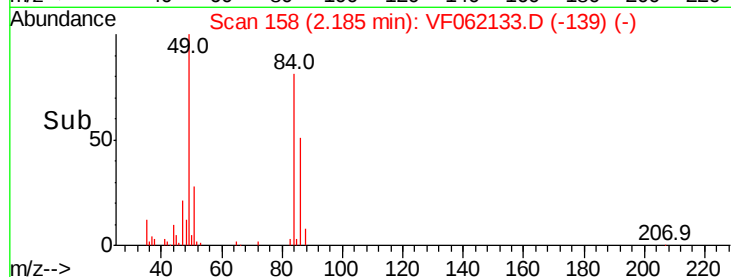
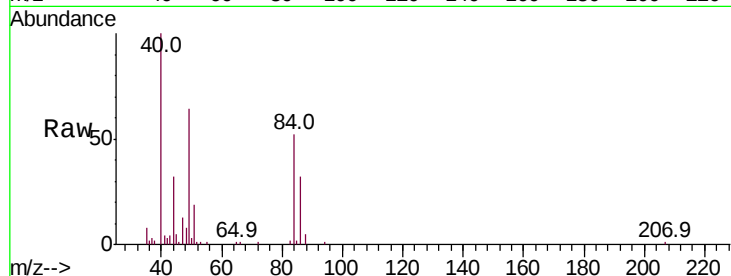
#20
Methvlene Chloride
Concen: 9.466 ug/l m
RT: 2.18 min Scan# 158
Delta R.T. -0.01 min
Lab File: VF062133.D
Acq: 25 Mar 2019 15:54

Instrument :
MSVOA_F
ClientSampleId :
S3A(22)

Tot Ion	Ratio	Lower	Upper
84	100		
49	123.3	100.4	150.6
51	36.5	31.0	46.6
86	62.4	51.3	76.9

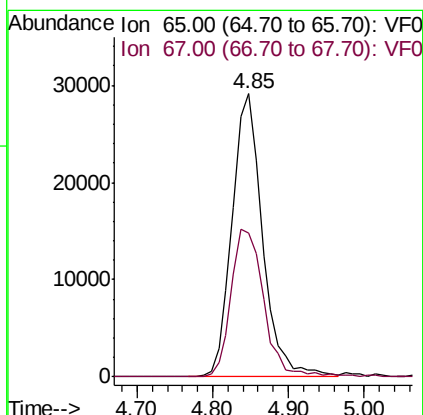
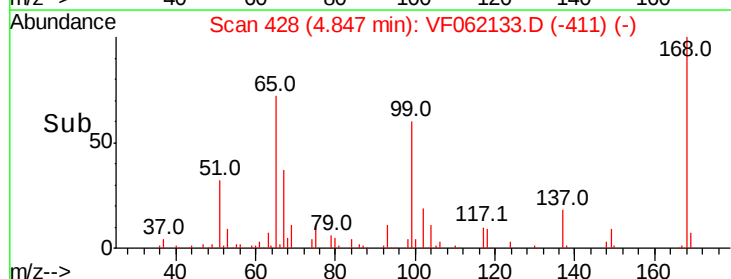
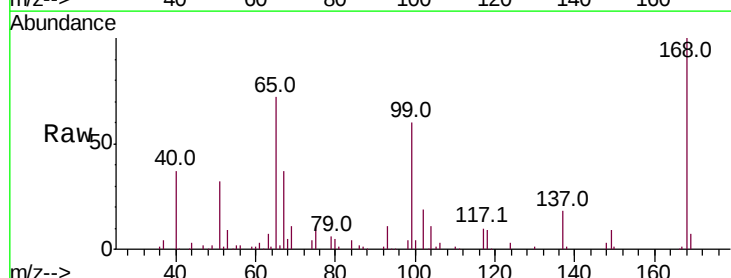
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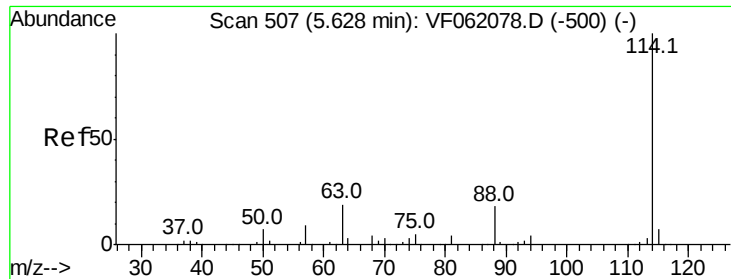
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#33
1,2-Dichloroethane-d4
Concen: 42.321 ug/l
RT: 4.85 min Scan# 428
Delta R.T. -0.03 min
Lab File: VF062133.D
Acq: 25 Mar 2019 15:54

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	106.2





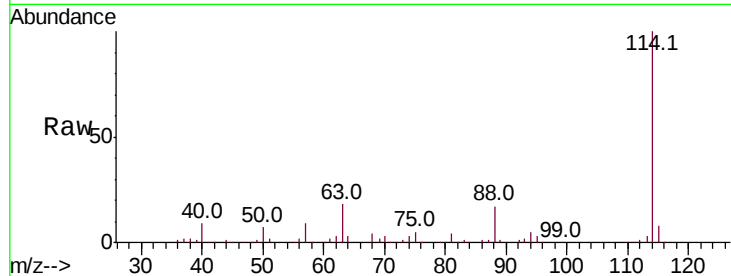
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.60 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: VF062133.D
 Acq: 25 Mar 2019 15:54

Instrument :
 MSVOA_F
 ClientSampleId :
 S3A(22)

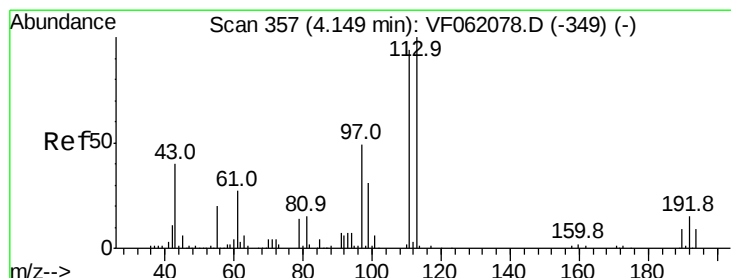
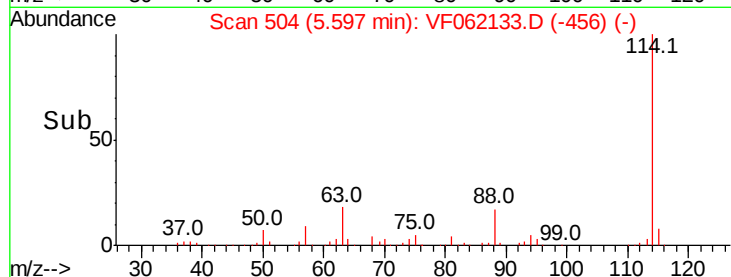
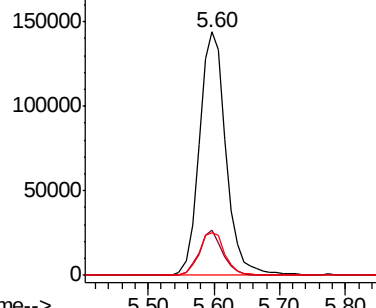
Tot Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.4	0.0	37.8	
88	17.4	0.0	36.4	

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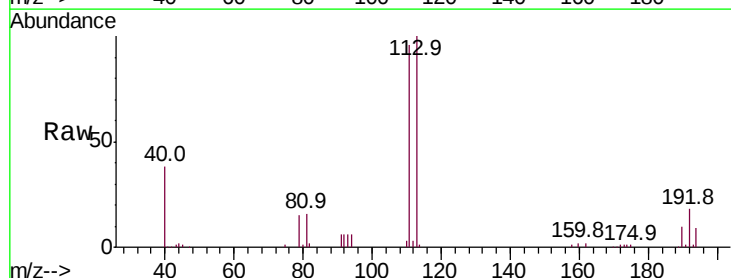


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

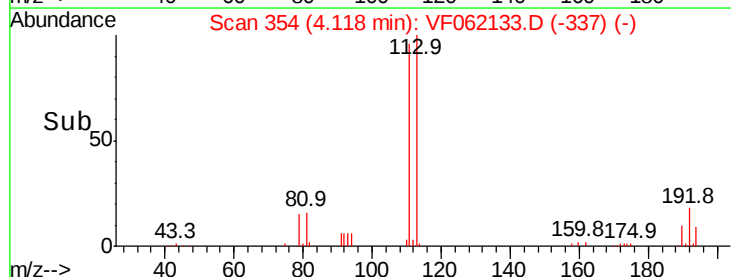
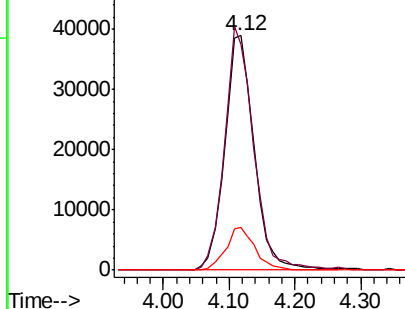


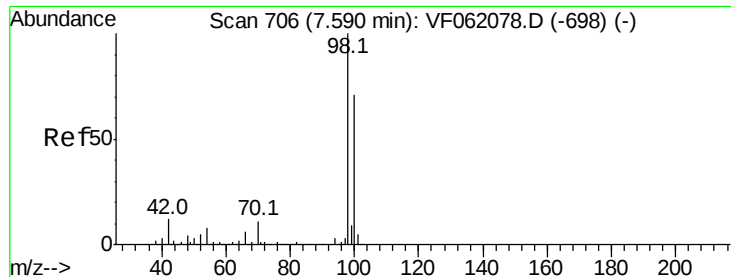
#35
 Dibromofluoromethane
 Concen: 44.310 ug/l
 RT: 4.12 min Scan# 354
 Delta R.T. -0.03 min
 Lab File: VF062133.D
 Acq: 25 Mar 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
111	96.0	75.4	113.0	
192	18.3	12.3	18.5	



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: 39.869 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.04 min

Lab File: VF062133.D

Acq: 25 Mar 2019 15:54

Instrument :

MSVOA_F

ClientSampleId :

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Tot Ion: 98 Resp: 328030

Ion Ratio Lower Upper

98 100

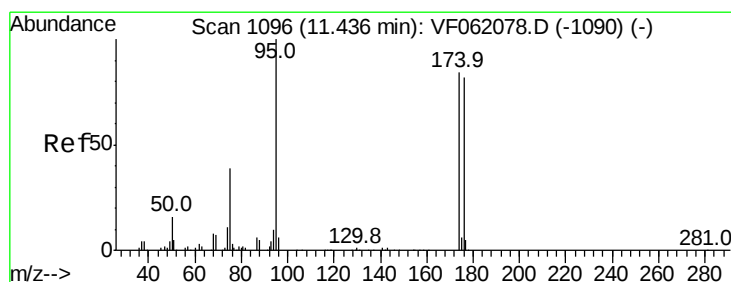
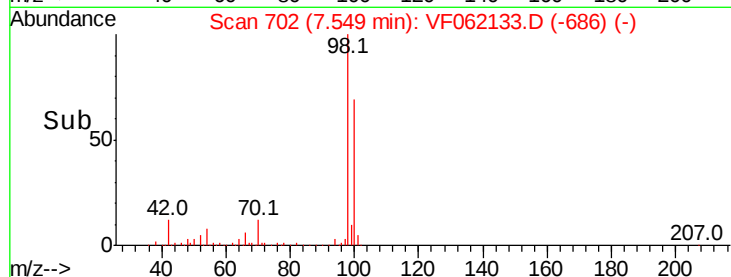
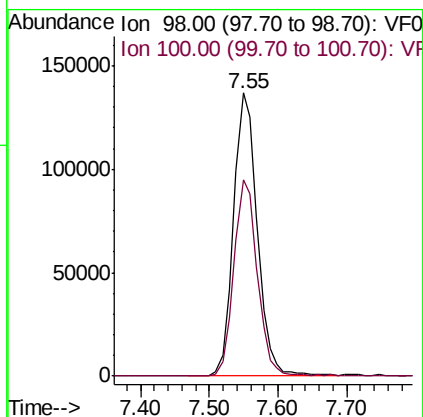
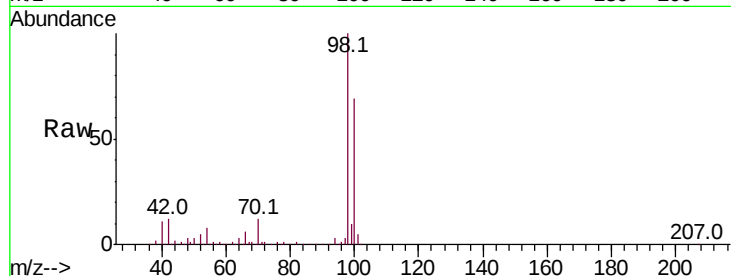
100 69.5 57.0 85.6

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#62

4-Bromofluorobenzene

Concen: 45.423 ug/l

RT: 11.40 min Scan# 1093

Delta R.T. -0.03 min

Lab File: VF062133.D

Acq: 25 Mar 2019 15:54

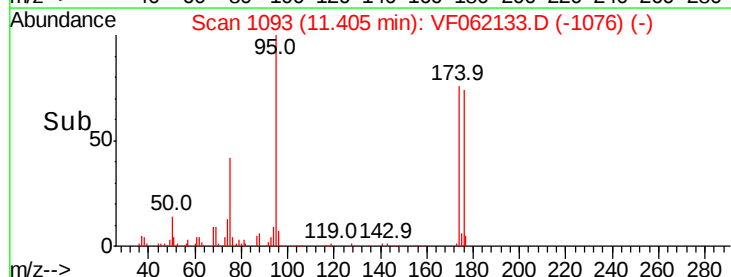
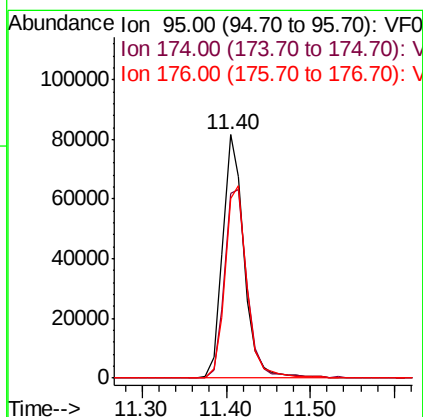
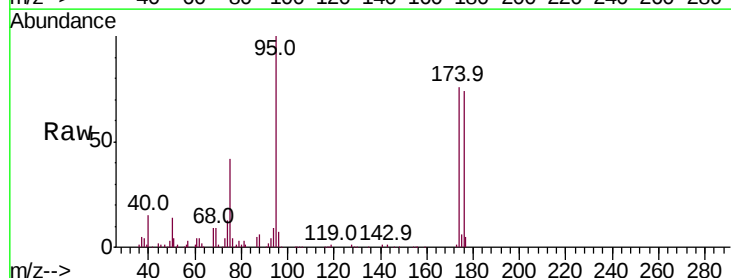
Tgt Ion: 95 Resp: 144278

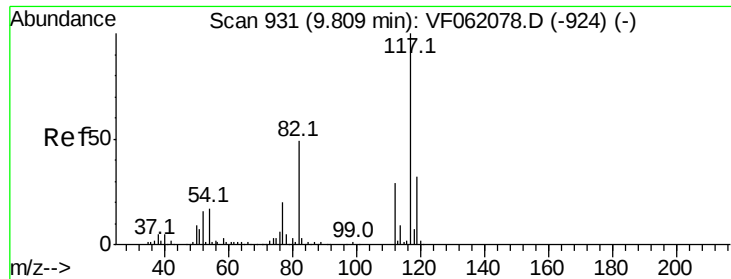
Ion Ratio Lower Upper

95 100

174 75.9 0.0 168.2

176 74.0 0.0 164.2





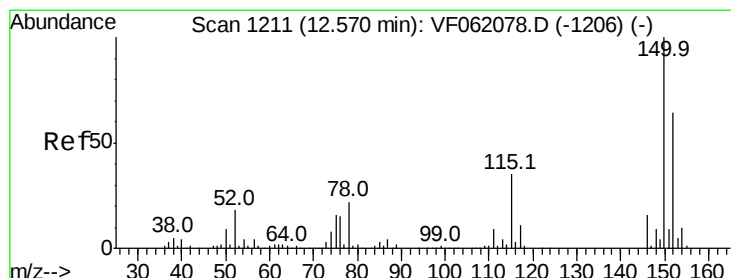
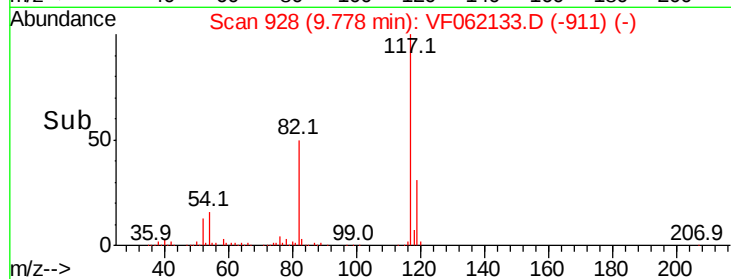
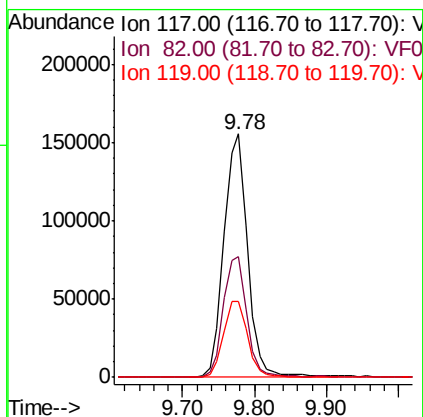
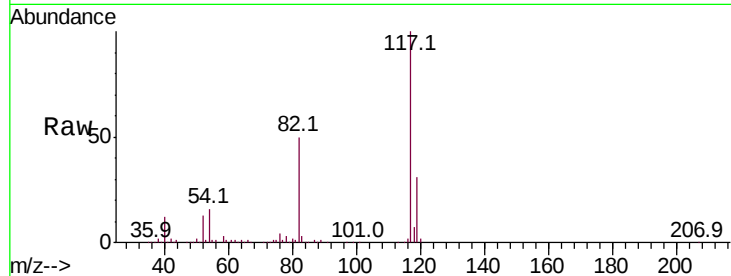
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. -0.03 min
Lab File: VF062133.D
Acq: 25 Mar 2019 15:54

Instrument :
MSVOA_F
ClientSampleId :
S3A(22)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	355316		
82	49.6	39.2	58.8	
119	31.5	25.4	38.2	

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. -0.02 min
Lab File: VF062133.D
Acq: 25 Mar 2019 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	197498		
115	52.9	27.7	83.1	
150	152.3	0.0	313.2	

