

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032619\
 Data File : VF062146.D
 Acq On : 26 Mar 2019 15:20
 Operator : VA/AP
 Sample : K2004-05
 Misc : 4.83g/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-24(7-8)

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 12:01:42 PM

Quant Time: Mar 27 09:52:54 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	4.85	168	152944	50.00	ug/l	-0.06
34) 1,4-Difluorobenzene	5.58	114	247576	50.00	ug/l	-0.05
63) Chlorobenzene-d5	9.76	117	143132	50.00	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	12.54	152	41090	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	56228	49.43	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	98.86%	
35) Dibromofluoromethane	4.10	113	78052	46.61	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	93.22%	
50) Toluene-d8	7.54	98	152837	30.57	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	61.14%	
62) 4-Bromofluorobenzene	11.40	95	57381m	29.73	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	59.46%	
Target Compounds						
16) Acetone	2.22	43	24332	101.626	ug/l	93
20) Methylene Chloride	2.17	84	11395m	5.026	ug/l	

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

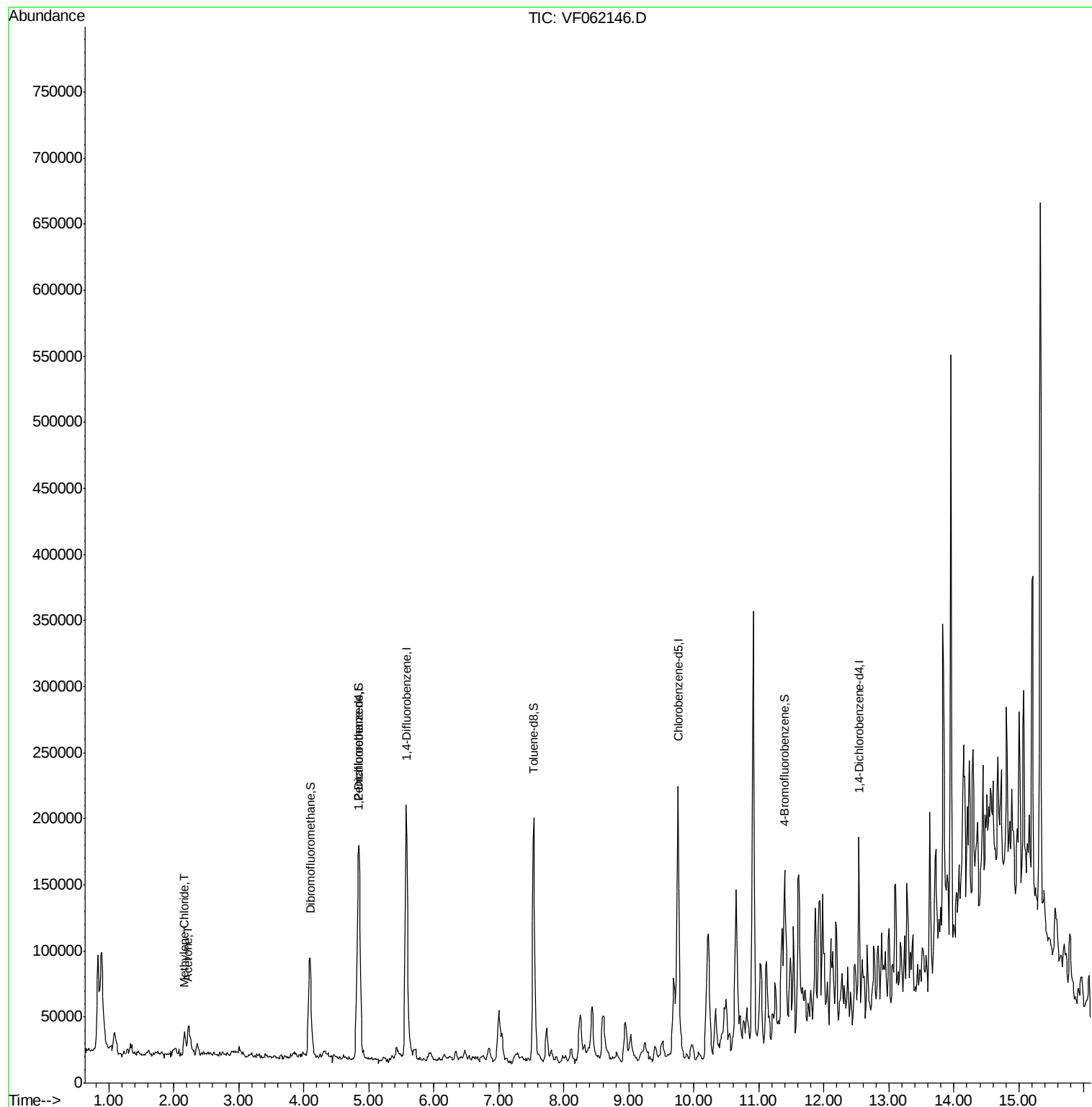
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032619\
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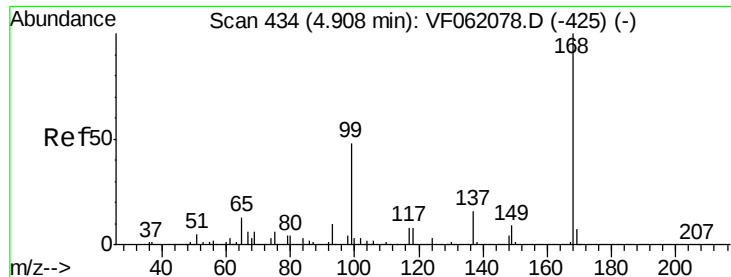
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.06 min

Lab File: VF062146.D

Acq: 26 Mar 2019 15:20

Instrument :

MSVOA_F

ClientSampleId :

SB-24(7-8)

Tot Ion:168 Resp: 152944

Ion Ratio Lower Upper

168 100

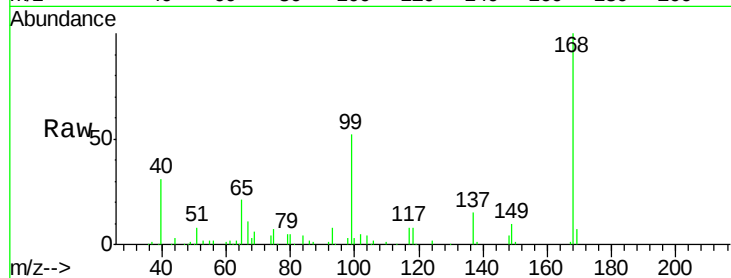
99 51.7 38.2 57.4

Manual Integrations

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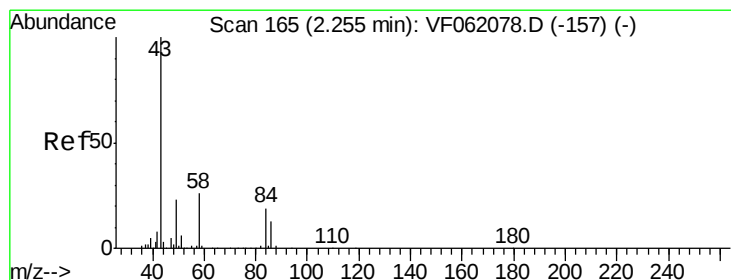
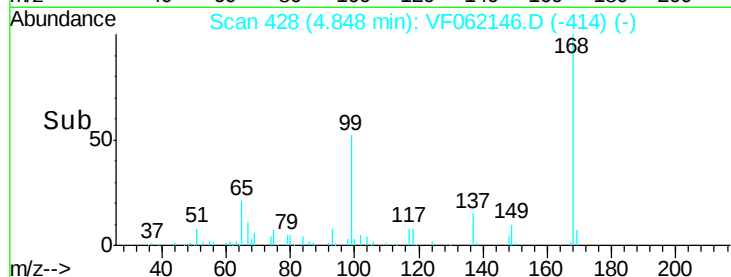
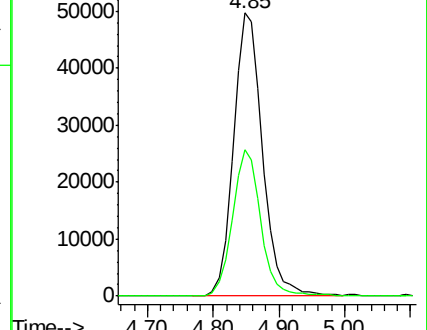
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 101.626 ug/l

RT: 2.22 min Scan# 162

Delta R.T. -0.03 min

Lab File: VF062146.D

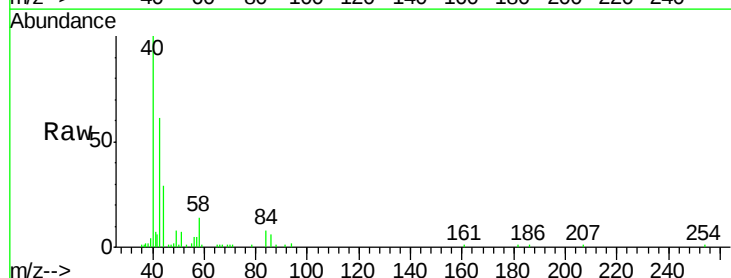
Acq: 26 Mar 2019 15:20

Tgt Ion: 43 Resp: 24332

Ion Ratio Lower Upper

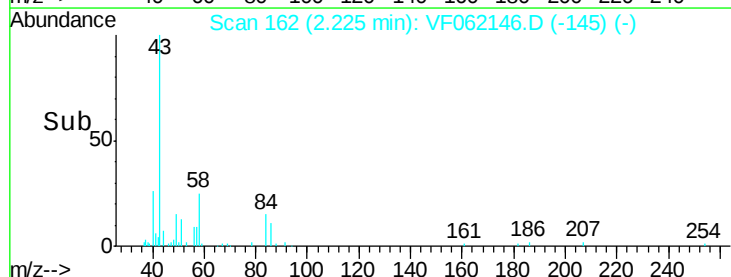
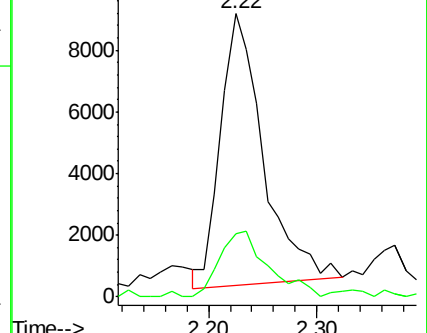
43 100

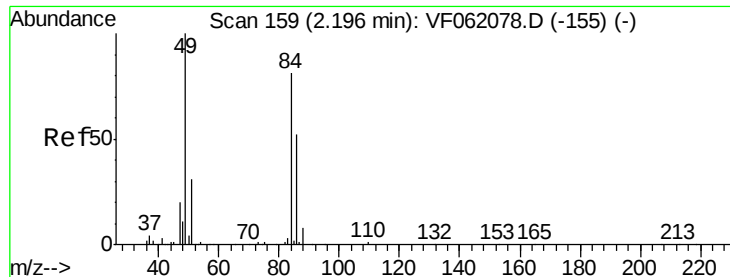
58 22.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





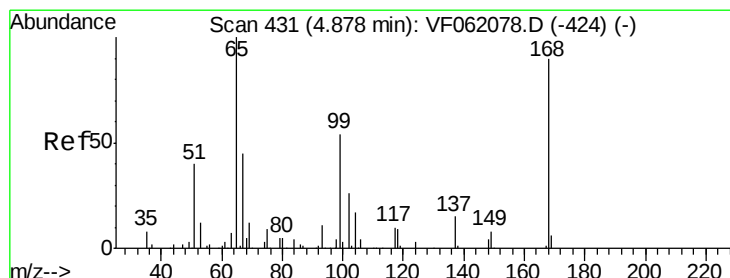
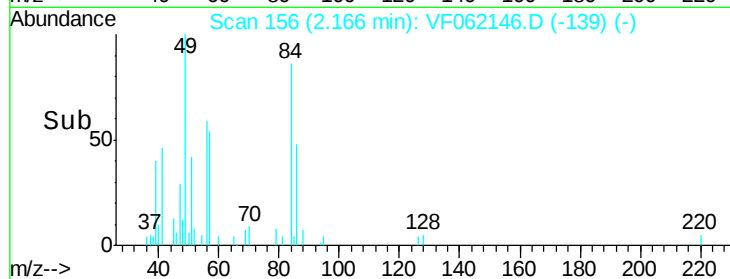
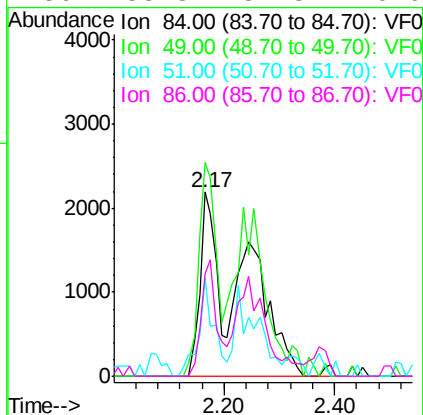
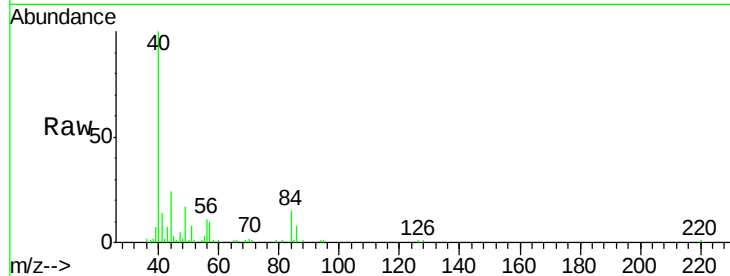
#20
Methvlene Chloride
Concen: 5.026 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.03 min
Lab File: VF062146.D
Acq: 26 Mar 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	116.0	100.4	150.6	
51	53.4	31.0	46.6	
86	55.8	51.3	76.9	

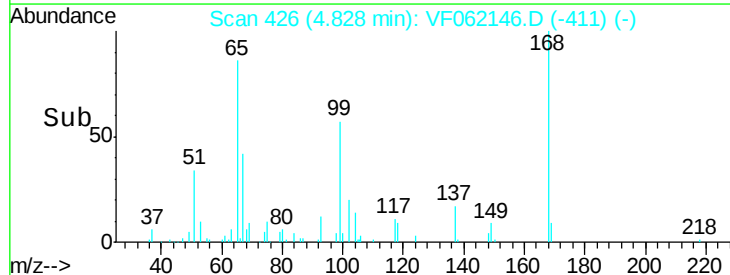
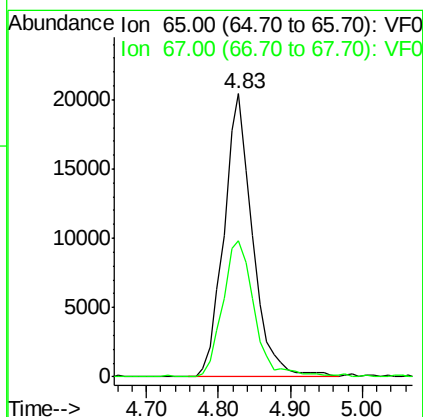
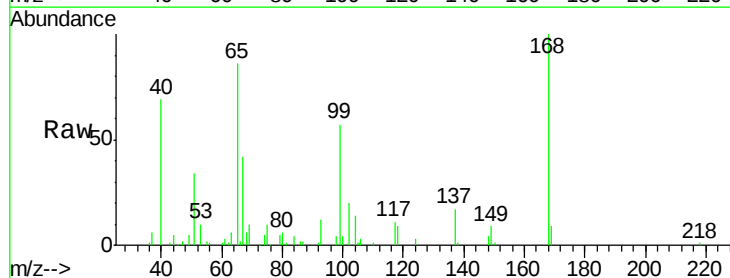
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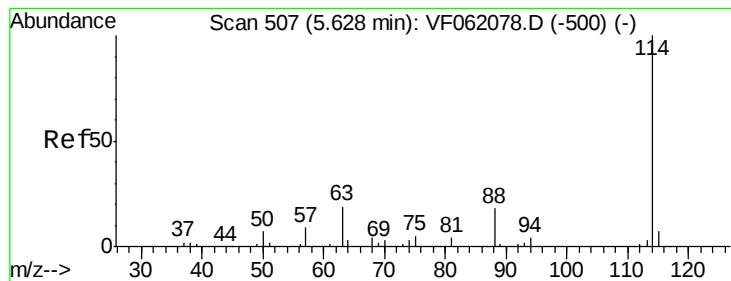
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#33
1,2-Dichloroethane-d4
Concen: 49.426 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.05 min
Lab File: VF062146.D
Acq: 26 Mar 2019 15:20

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	48.1	0.0	106.2	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.05 min

Lab File: VF062146.D

Acq: 26 Mar 2019 15:20

Instrument :

MSVOA_F

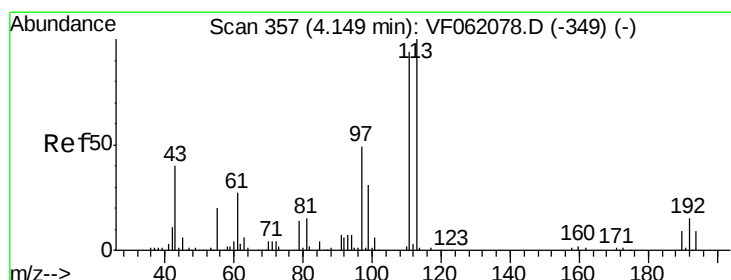
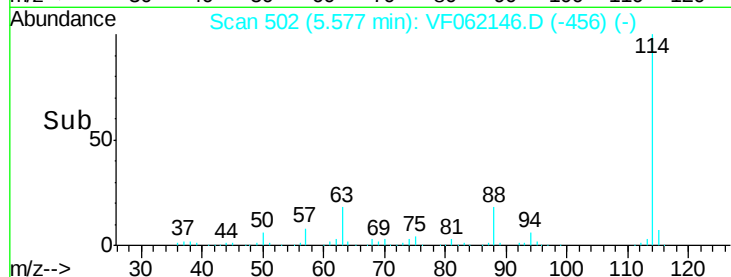
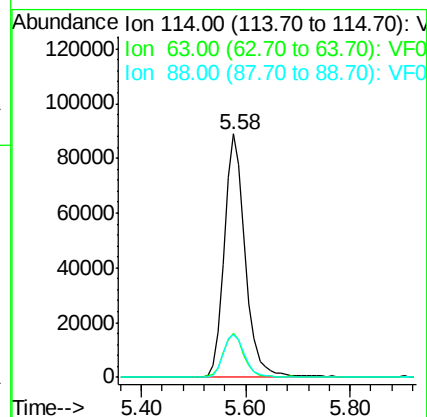
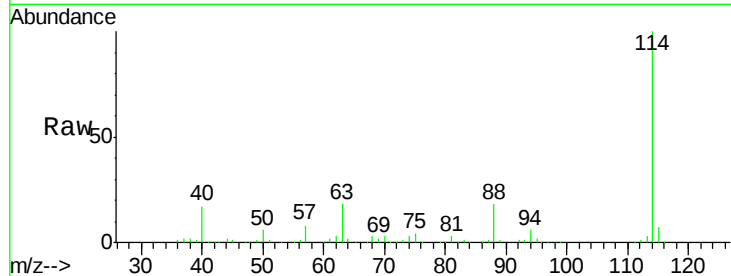
ClientSampleId :

SB-24(7-8)

Tot Ion:	114	Resp:	247576
Ion Ratio	Lower	Upper	
114	100		
63	18.1	0.0	37.8
88	17.7	0.0	36.4

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#35

Dibromofluoromethane

Concen: 46.605 ug/l

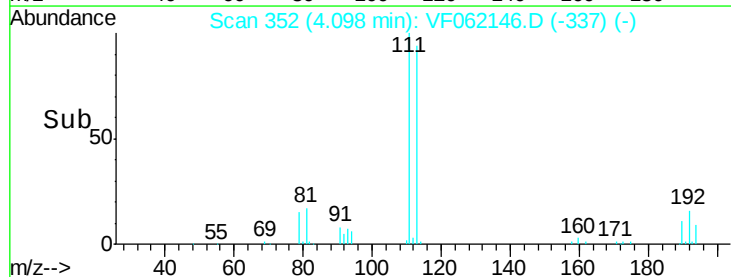
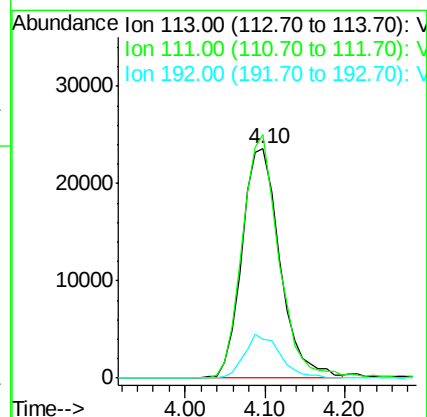
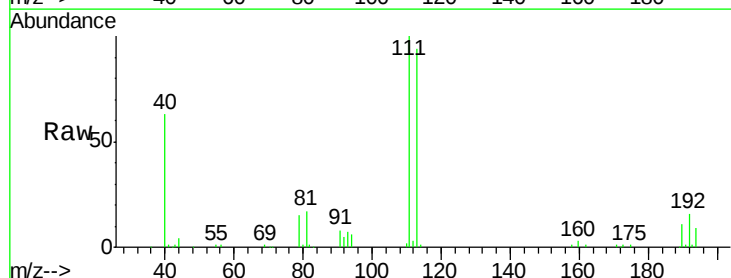
RT: 4.10 min Scan# 352

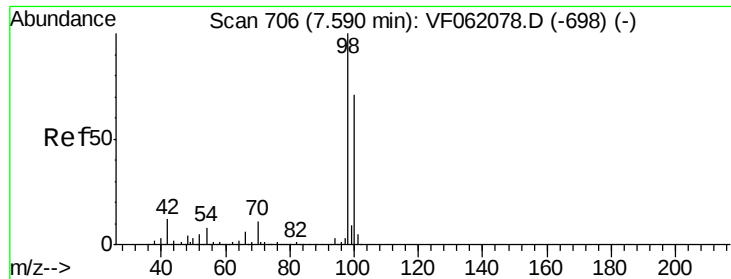
Delta R.T. -0.05 min

Lab File: VF062146.D

Acq: 26 Mar 2019 15:20

Tgt Ion:	113	Resp:	78052
Ion Ratio	Lower	Upper	
113	100		
111	106.2	75.4	113.0
192	17.8	12.3	18.5





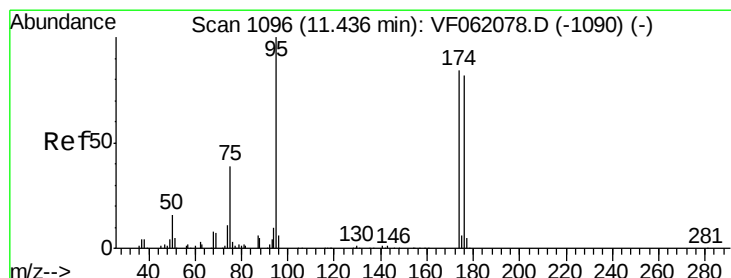
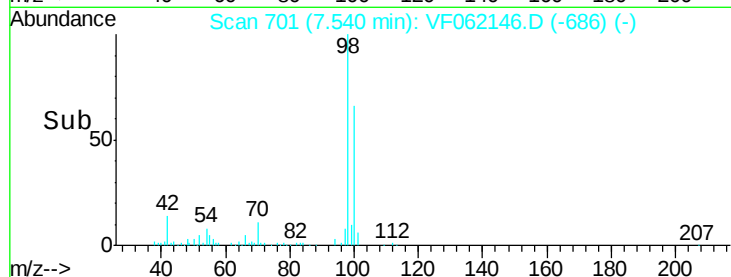
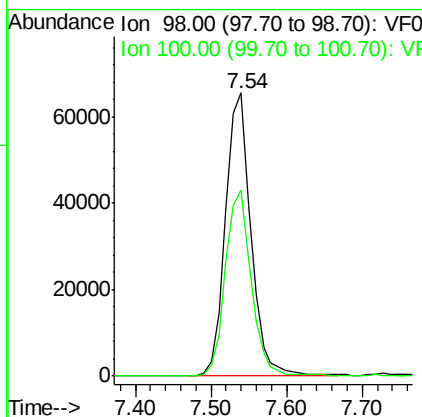
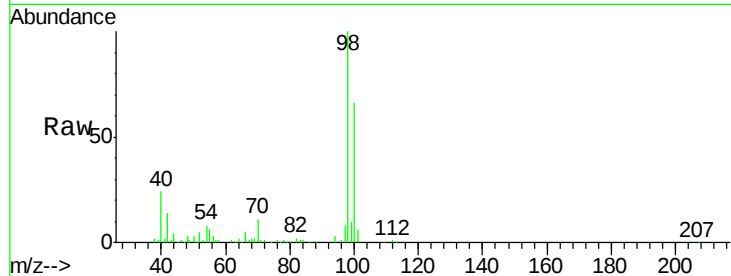
#50
Toluene-d8
Concen: 30.572 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.05 min
Lab File: VF062146.D
Acq: 26 Mar 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

Tot Ion: 98 Resp: 152837
Ion Ratio Lower Upper
98 100
100 65.8 57.0 85.6

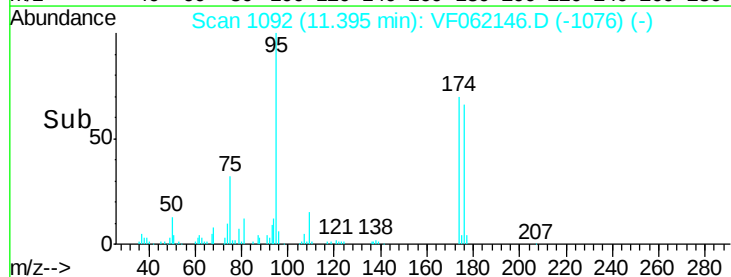
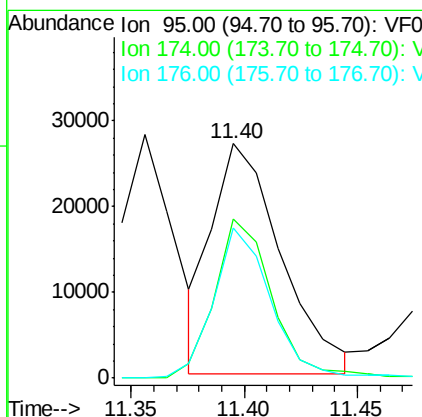
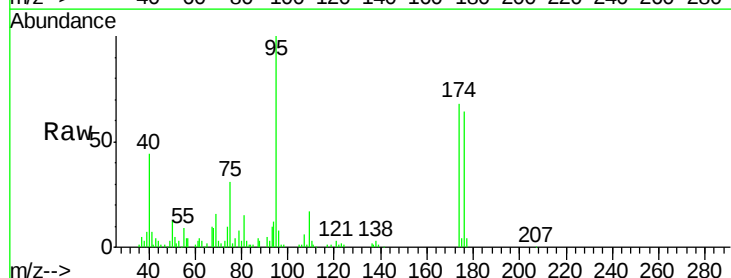
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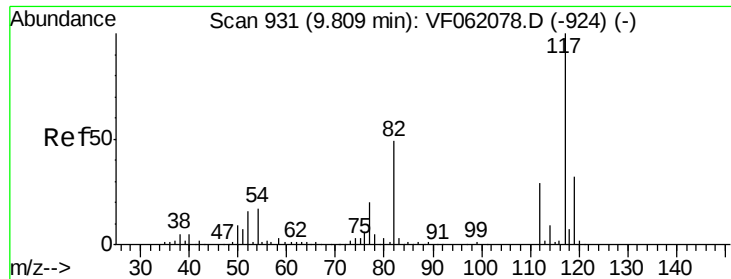
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#62
4-Bromofluorobenzene
Concen: 29.732 ug/l m
RT: 11.40 min Scan# 1092
Delta R.T. -0.04 min
Lab File: VF062146.D
Acq: 26 Mar 2019 15:20

Tgt Ion: 95 Resp: 57381
Ion Ratio Lower Upper
95 100
174 67.7 0.0 168.2
176 63.9 0.0 164.2





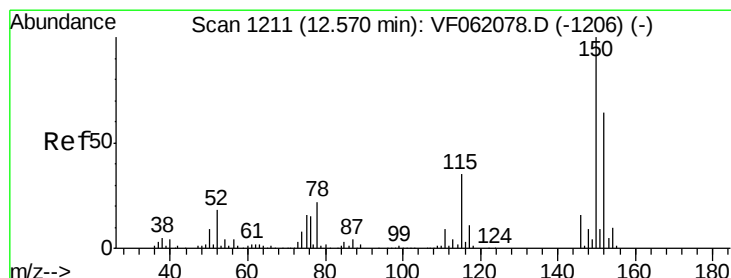
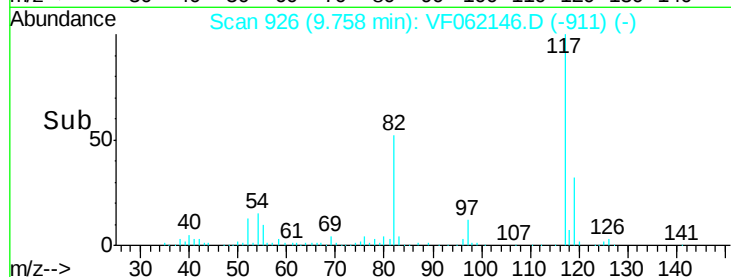
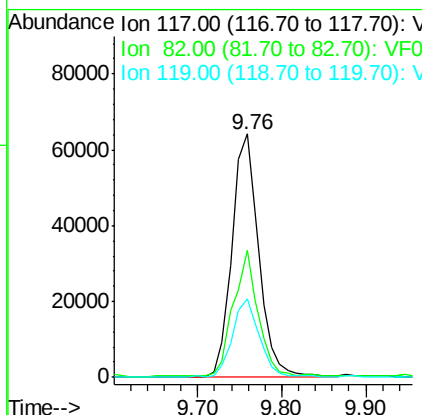
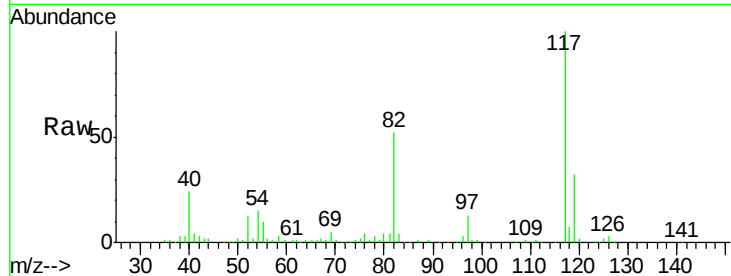
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.05 min
Lab File: VF062146.D
Acq: 26 Mar 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
SB-24(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	143132		
82	52.3	39.2	58.8	
119	32.1	25.4	38.2	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.03 min
Lab File: VF062146.D
Acq: 26 Mar 2019 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	41090		
115	49.1	27.7	83.1	
150	149.3	0.0	313.2	

