

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061814.D
 Acq On : 1 Mar 2019 20:45
 Operator : VA/AP
 Sample : K1675-27
 Misc : 5.13g/5mL/MSVOA-F/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-3-12-B

Manual Integrations
 APPROVED

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 3/4/2019 4:02:04 PM

Quant Time: Mar 02 03:36:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 03:27:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	289794	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.59	114	465314	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.76	117	386855	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	212861	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	108375	51.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	4.10	113	158767	45.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	91.90%	
50) Toluene-d8	7.54	98	391867	39.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.90%	
62) 4-Bromofluorobenzene	11.40	95	171568	42.69	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.38%	
Target Compounds						
16) Acetone	2.24	43	21048	46.163	ug/l	98
20) Methylene Chloride	2.25	84	36848m	13.228	ug/l	

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

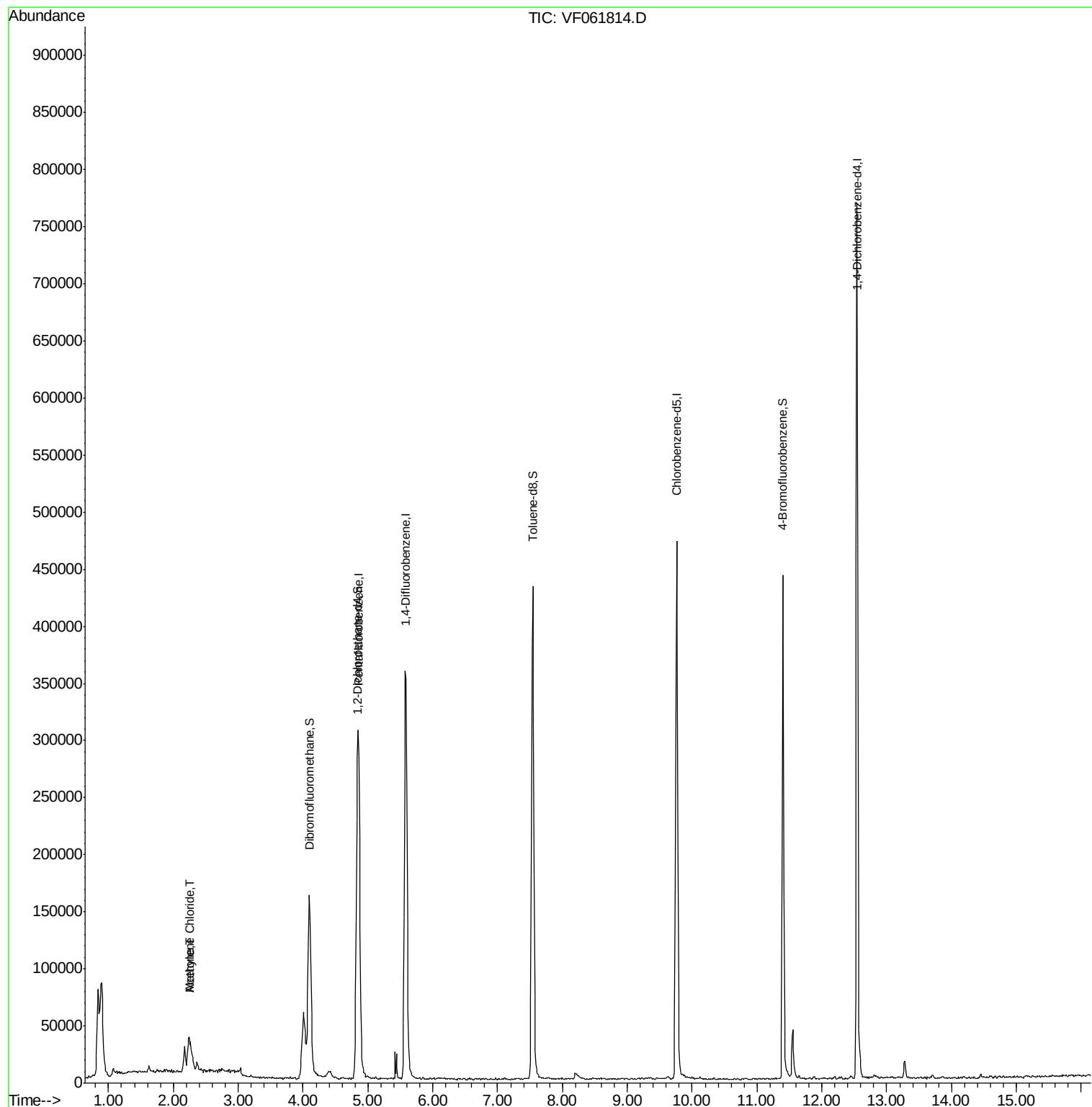
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030119\
Data File : VF061814.D
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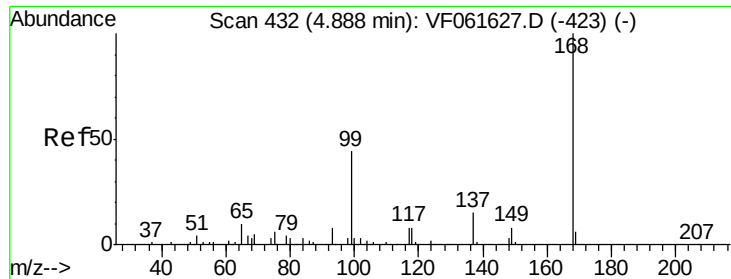
Instrument :
MSVOA_F
ClientSampleId :
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3/4/2019 4:02:04 PM

Quant Time: Mar 02 03:36:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061814.D

Acq: 1 Mar 2019 20:45

Instrument :

MSVOA_F

ClientSampleId :

Z-3-12-B

Tot Ion:168 Resp: 289794

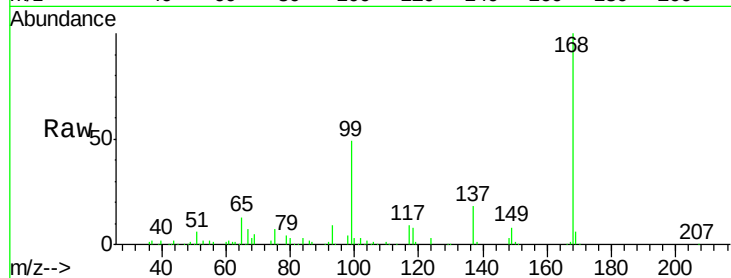
Ion Ratio Lower Upper

168 100

99 49.2 34.9 52.3

Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

100000

80000

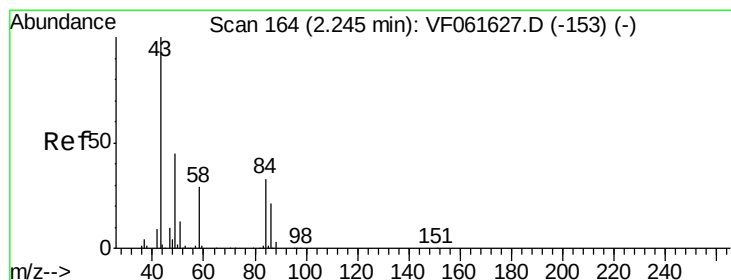
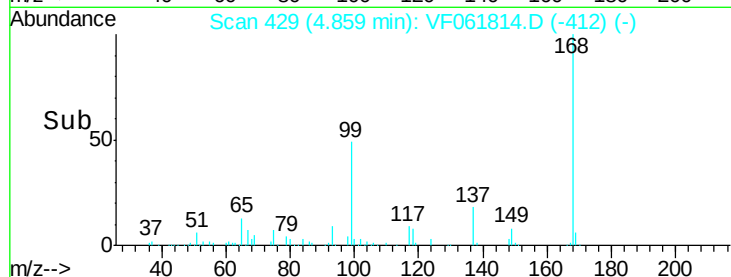
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 46.163 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061814.D

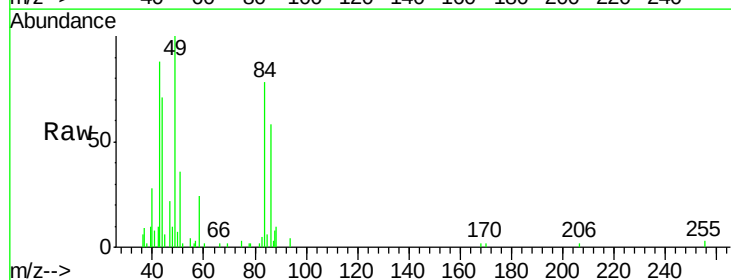
Acq: 1 Mar 2019 20:45

Tgt Ion: 43 Resp: 21048

Ion Ratio Lower Upper

43 100

58 27.4 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.24

6000

5000

4000

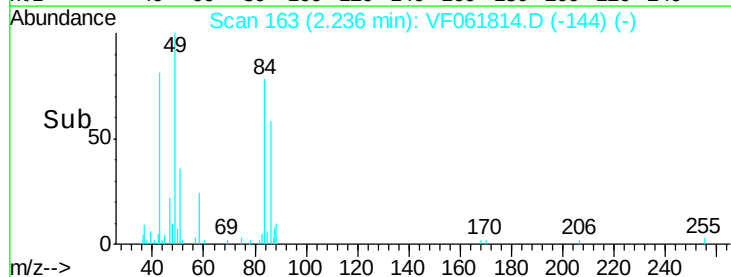
3000

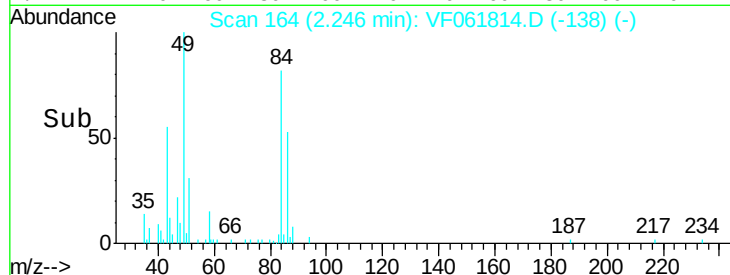
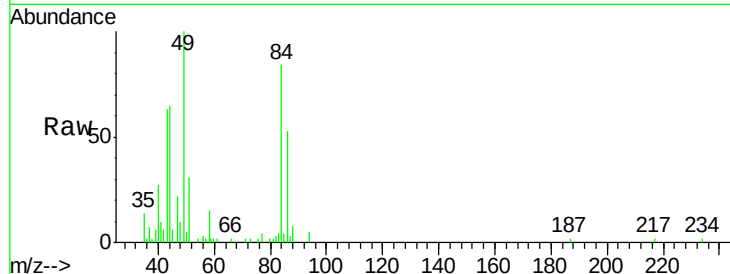
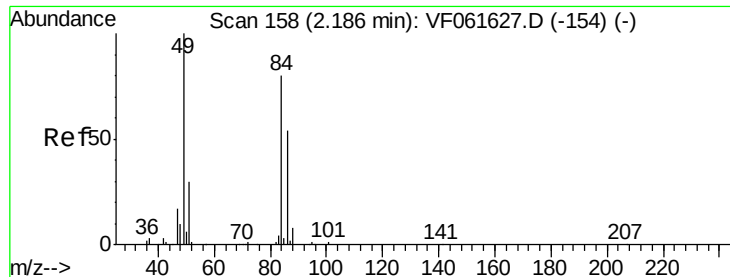
2000

1000

0

Time-->





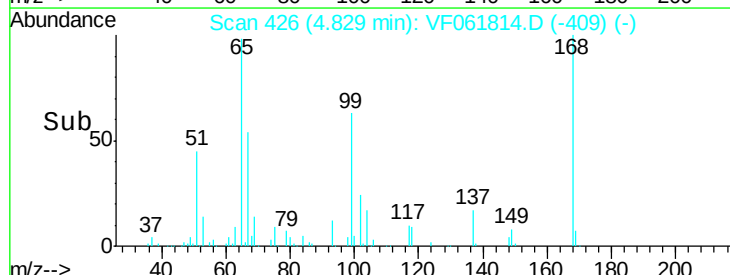
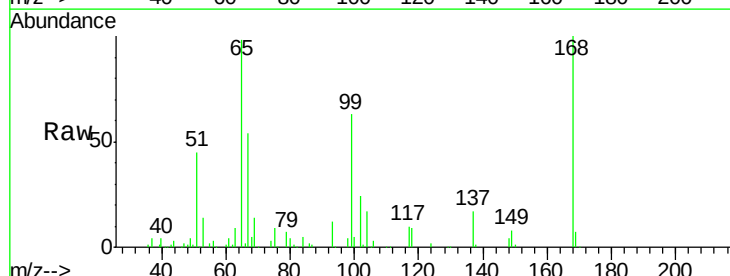
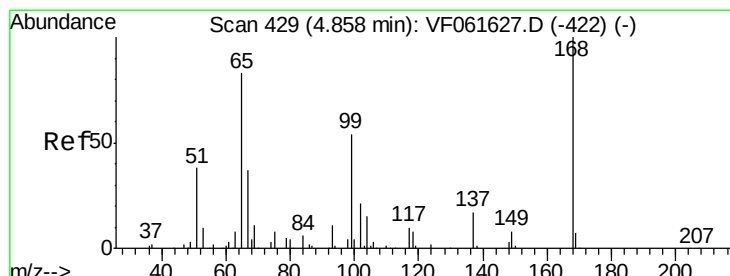
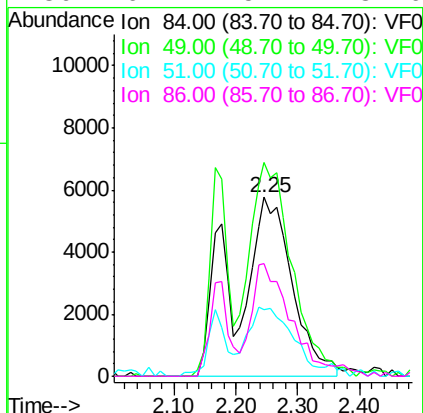
#20
Methylene Chloride
Concen: 13.228 ug/l m
RT: 2.25 min Scan# 164
Delta R.T. 0.06 min
Lab File: VF061814.D
Acq: 1 Mar 2019 20:45

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	119.2	101.8	152.8	
51	37.2	31.1	46.7	
86	62.7	54.4	81.6	

Instrument :
MSVOA_F
ClientSampleId :
Z-3-12-B

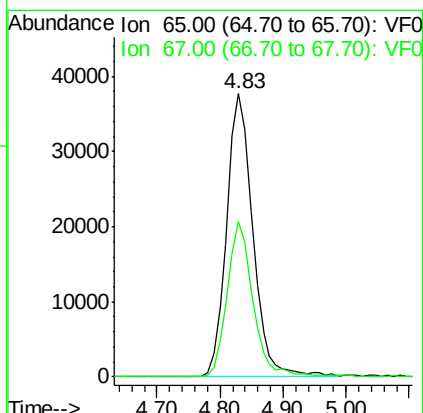
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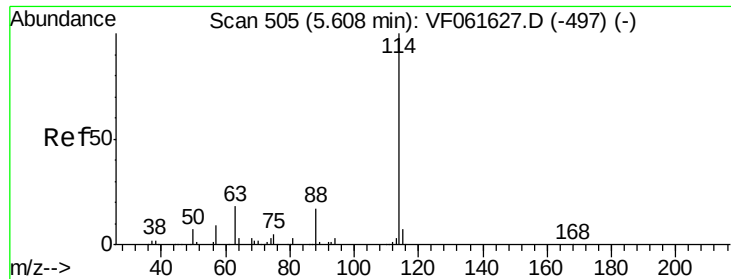
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#33
1,2-Dichloroethane-d4
Concen: 50.998 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061814.D
Acq: 1 Mar 2019 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	55.0	0.0	104.0	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.02 min

Lab File: VF061814.D

Acq: 1 Mar 2019 20:45

Instrument :

MSVOA_F

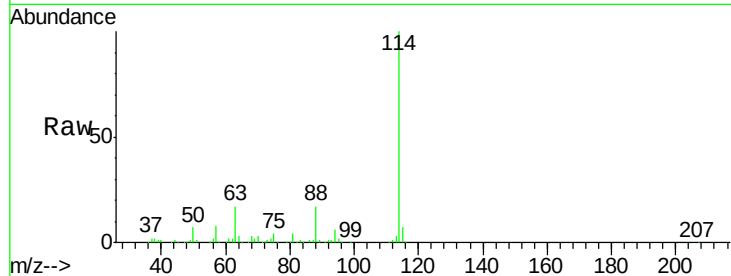
ClientSampleId :

Z-3-12-B

Tot Ion:	114	Resp:	465314
Ion Ratio	Lower	Upper	
114	100		
63	17.3	0.0	36.6
88	16.7	0.0	34.4

Manual Integrations
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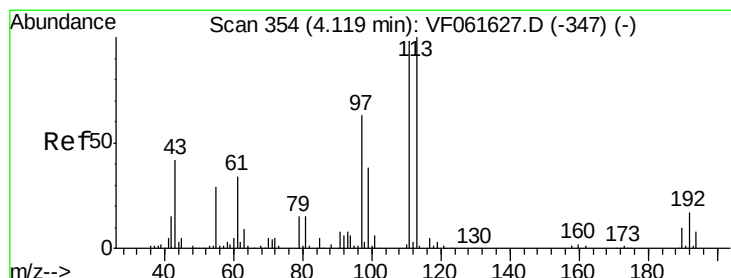
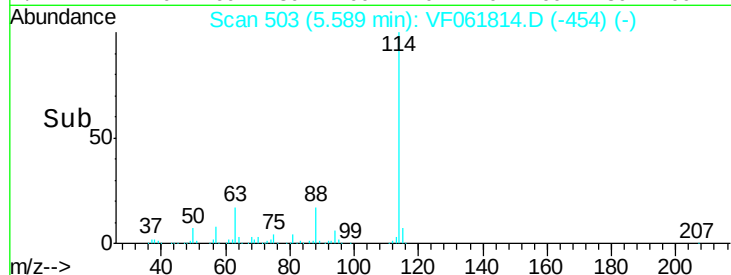
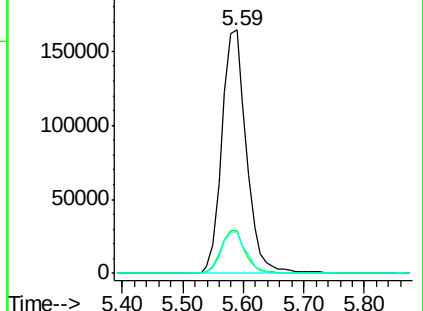
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 45.947 ug/l

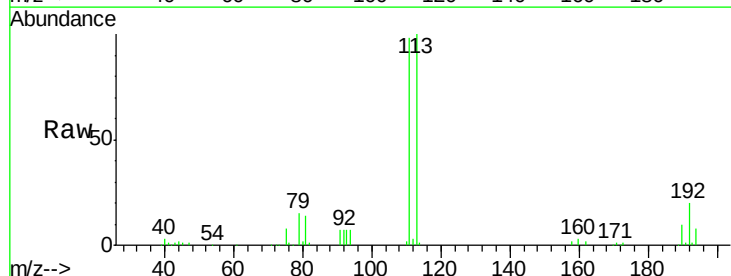
RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061814.D

Acq: 1 Mar 2019 20:45

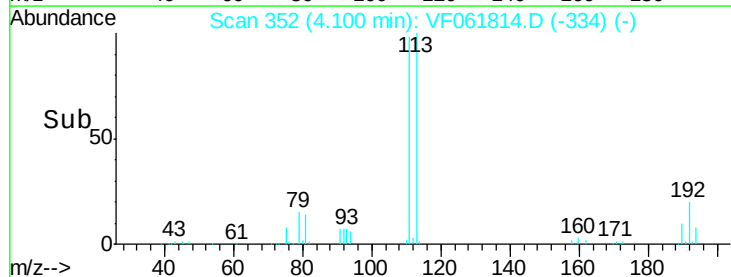
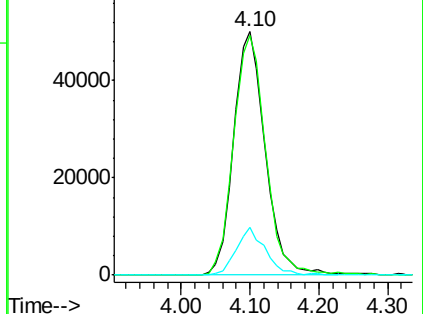
Tgt Ion:	113	Resp:	158767
Ion Ratio	Lower	Upper	
113	100		
111	98.5	78.8	118.2
192	20.1	13.4	20.0#

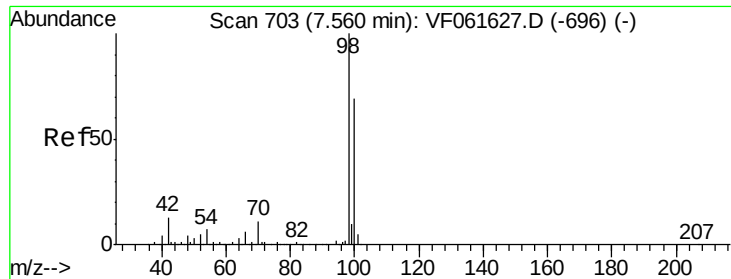


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





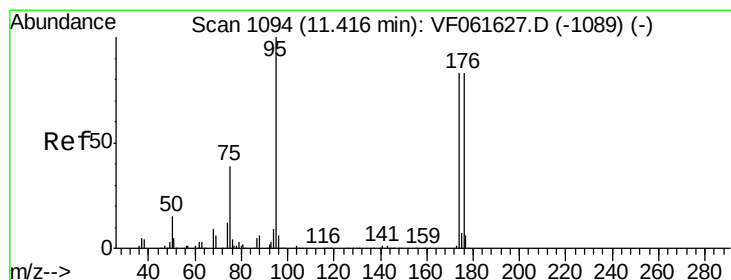
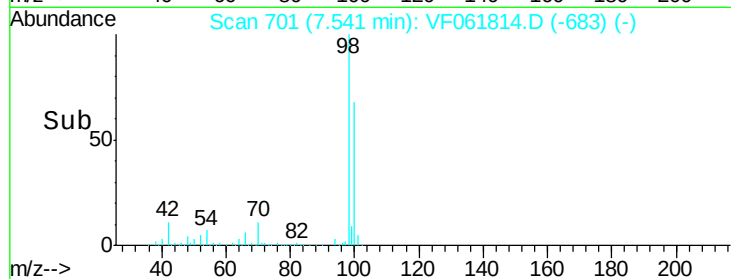
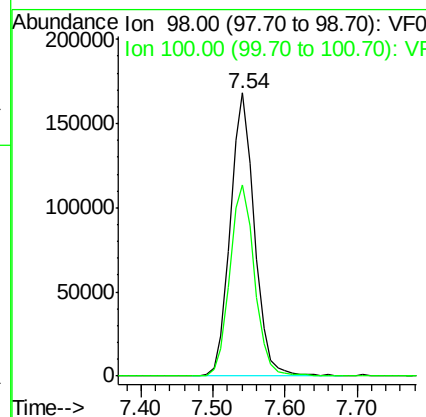
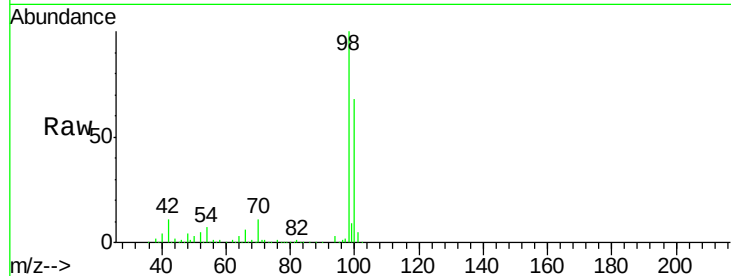
#50
Toluene-d8
Concen: 39.449 ug/l
RT: 7.54 min Scan# 701
Delta R.T. -0.02 min
Lab File: VF061814.D
Acq: 1 Mar 2019 20:45

Instrument :
MSVOA_F
ClientSampleId :
Z-3-12-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		391867		
100	67.6	55.4	83.2		

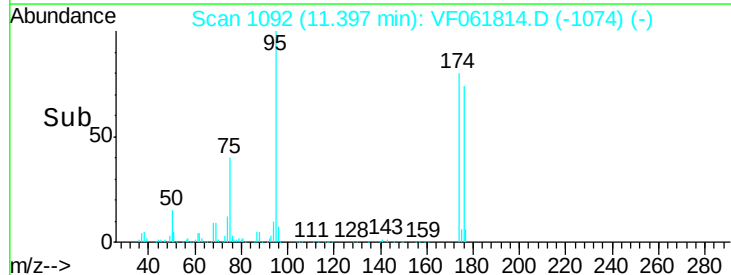
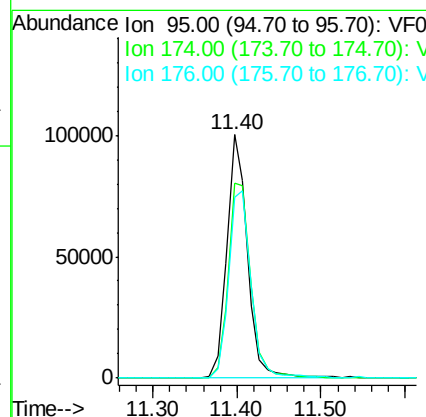
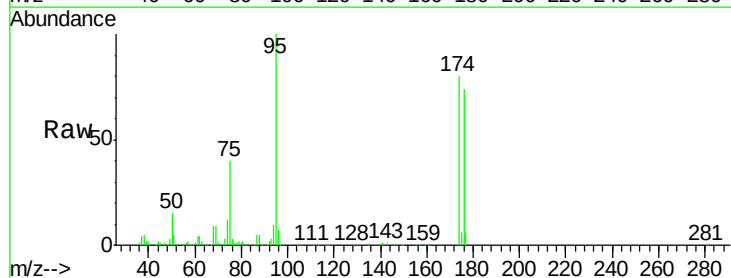
Manual Integrations
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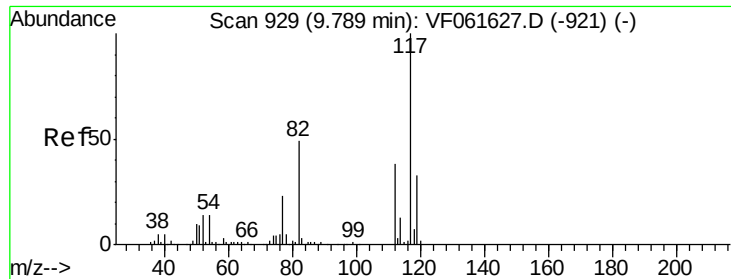
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#62
4-Bromofluorobenzene
Concen: 42.687 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.02 min
Lab File: VF061814.D
Acq: 1 Mar 2019 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	100		171568		
174	80.3	0.0	165.8		
176	74.1	0.0	167.0		





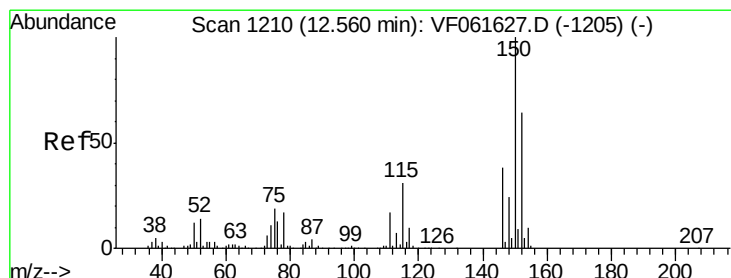
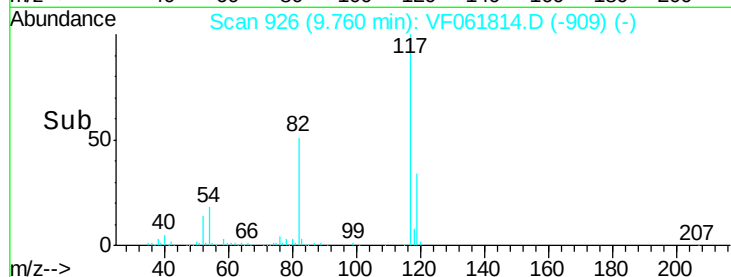
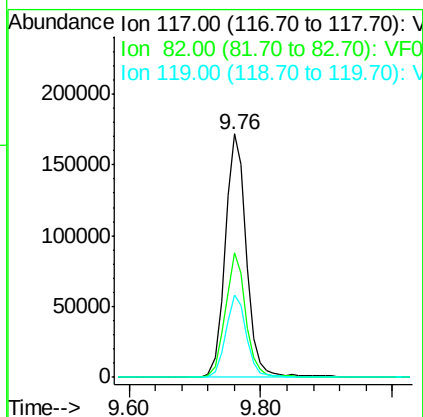
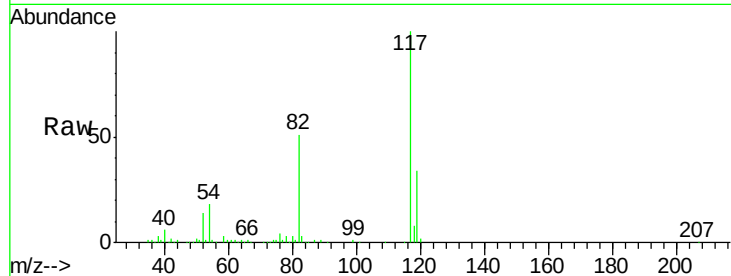
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061814.D
Acq: 1 Mar 2019 20:45

Instrument :
MSVOA_F
ClientSampleId :
Z-3-12-B

Tot Ion	Ratio	Resp	Lower	Upper
117	100	386855		
82	51.0		39.3	58.9
119	33.8		26.6	40.0

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. -0.02 min
Lab File: VF061814.D
Acq: 1 Mar 2019 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	212861		
115	52.6		24.3	72.8
150	156.7		0.0	312.0

