

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061808.D
 Acq On : 1 Mar 2019 17:51
 Operator : VA/AP
 Sample : K1675-09
 Misc : 4.71g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-3-1-A

Manual Integrations
 APPROVED

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Quant Time: Mar 02 03:19:18 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	4.85	168	314779	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.58	114	478854	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	387091	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	207005	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	96171	41.66	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	83.32%	
35) Dibromofluoromethane	4.10	113	148087	41.64	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.28%	
50) Toluene-d8	7.53	98	358051	35.03	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	70.06%	
62) 4-Bromofluorobenzene	11.40	95	155936	37.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.40%	
Target Compounds						
16) Acetone	2.23	43	13422	27.101	ug/l #	86
20) Methylene Chloride	2.26	84	34864m	11.180	ug/l	

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

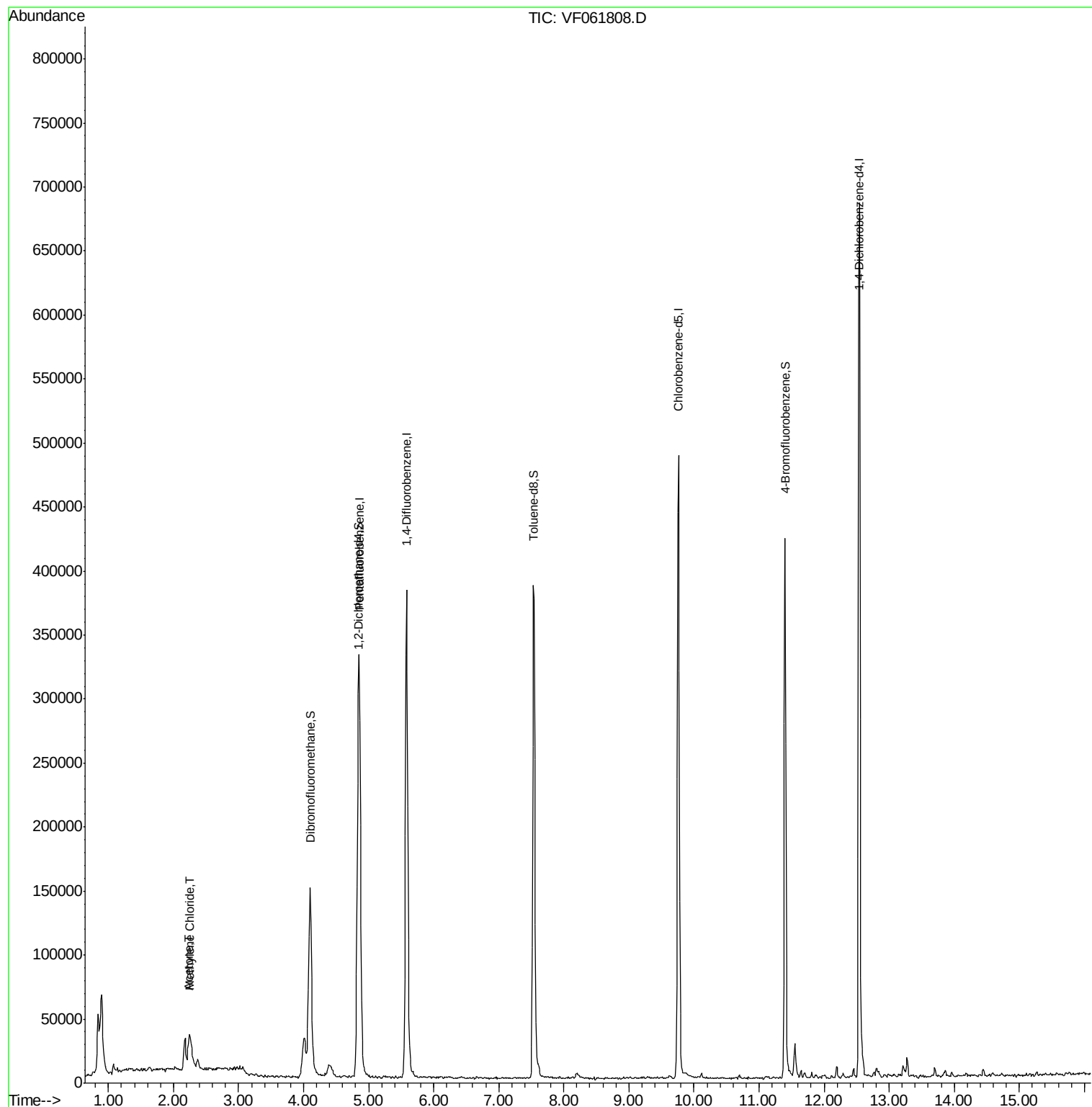
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030119\
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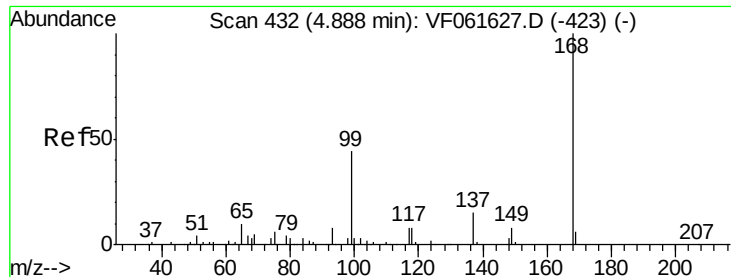
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061808.D

Acq: 1 Mar 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

Z-3-1-A

Tot Ion:168 Resp: 314779

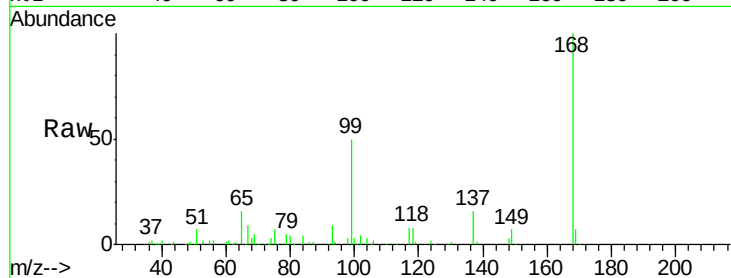
Ion Ratio Lower Upper

168 100

99 50.3 34.9 52.3

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

100000

80000

60000

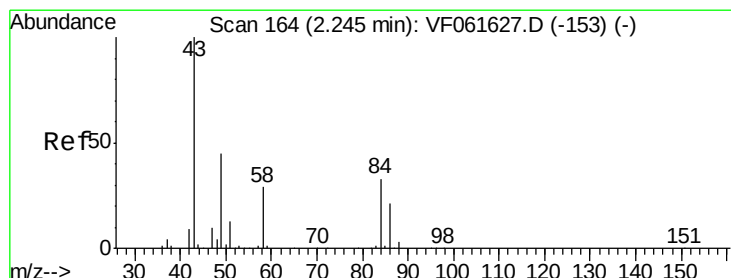
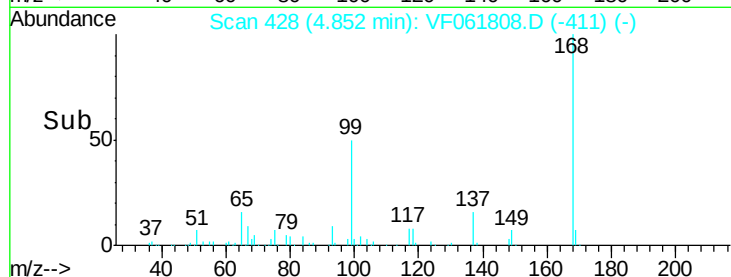
40000

20000

0

4.80 5.00

Time-->



#16

Acetone

Concen: 27.101 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061808.D

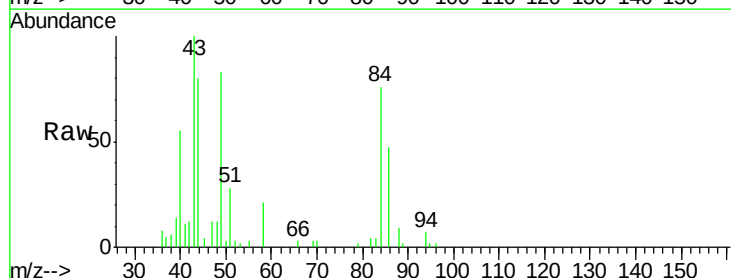
Acq: 1 Mar 2019 17:51

Tgt Ion: 43 Resp: 13422

Ion Ratio Lower Upper

43 100

58 21.2 22.9 34.3#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

2.23

5000

4000

3000

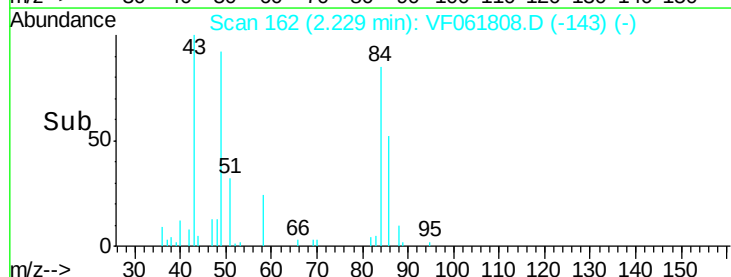
2000

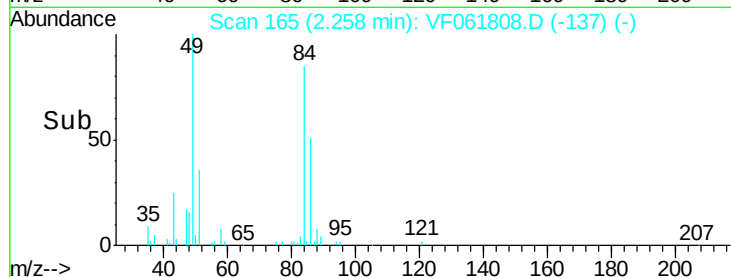
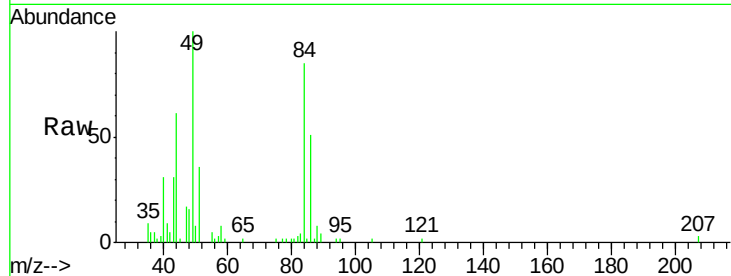
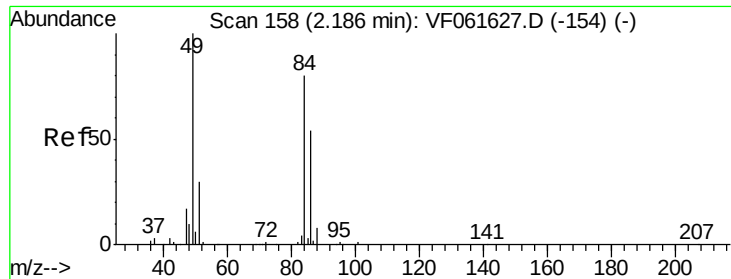
1000

0

2.15 2.20 2.25 2.30 2.35

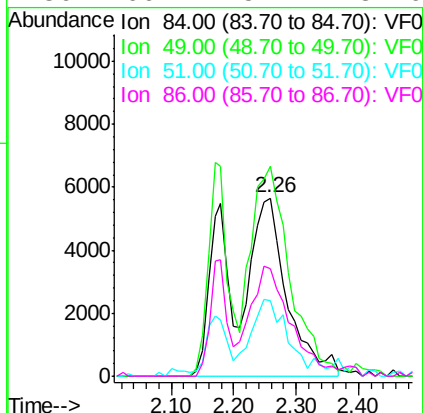
Time-->





#20
Methylene Chloride
Concen: 11.180 ug/l m
RT: 2.26 min Scan# 165
Delta R.T. 0.07 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

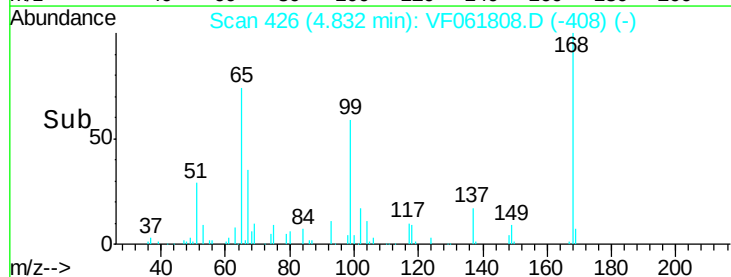
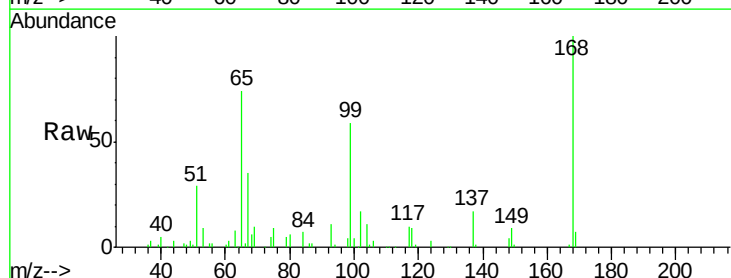
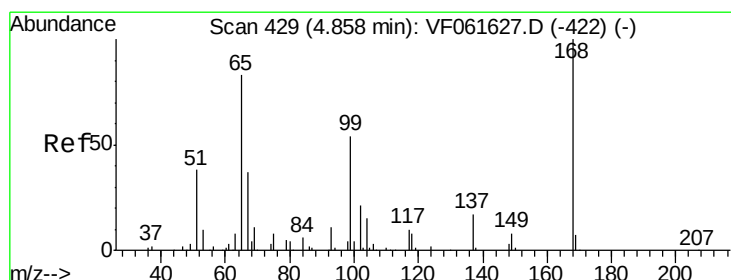
Tot Ion	Ratio	Lower	Upper
84	100		
49	117.8	101.8	152.8
51	42.3	31.1	46.7
86	60.2	54.4	81.6



Instrument :
MSVOA_F
ClientSampleId :
Z-3-1-A

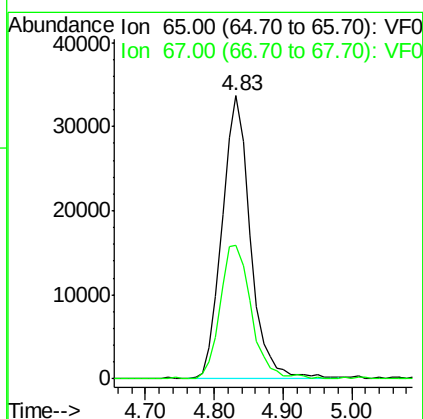
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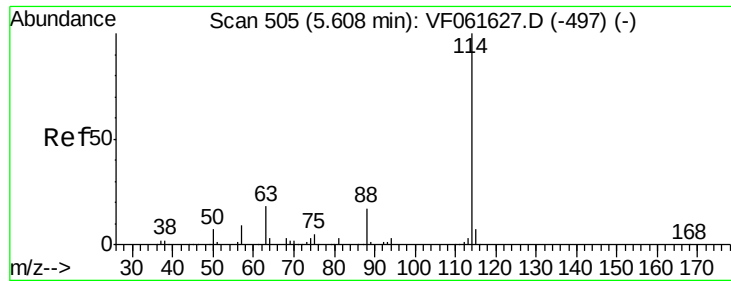
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#33
1,2-Dichloroethane-d4
Concen: 41.663 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Tgt Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.03 min

Lab File: VF061808.D

Acq: 1 Mar 2019 17:51

Instrument :

MSVOA_F

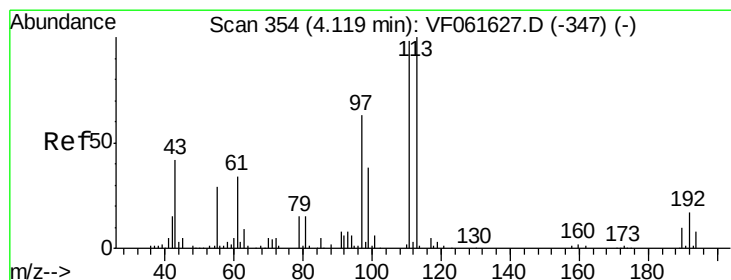
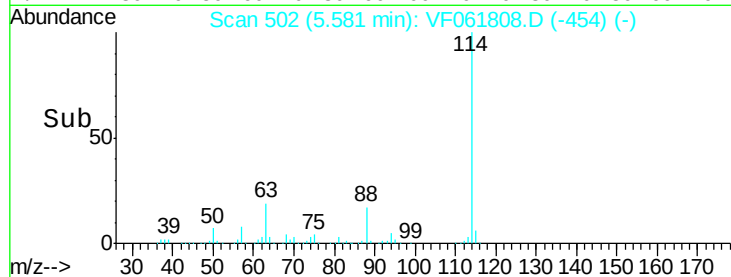
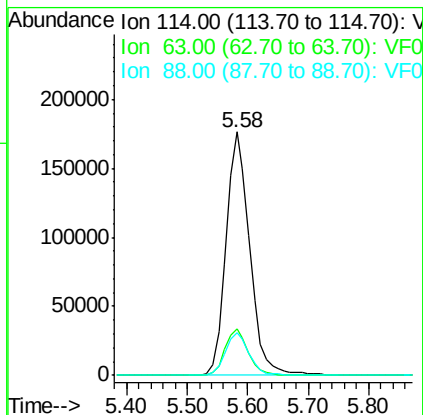
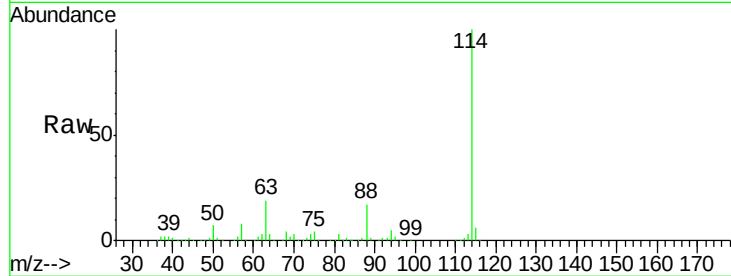
ClientSampleId :

Z-3-1-A

Tot Ion:	114	Resp:	478854
Ion Ratio		Lower	Upper
114	100		
63	19.1	0.0	36.6
88	17.3	0.0	34.4

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#35

Dibromofluoromethane

Concen: 41.644 ug/l

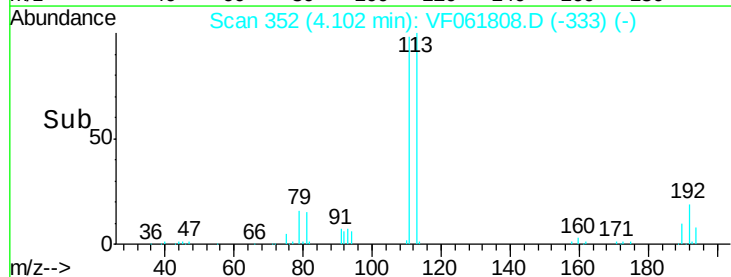
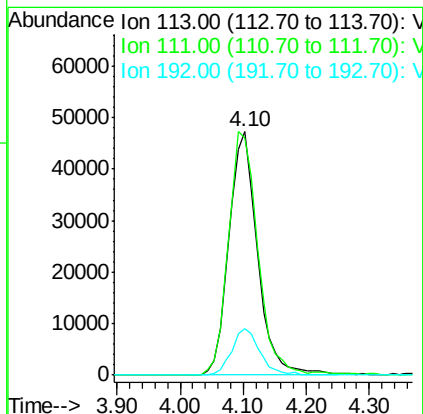
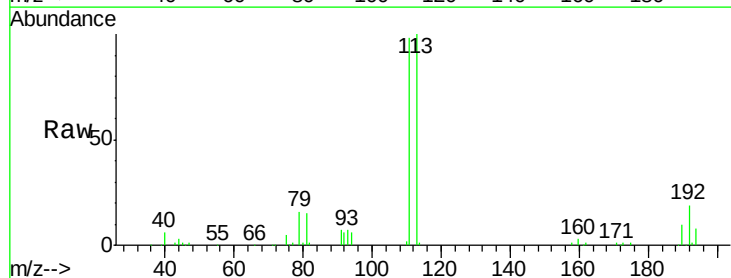
RT: 4.10 min Scan# 352

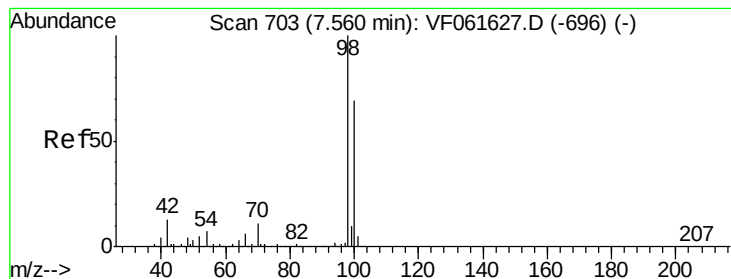
Delta R.T. -0.02 min

Lab File: VF061808.D

Acq: 1 Mar 2019 17:51

Tgt Ion:	113	Resp:	148087
Ion Ratio		Lower	Upper
113	100		
111	97.5	78.8	118.2
192	19.7	13.4	20.0





#50

Toluene-d8

Concen: 35.026 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.03 min

Lab File: VF061808.D

Acq: 1 Mar 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

Z-3-1-A

Tot Ion: 98 Resp: 358051

Ion Ratio Lower Upper

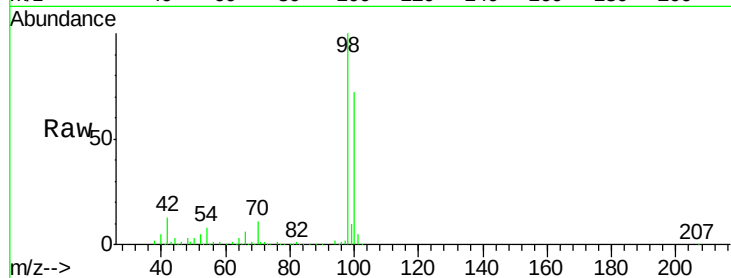
98 100

100 71.8 55.4 83.2

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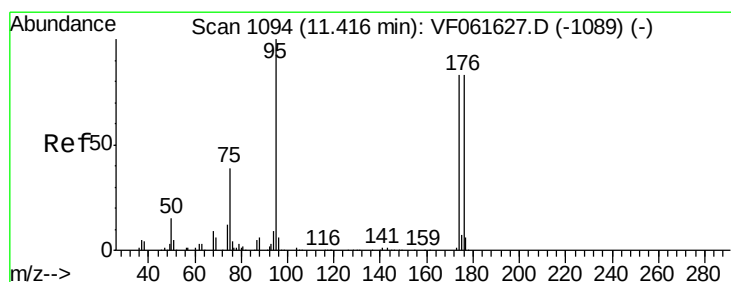
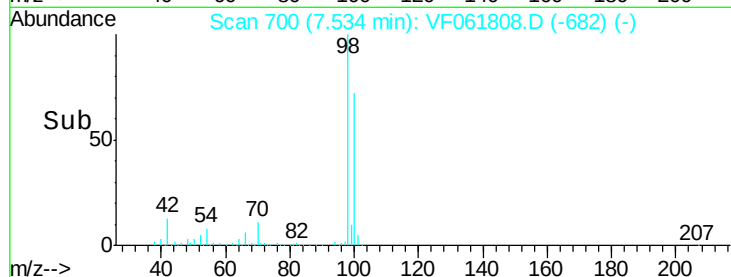
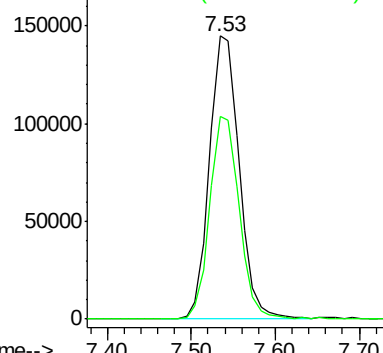
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Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 37.700 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061808.D

Acq: 1 Mar 2019 17:51

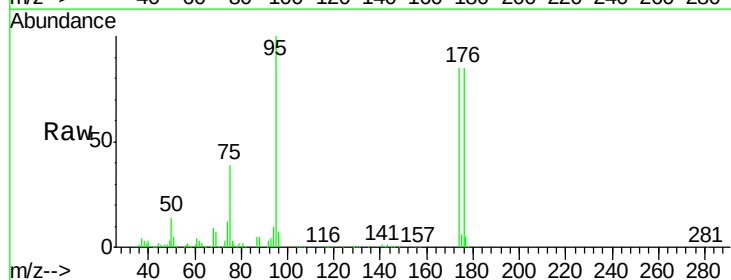
Tgt Ion: 95 Resp: 155936

Ion Ratio Lower Upper

95 100

174 84.5 0.0 165.8

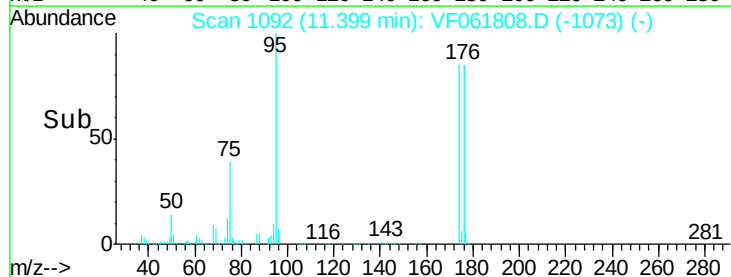
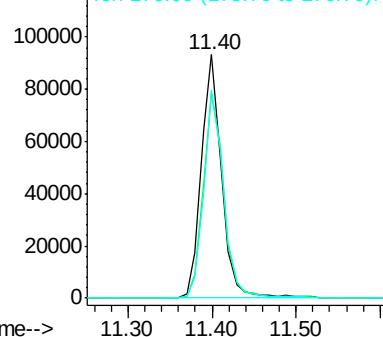
176 85.3 0.0 167.0

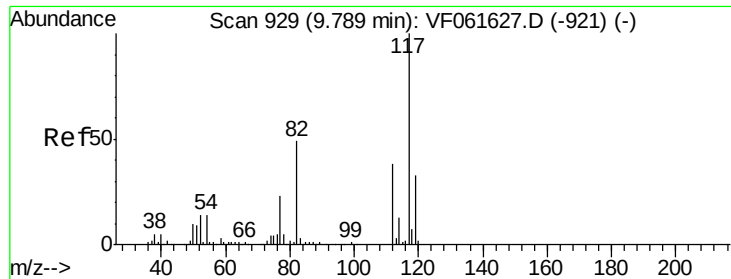


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





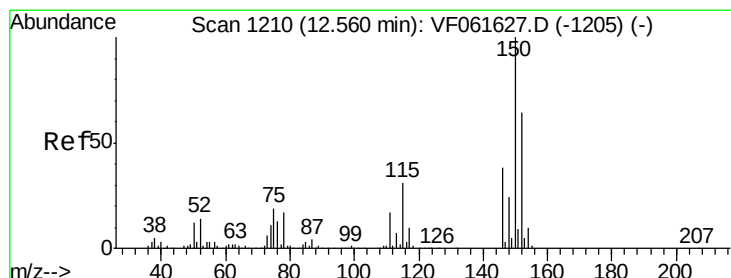
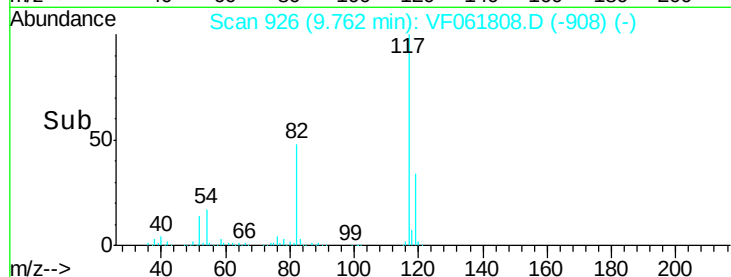
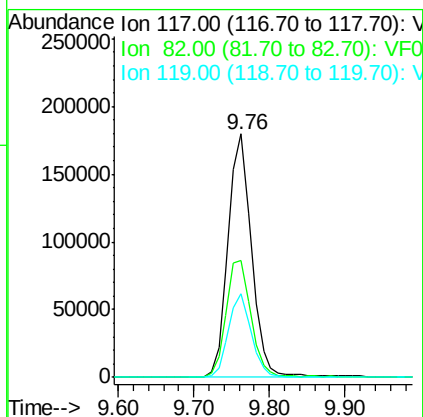
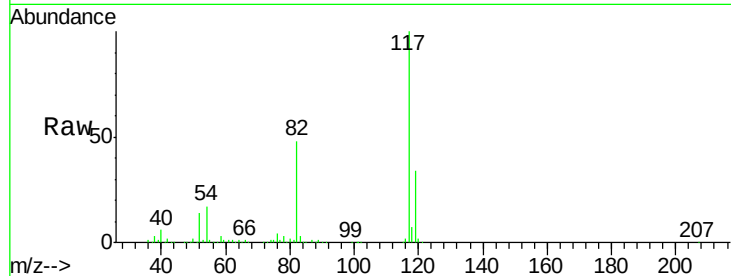
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061808.D
Acq: 1 Mar 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
Z-3-1-A

Tot Ion	Ratio	Resp	Lower	Upper
117	100	387091		
82	48.0		39.3	58.9
119	34.3		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: VF061808.D
Acq: 1 Mar 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	207005		
115	51.0		24.3	72.8
150	153.3		0.0	312.0

