

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061811.D
 Acq On : 1 Mar 2019 19:17
 Operator : VA/AP
 Sample : K1675-15
 Misc : 4.95g/5mL/MSVOA-F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 Z-3-2-B

Manual Integrations
 APPROVED

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 3/4/2019 4:01:28 PM

Quant Time: Mar 02 03:25:13 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	300922	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	477454	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.76	117	399800	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	208151	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	104523	47.37	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	94.74%	
35) Dibromofluoromethane	4.10	113	163139	46.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	92.02%	
50) Toluene-d8	7.54	98	410662	40.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	80.58%	
62) 4-Bromofluorobenzene	11.40	95	173602	42.09	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	84.18%	
Target Compounds						
16) Acetone	2.24	43	13410	28.323	ug/l	Qvalue 100
20) Methylene Chloride	2.24	84	36105m	12.332	ug/l	

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

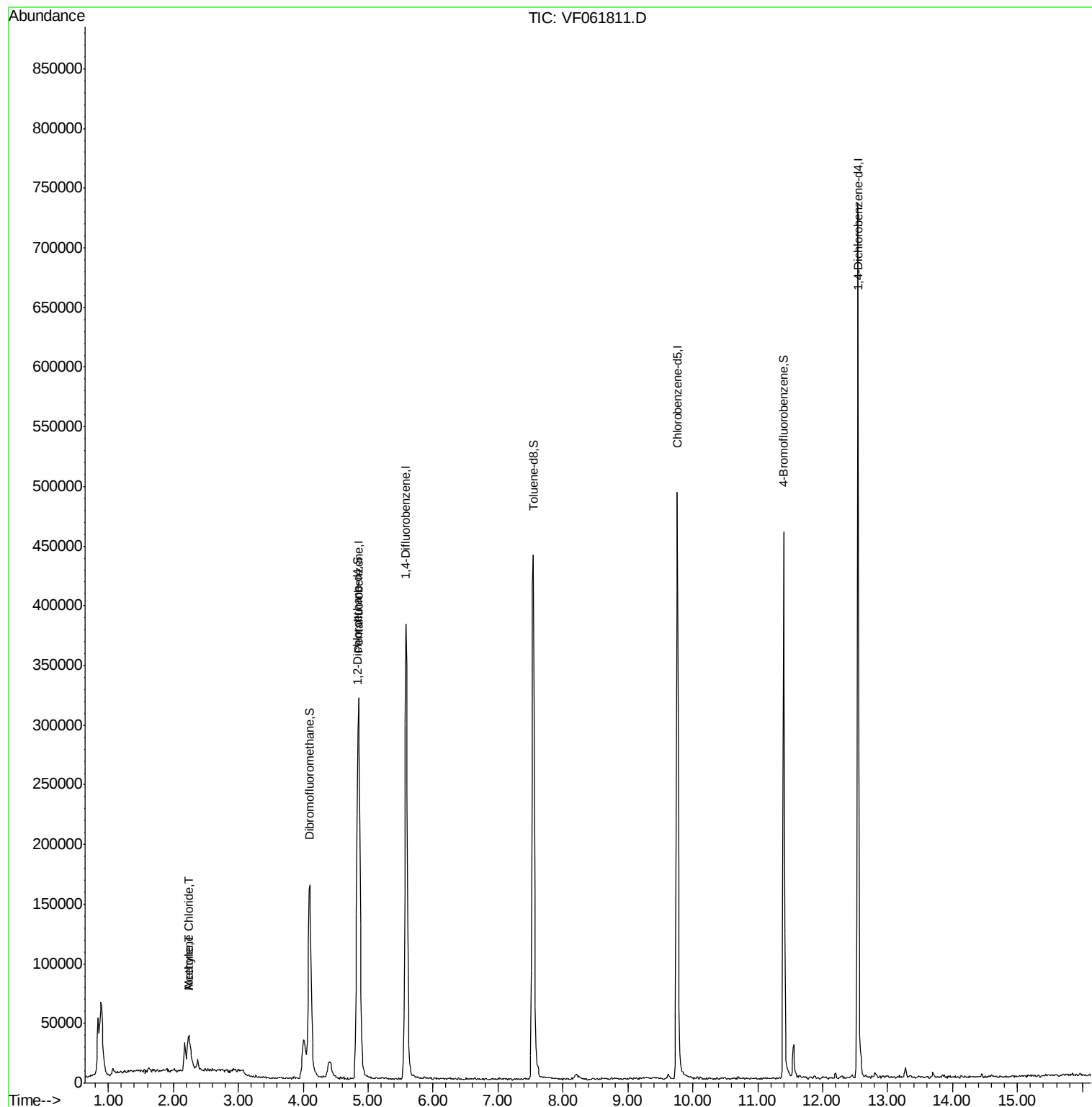
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030119\
Data File : VF061811.D
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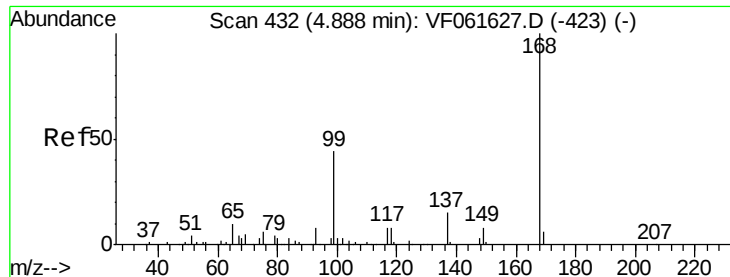
Instrument :
MSVOA_F
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.03 min

Lab File: VF061811.D

Acq: 1 Mar 2019 19:17

Instrument :

MSVOA_F

ClientSampleId :

Z-3-2-B

Tot Ion:168 Resp: 300922

Ion Ratio Lower Upper

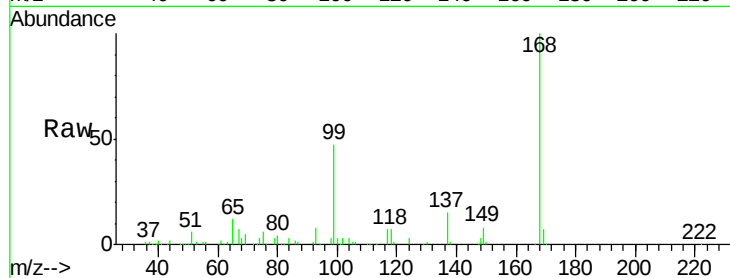
168 100

99 47.1 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

4.86

100000

80000

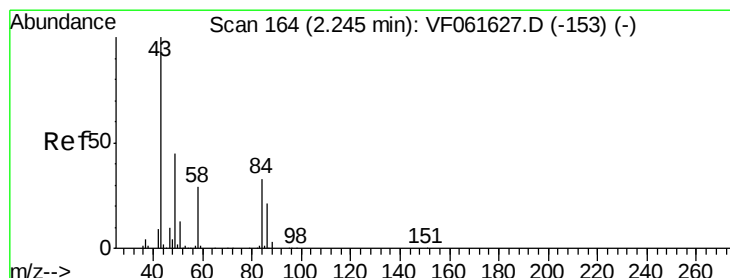
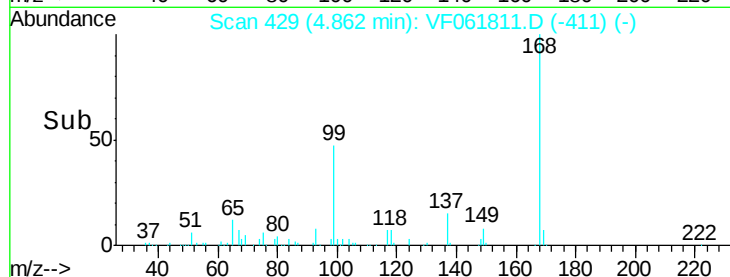
60000

40000

20000

0

Time--> 4.70 4.80 4.90 5.00



#16

Acetone

Concen: 28.323 ug/l

RT: 2.24 min Scan# 163

Delta R.T. -0.01 min

Lab File: VF061811.D

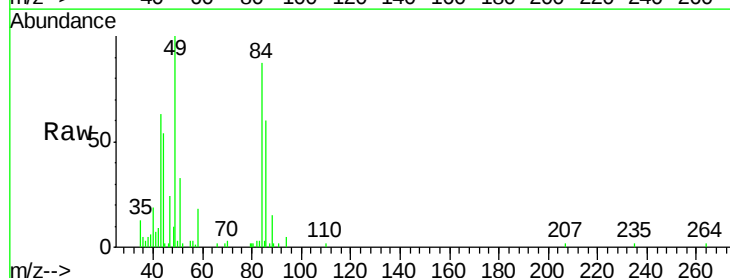
Acq: 1 Mar 2019 19:17

Tgt Ion: 43 Resp: 13410

Ion Ratio Lower Upper

43 100

58 28.5 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

5000

4000

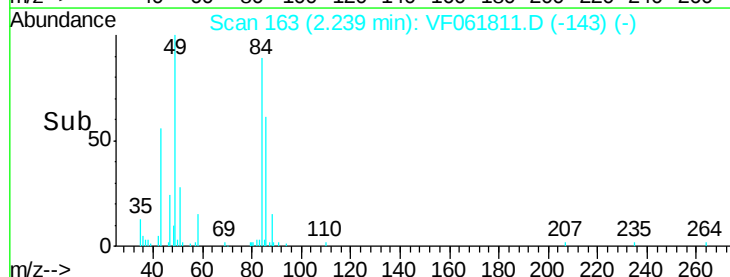
3000

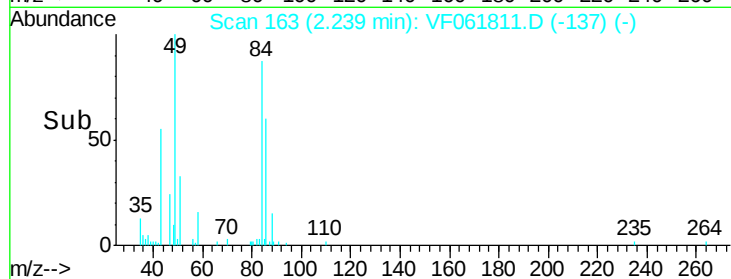
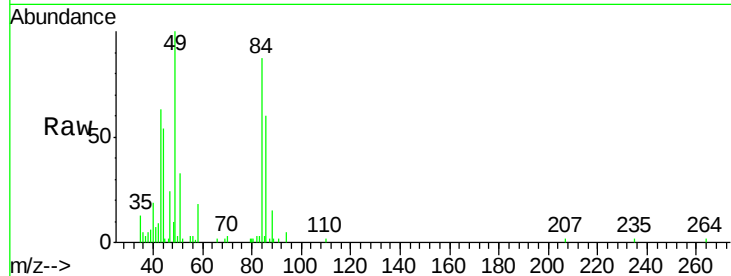
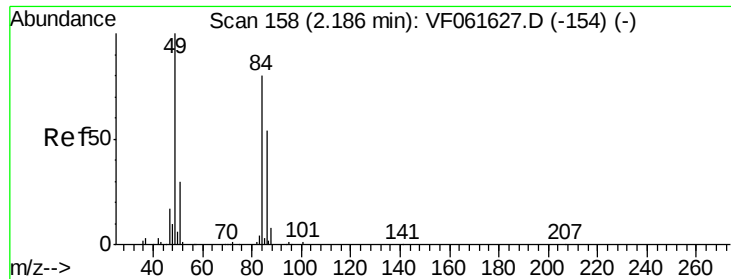
2000

1000

0

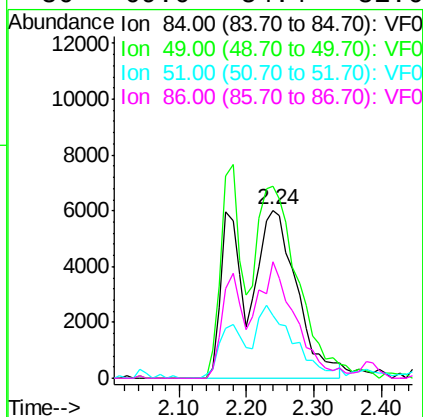
Time--> 2.15 2.20 2.25 2.30 2.35





#20
Methvlene Chloride
Concen: 12.332 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.05 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

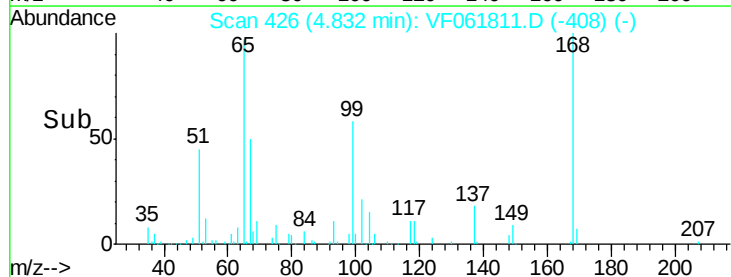
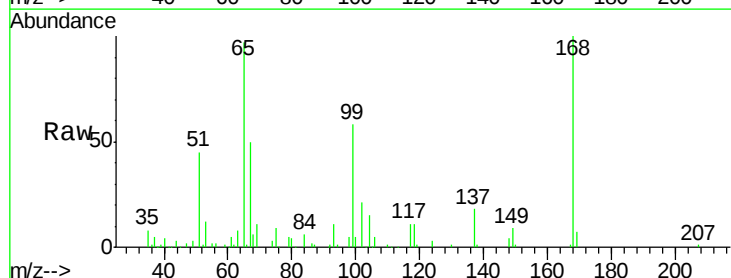
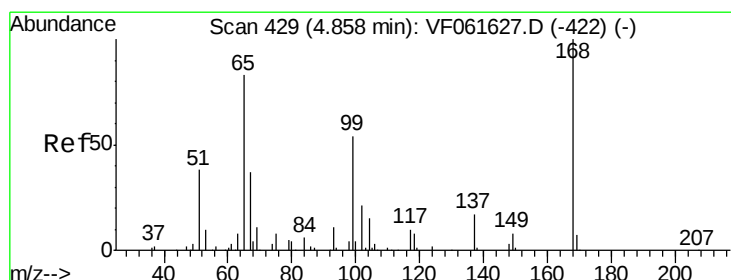
Tot Ion	Ratio	Lower	Upper
84	100		
49	114.4	101.8	152.8
51	37.5	31.1	46.7
86	69.0	54.4	81.6



Instrument :
MSVOA_F
ClientSampleId :
Z-3-2-B

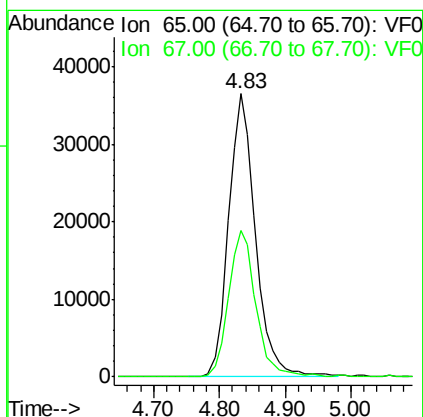
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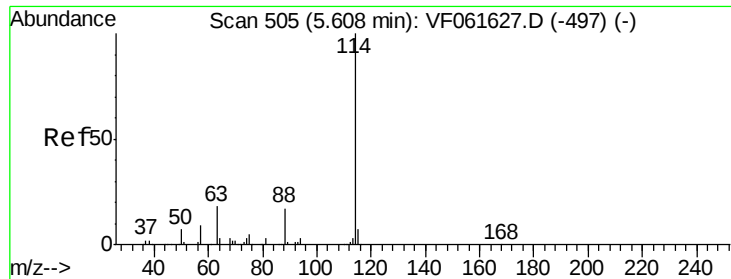
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#33
1,2-Dichloroethane-d4
Concen: 47.366 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.03 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	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: VF061811.D

Acq: 1 Mar 2019 19:17

Instrument :

MSVOA_F

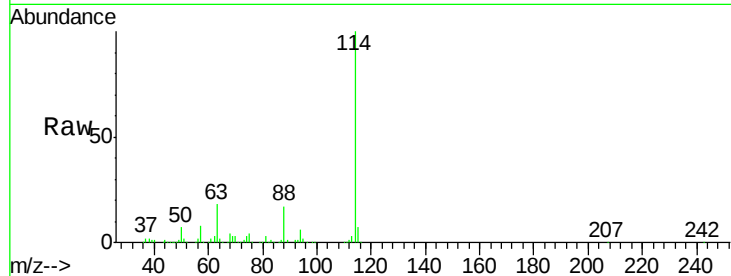
ClientSampleId :

Z-3-2-B

Tot Ion:	114	Resp:	477454
Ion Ratio		Lower	Upper
114	100		
63	17.8	0.0	36.6
88	17.2	0.0	34.4

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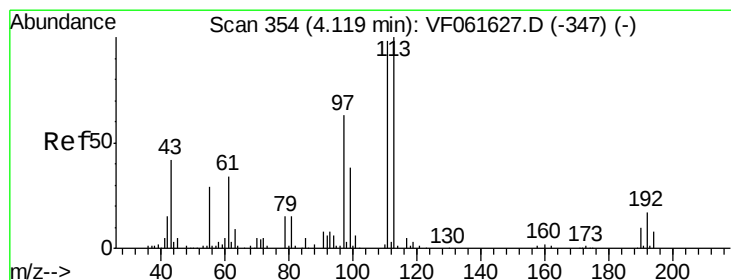
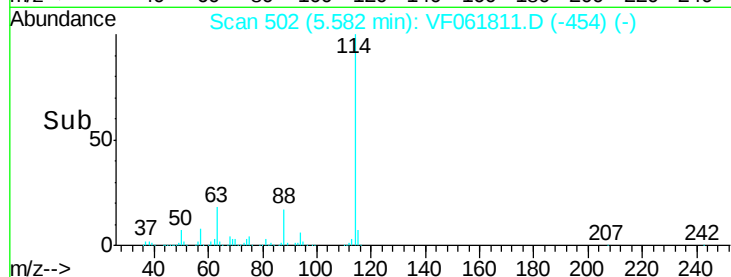
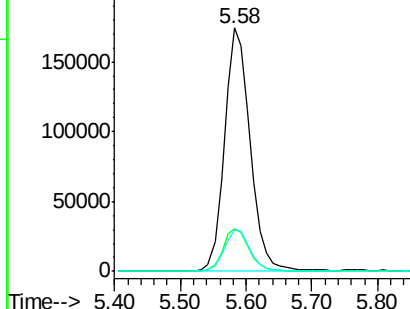
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 46.012 ug/l

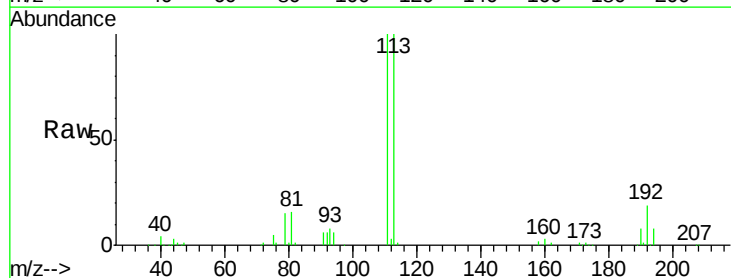
RT: 4.10 min Scan# 352

Delta R.T. -0.02 min

Lab File: VF061811.D

Acq: 1 Mar 2019 19:17

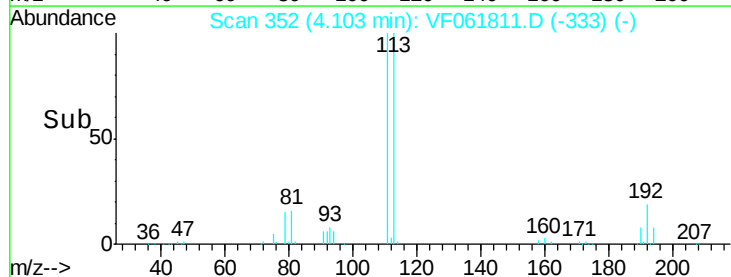
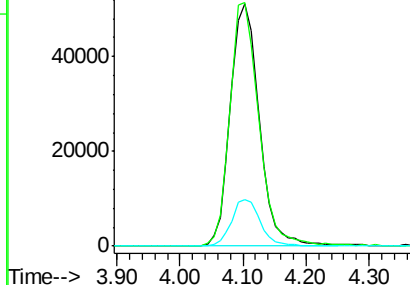
Tgt Ion:	113	Resp:	163139
Ion Ratio		Lower	Upper
113	100		
111	100.2	78.8	118.2
192	19.3	13.4	20.0

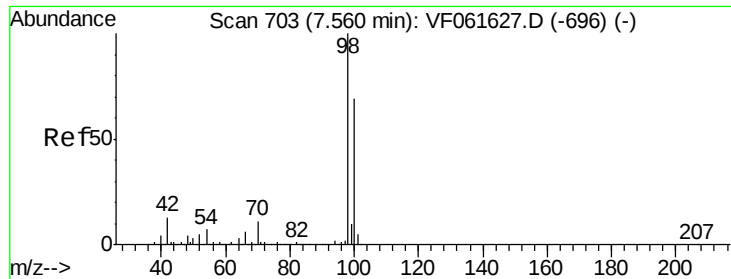


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 40.290 ug/l

RT: 7.54 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF061811.D

Acq: 1 Mar 2019 19:17

Instrument :

MSVOA_F

ClientSampleId :

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Tot Ion: 98 Resp: 410662

Ion Ratio Lower Upper

98 100

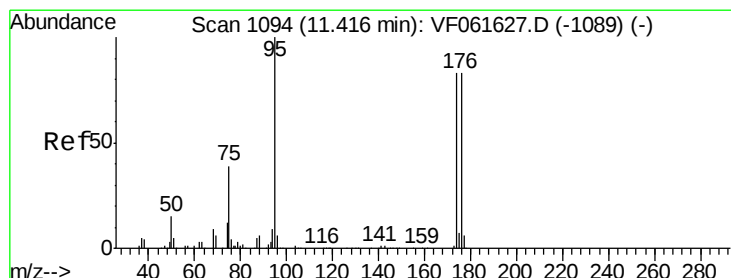
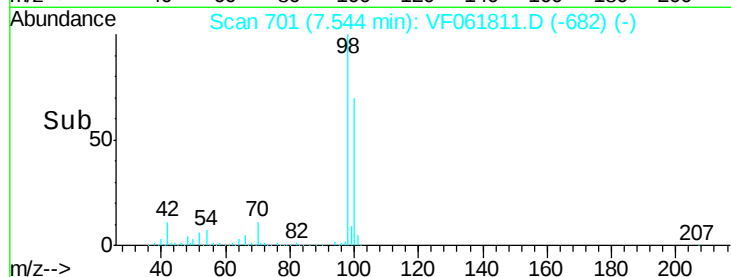
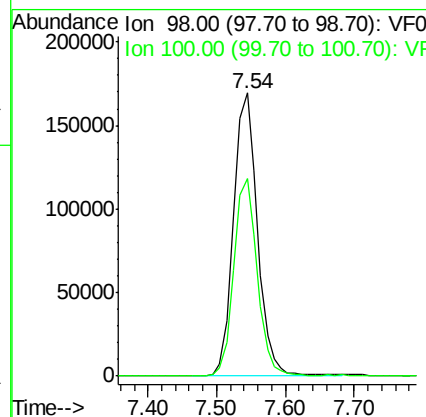
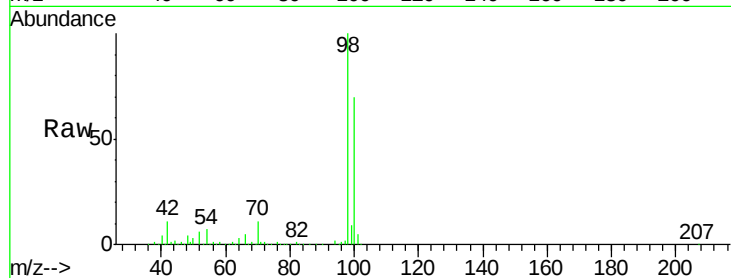
100 70.0 55.4 83.2

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#62

4-Bromofluorobenzene

Concen: 42.094 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061811.D

Acq: 1 Mar 2019 19:17

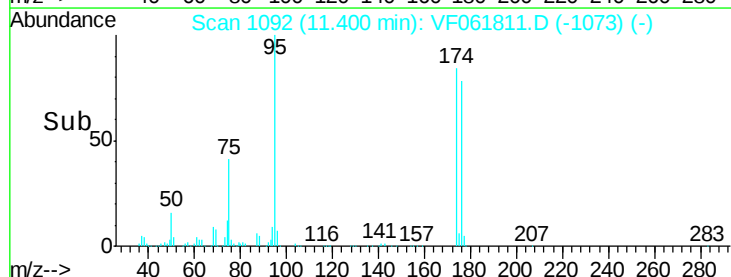
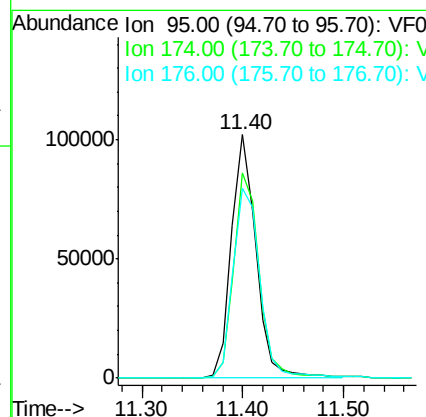
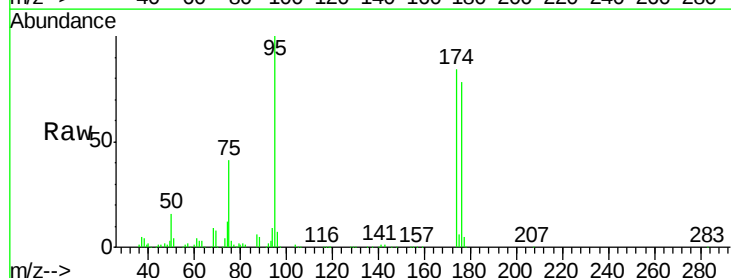
Tgt Ion: 95 Resp: 173602

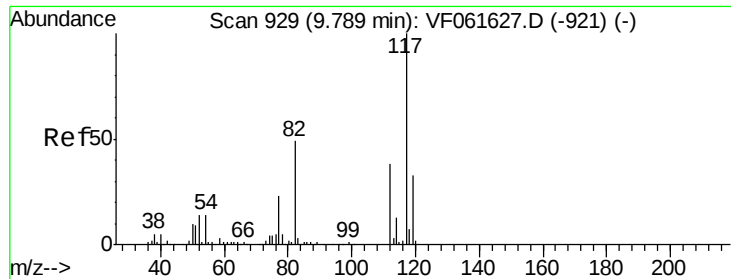
Ion Ratio Lower Upper

95 100

174 84.1 0.0 165.8

176 78.1 0.0 167.0





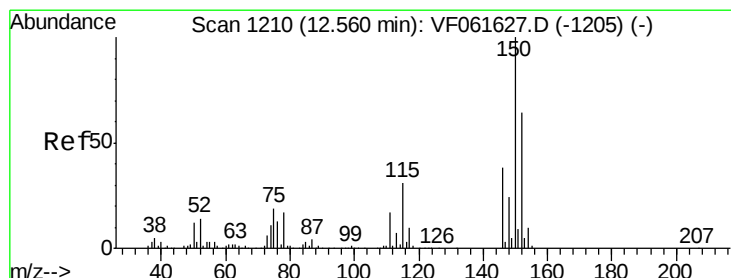
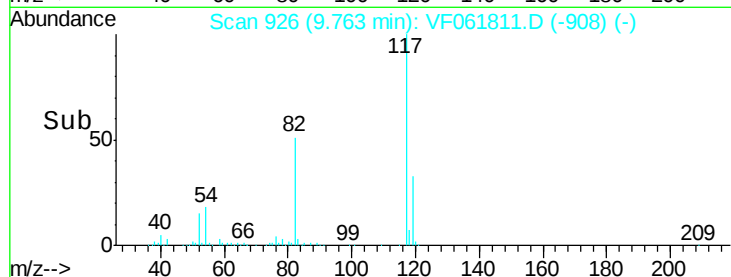
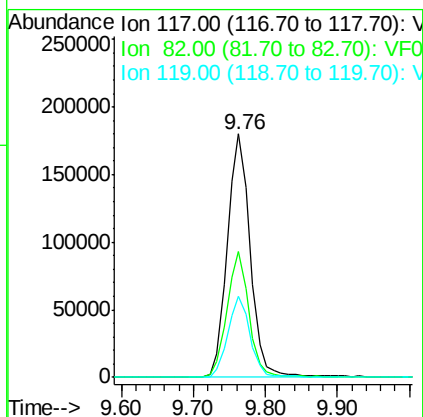
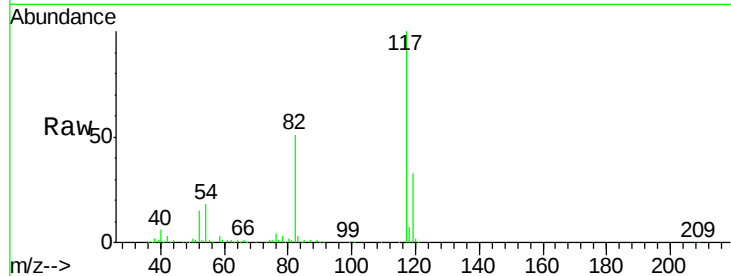
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.76 min Scan# 926
Delta R.T. -0.03 min
Lab File: VF061811.D
Acq: 1 Mar 2019 19:17

Instrument :
MSVOA_F
ClientSampleId :
Z-3-2-B

Tot Ion	Ratio	Resp	Lower	Upper
117	100	399800		
82	51.5	39.3	58.9	
119	33.2	26.6	40.0	

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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: VF061811.D
Acq: 1 Mar 2019 19:17

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	208151		
115	50.9	24.3	72.8	
150	151.3	0.0	312.0	

