

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF030119\
 Data File : VF061810.D
 Acq On : 1 Mar 2019 18:49
 Operator : VA/AP
 Sample : K1675-13
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 3/4/2019 4:01:23 PM

Quant Time: Mar 02 03:22:45 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	294010	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.58	114	465185	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	395347	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.54	152	202807	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.83	65	100781	46.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.48%	
35) Dibromofluoromethane	4.10	113	144572	41.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	83.70%	
50) Toluene-d8	7.54	98	371890	37.45	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	74.90%	
62) 4-Bromofluorobenzene	11.40	95	154600	38.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	76.96%	
Target Compounds						
16) Acetone	2.23	43	13739	29.700	ug/l	98
20) Methylene Chloride	2.24	84	35696m	12.511	ug/l	

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

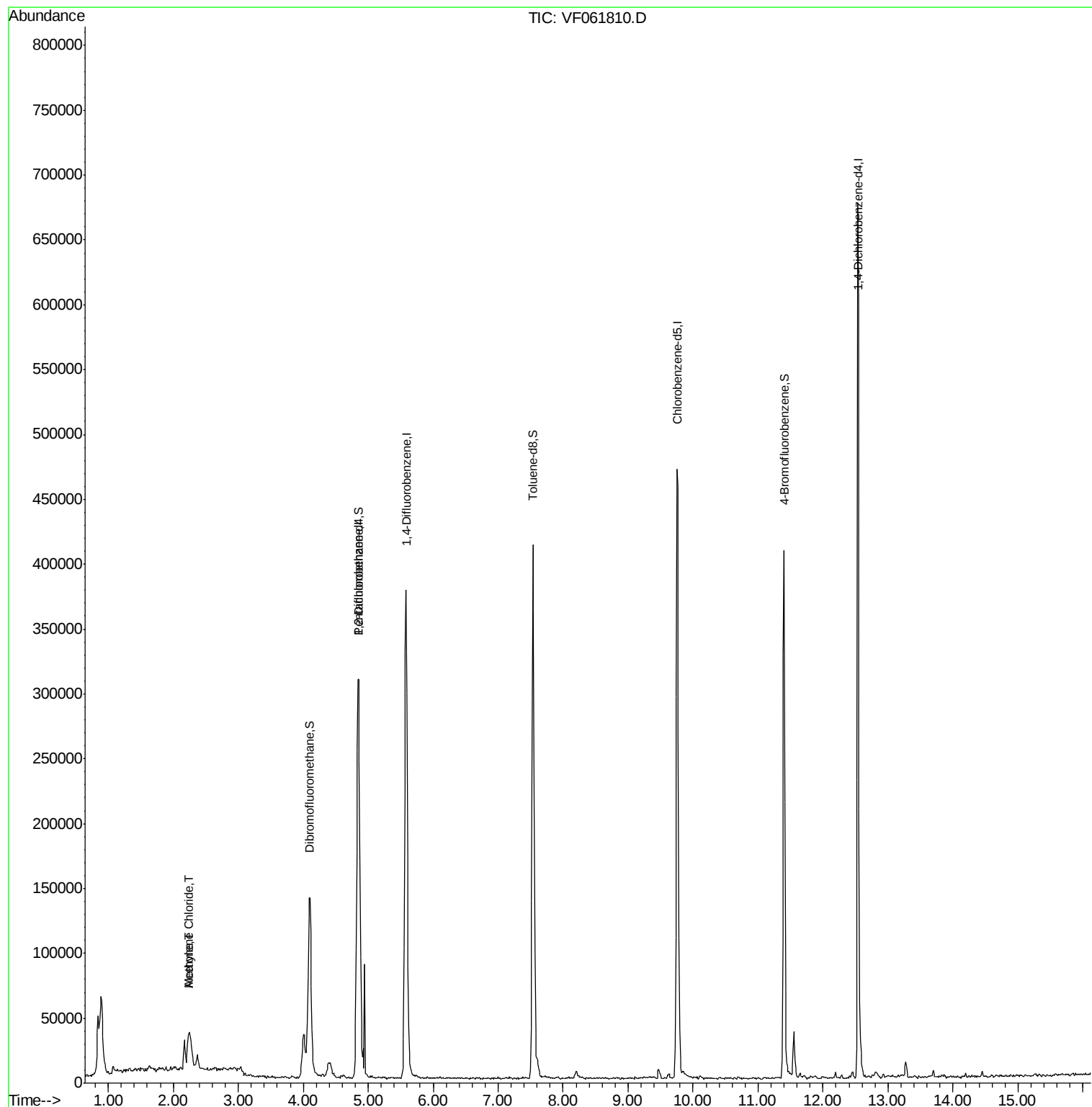
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF030119\
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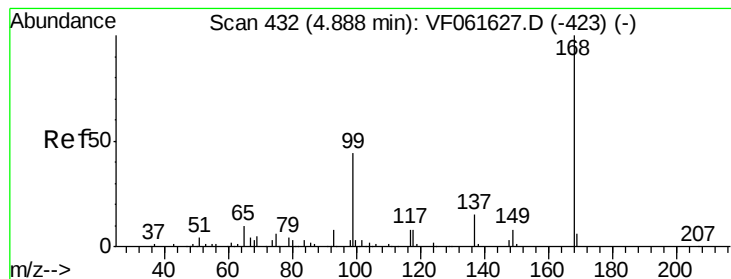
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 03:27:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.03 min

Lab File: VF061810.D

Acq: 1 Mar 2019 18:49

Instrument :

MSVOA_F

ClientSampleId :

Z-3-2-A

Tot Ion:168 Resp: 294010

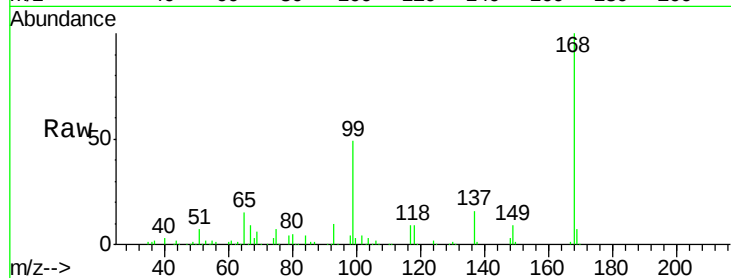
Ion Ratio Lower Upper

168 100

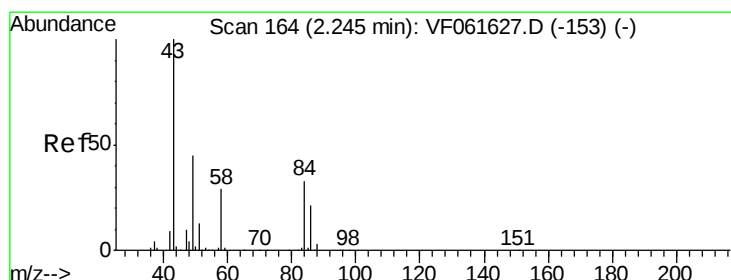
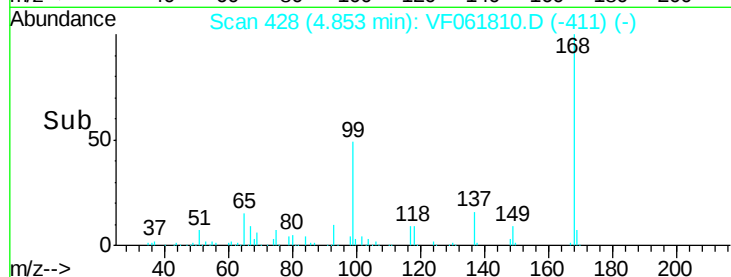
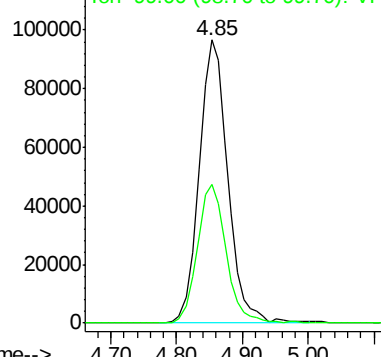
99 49.1 34.9 52.3

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



#16

Acetone

Concen: 29.700 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061810.D

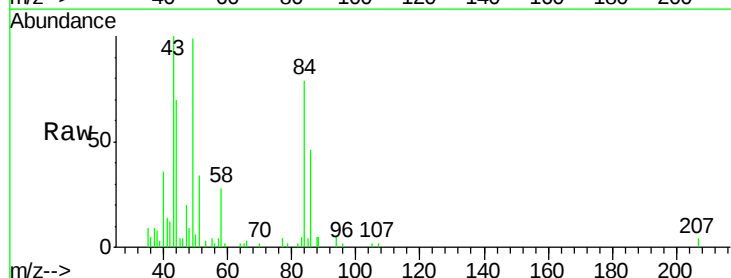
Acq: 1 Mar 2019 18:49

Tgt Ion: 43 Resp: 13739

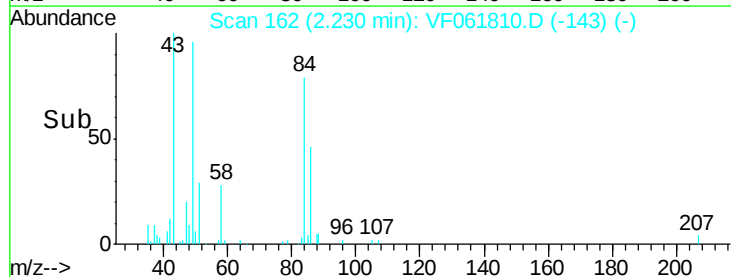
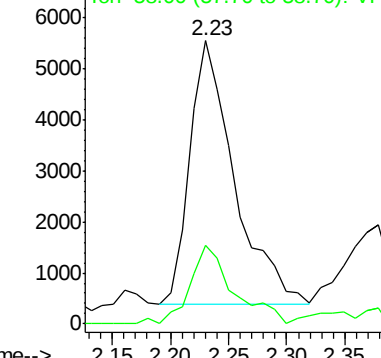
Ion Ratio Lower Upper

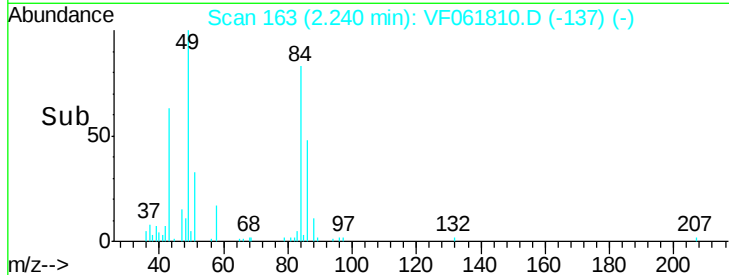
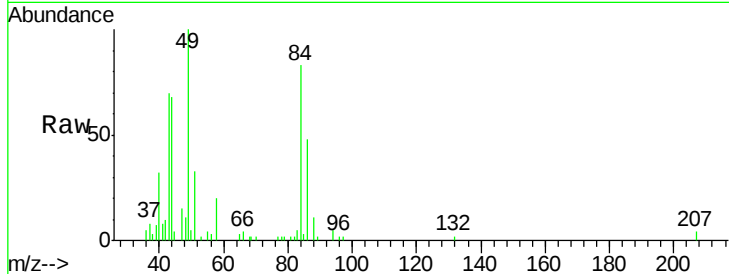
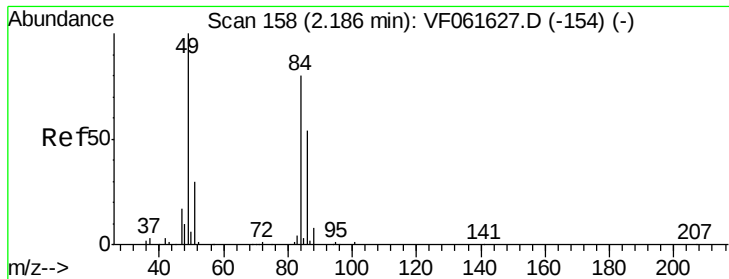
43 100

58 27.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0





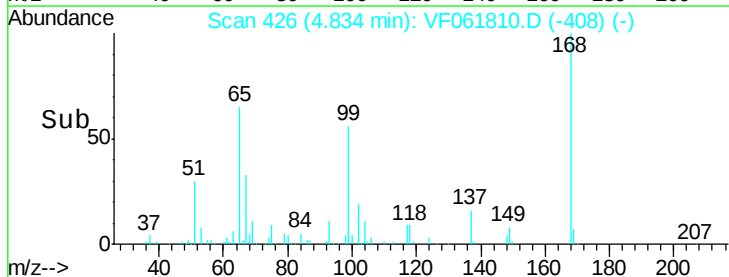
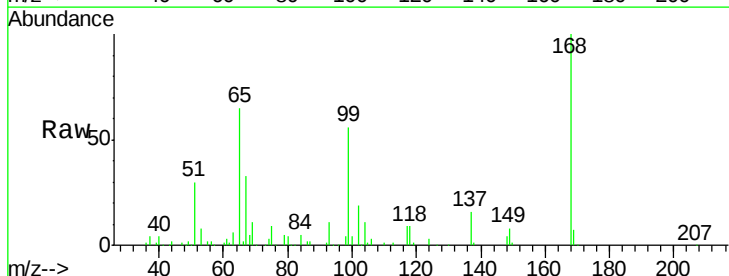
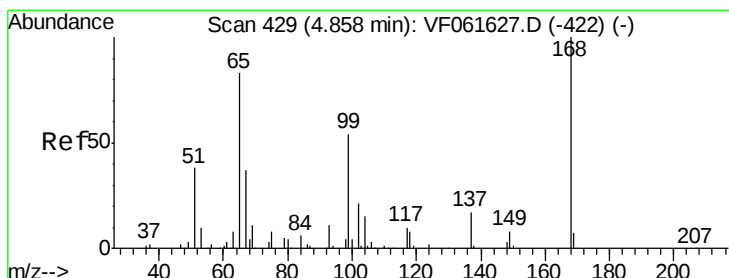
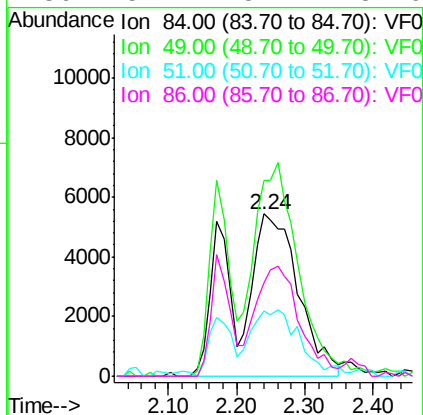
#20
Methvlene Chloride
Concen: 12.511 ug/l
RT: 2.24 min Scan# 163
Delta R.T. 0.05 min
Lab File: VF061810.D
Acq: 1 Mar 2019 18:49

Tot Ion:	84	Resp:	35696
Ion	Ratio	Lower	Upper
84	100		
49	121.1	101.8	152.8
51	40.3	31.1	46.7
86	57.7	54.4	81.6

Instrument :
MSVOA_F
ClientSampled :
Z-3-2-A

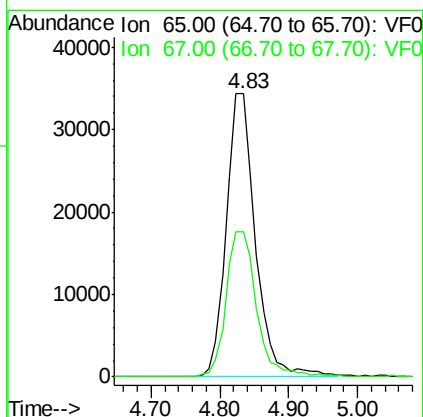
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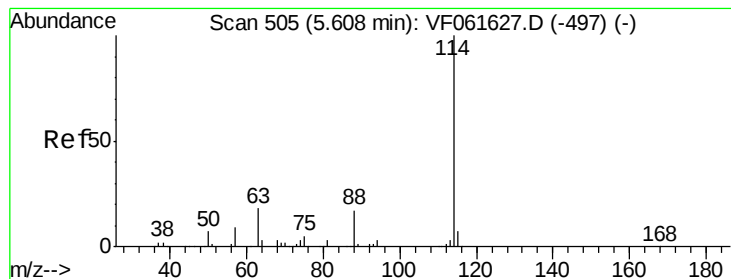
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#33
1,2-Dichloroethane-d4
Concen: 46.744 ug/l
RT: 4.83 min Scan# 426
Delta R.T. -0.02 min
Lab File: VF061810.D
Acq: 1 Mar 2019 18:49

Tgt Ion:	65	Resp:	100781
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061810.D

Acq: 1 Mar 2019 18:49

Instrument :

MSVOA_F

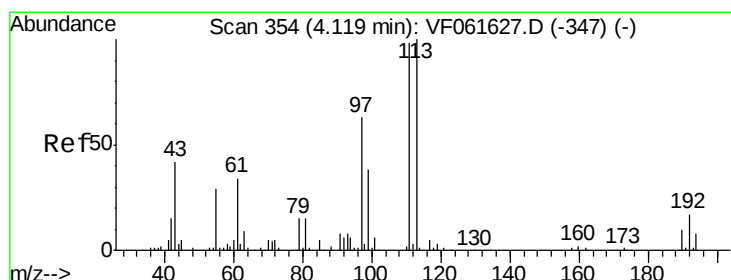
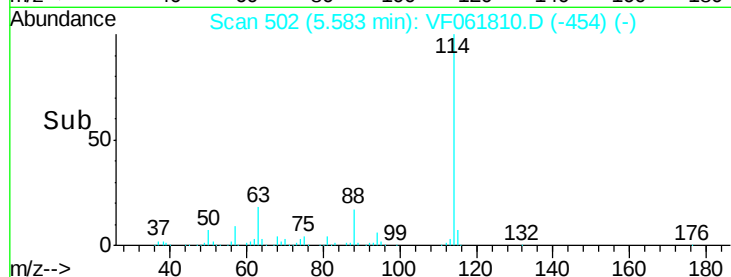
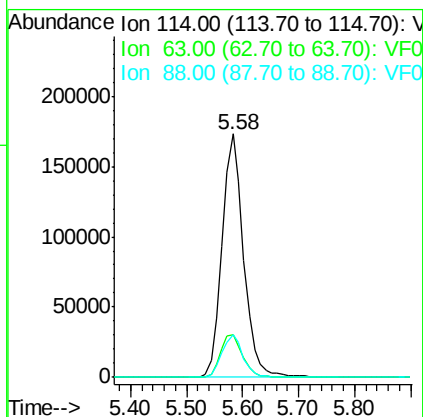
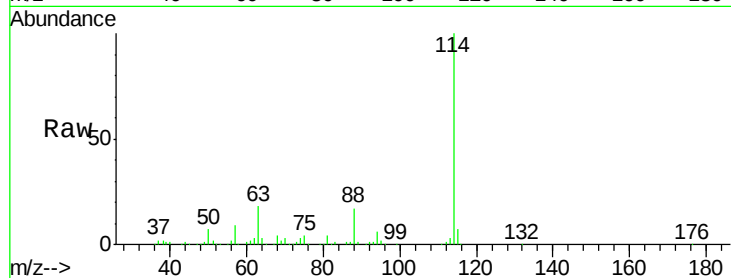
ClientSampleId :

Z-3-2-A

Tot Ion:	114	Resp:	465185
Ion Ratio		Lower	Upper
114	100		
63	17.6	0.0	36.6
88	17.3	0.0	34.4

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#35

Dibromofluoromethane

Concen: 41.850 ug/l

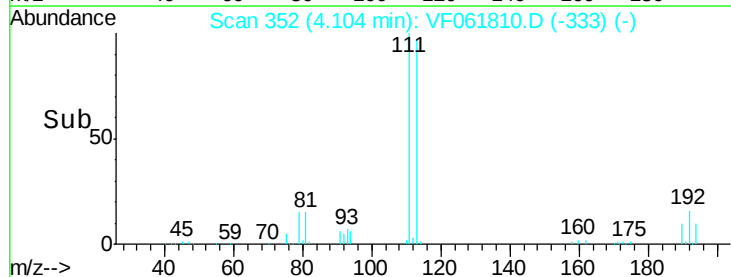
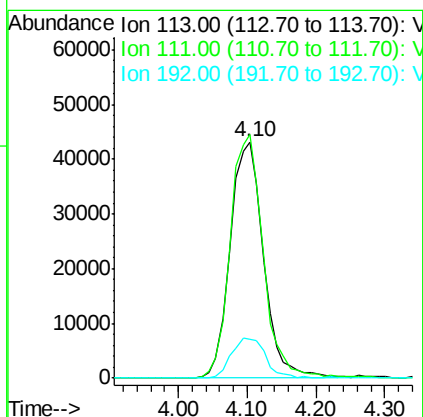
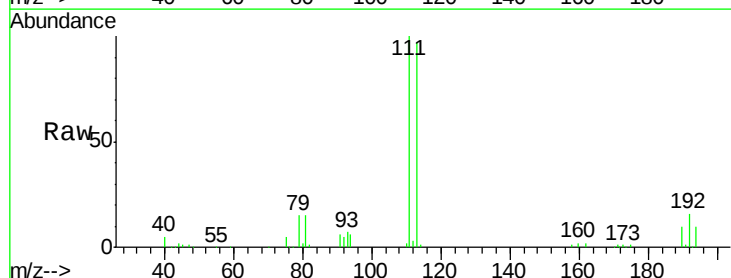
RT: 4.10 min Scan# 352

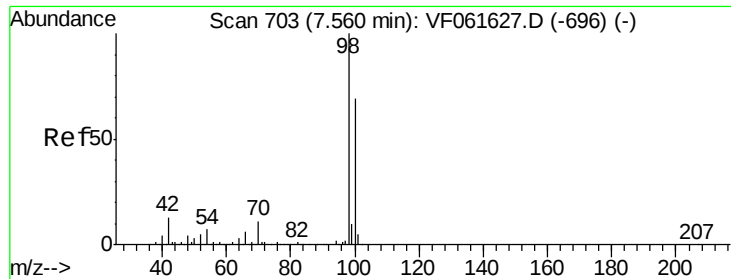
Delta R.T. -0.02 min

Lab File: VF061810.D

Acq: 1 Mar 2019 18:49

Tgt Ion:	113	Resp:	144572
Ion Ratio		Lower	Upper
113	100		
111	103.1	78.8	118.2
192	16.6	13.4	20.0





#50

Toluene-d8

Concen: 37.449 ug/l

RT: 7.54 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF061810.D

Acq: 1 Mar 2019 18:49

Instrument :

MSVOA_F

ClientSampleId :

Z-3-2-A

Tot Ion: 98 Resp: 371890

Ion Ratio Lower Upper

98 100

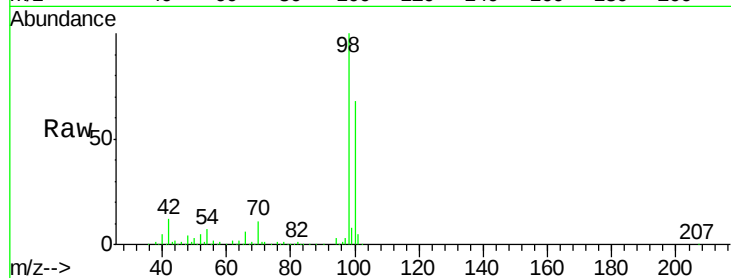
100 67.6 55.4 83.2

Manual Integrations

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3/4/2019 4:01:23 PM



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.54

150000

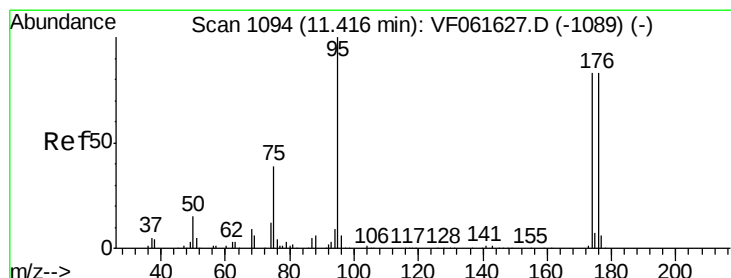
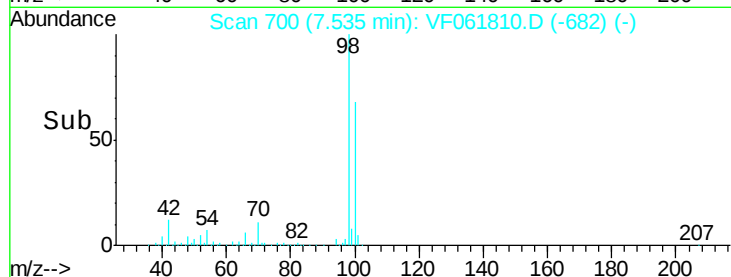
100000

50000

0

Time-->

7.40 7.50 7.60 7.70



#62

4-Bromofluorobenzene

Concen: 38.476 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061810.D

Acq: 1 Mar 2019 18:49

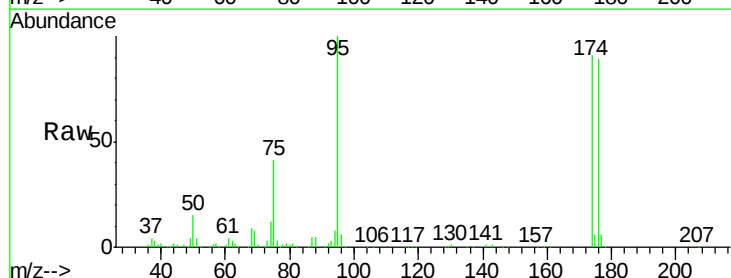
Tgt Ion: 95 Resp: 154600

Ion Ratio Lower Upper

95 100

174 91.5 0.0 165.8

176 89.2 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

120000

100000

80000

60000

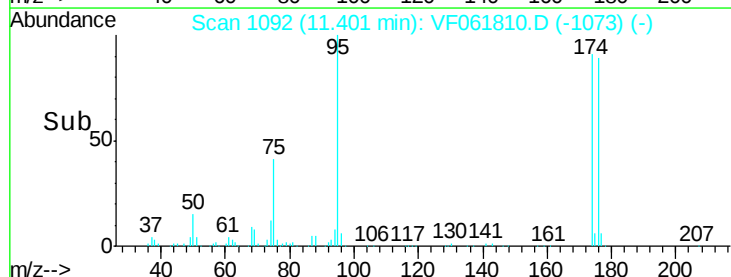
40000

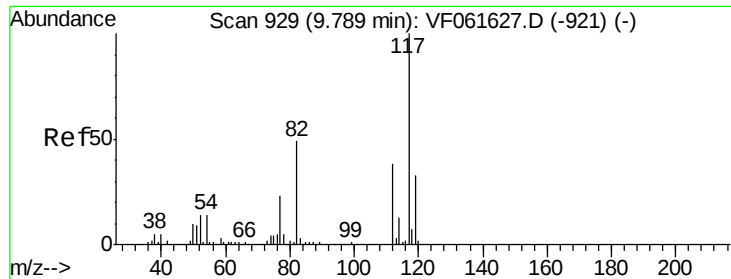
20000

0

Time-->

11.30 11.40 11.50





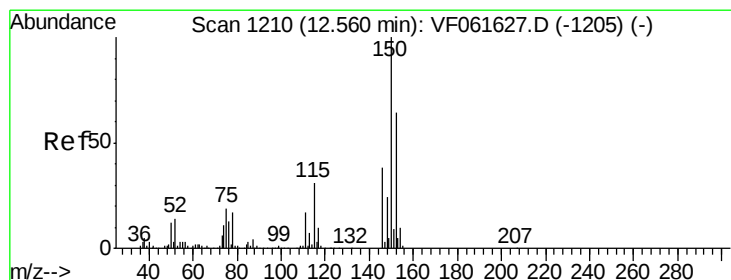
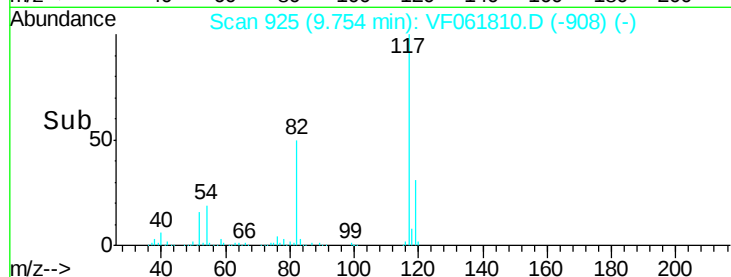
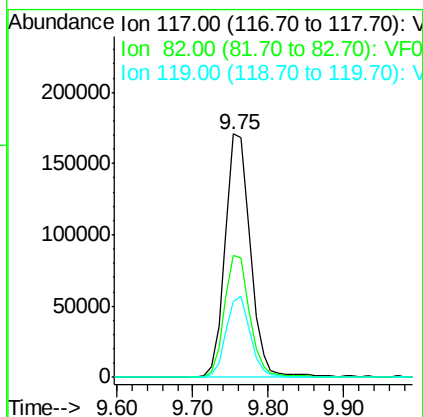
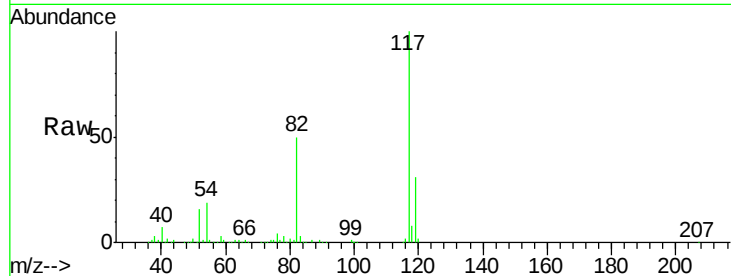
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.03 min
Lab File: VF061810.D
Acq: 1 Mar 2019 18:49

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	395347		
82	50.0		39.3	58.9
119	31.1		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: VF061810.D
Acq: 1 Mar 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	202807		
115	47.3		24.3	72.8
150	150.0		0.0	312.0

