

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF011819\
 Data File : VF061460.D
 Acq On : 18 Jan 2019 15:35
 Operator : VA/AP
 Sample : K1011-07
 Misc : 5.30g/5mL/MSVOA-F/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-03-011719-B

Manual Integrations
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MMDadoda
 1/21/2019 11:11:28 AM

Quant Time: Jan 19 04:30:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 04:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	213256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	384233	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	290240	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	126999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	156765	59.54	ug/l	0.01
Spiked Amount 50.000			Recovery	=	119.08%	
35) Dibromofluoromethane	4.12	113	166935	55.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.12%	
50) Toluene-d8	7.56	98	365680	44.02	ug/l	0.01
Spiked Amount 50.000			Recovery	=	88.04%	
62) 4-Bromofluorobenzene	11.40	95	164155	42.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.58%	
Target Compounds						
16) Acetone	2.24	43	31554	59.739	ug/l	98
20) Methylene Chloride	2.24	84	17354m	8.210	ug/l	
52) Toluene	7.63	92	22547	3.454	ug/l	98
67) Ethyl Benzene	9.90	91	22986	2.132	ug/l	91
68) m/p-Xylenes	10.13	106	24785	6.390	ug/l	83
69) o-Xylene	10.71	106	18439	4.386	ug/l	95
78) n-propylbenzene	11.59	91	21913	1.770	ug/l	96
80) 1,3,5-Trimethylbenzene	11.82	105	24909	2.988	ug/l	96
84) 1,2,4-Trimethylbenzene	12.20	105	90337	10.521	ug/l	99
89) n-Butylbenzene	12.84	91	15662	1.579	ug/l #	58
95) Naphthalene	14.45	128	47694	8.782	ug/l #	91

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

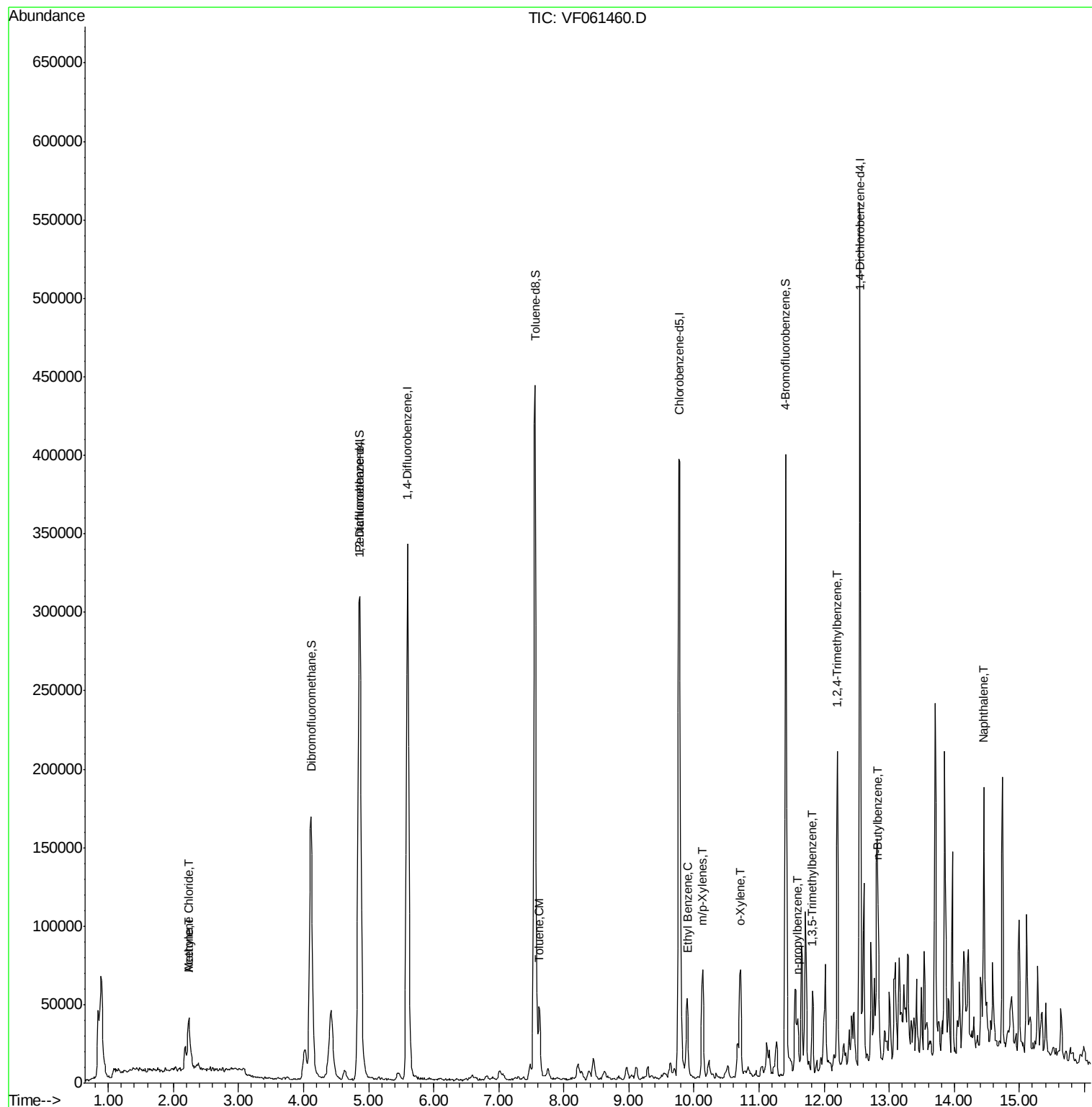
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF011819\
Data File : VF061460.D
Acq On : 18 Jan 2019 15:35
Operator : VA/AP
Sample : K1011-07
Misc : 5.30g/5mL/MSVOA-F/SOIL
ALS Vial : 10 Sample Multiplier: 1

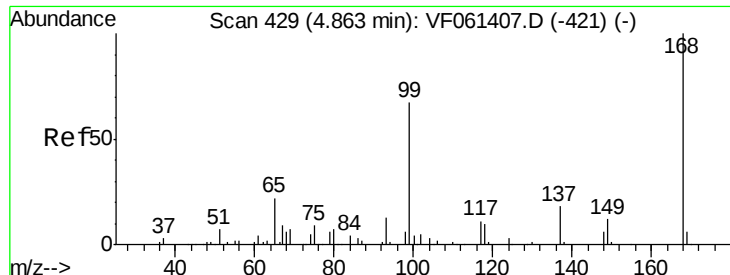
Instrument :
MSVOA_F
ClientSampleId :
OR-03-011719-B

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Quant Time: Jan 19 04:30:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F011519S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 04:51:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.00 min

Lab File: VF061460.D

Acq: 18 Jan 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

OR-03-011719-B

Tot Ion:168 Resp: 213256

Ion Ratio Lower Upper

168 100

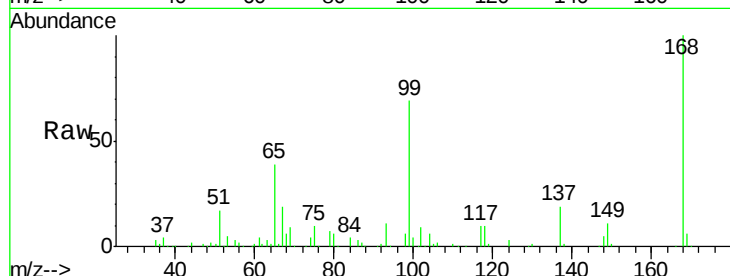
99 68.7 53.5 80.3

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

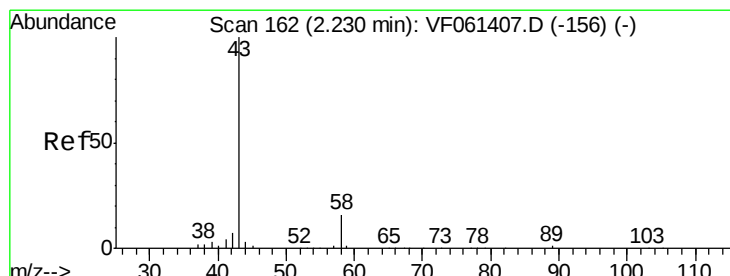
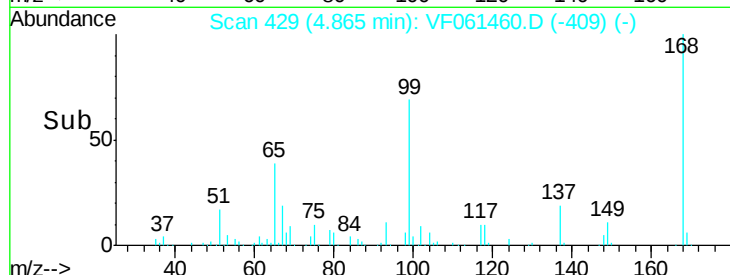
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 59.739 ug/l

RT: 2.24 min Scan# 163

Delta R.T. 0.01 min

Lab File: VF061460.D

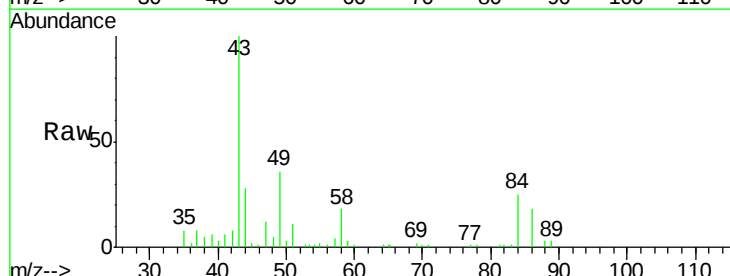
Acq: 18 Jan 2019 15:35

Tgt Ion: 43 Resp: 31554

Ion Ratio Lower Upper

43 100

58 17.5 13.3 19.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

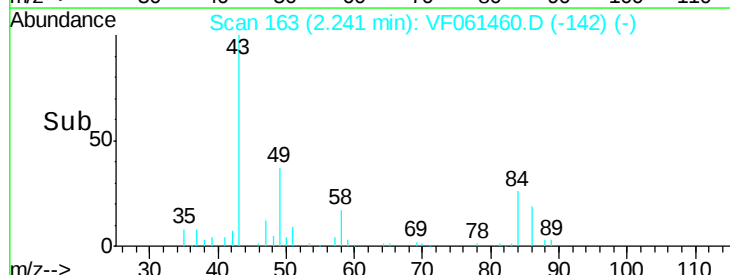
2.24

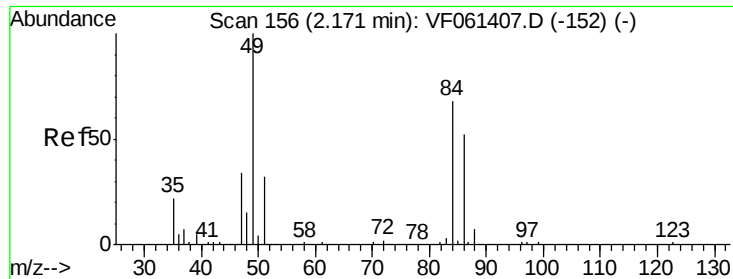
10000

5000

0

Time-->





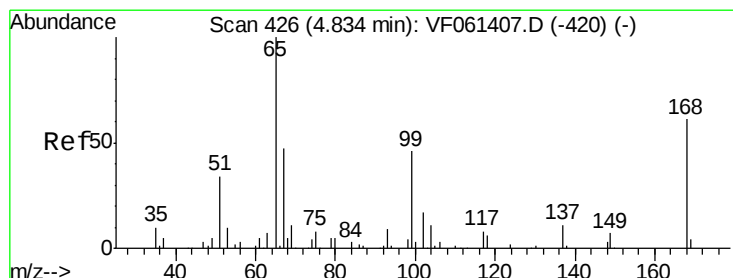
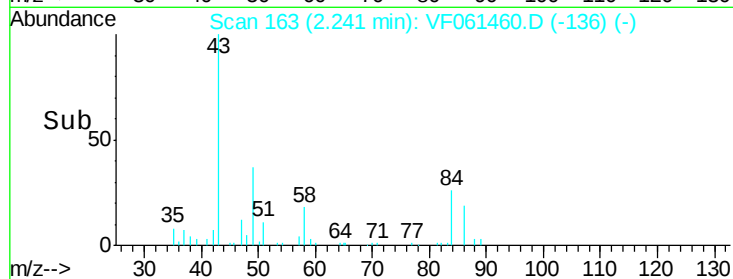
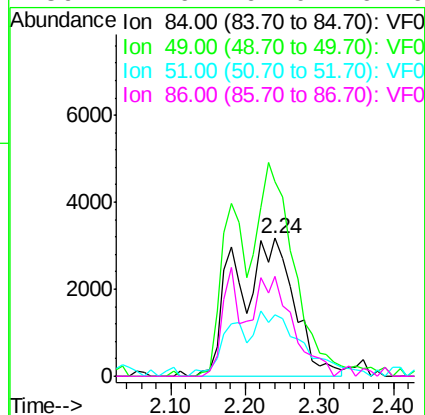
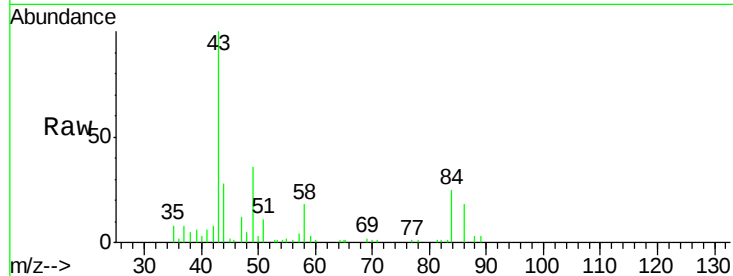
#20
Methvlene Chloride
Concen: 8.210 ug/l m
RT: 2.24 min Scan# 163
Delta R.T. 0.07 min
Lab File: VF061460.D
Acq: 18 Jan 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
OR-03-011719-B

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	141.5	120.0	180.0	
51	44.6	38.6	58.0	
86	72.6	61.0	91.6	

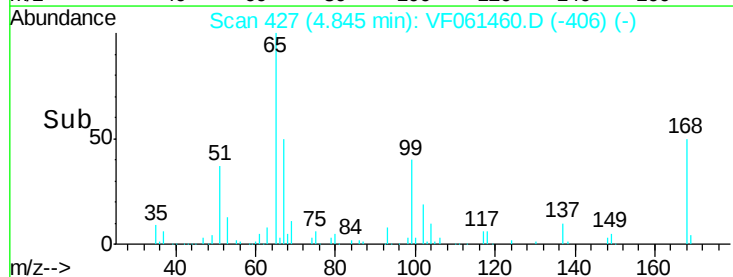
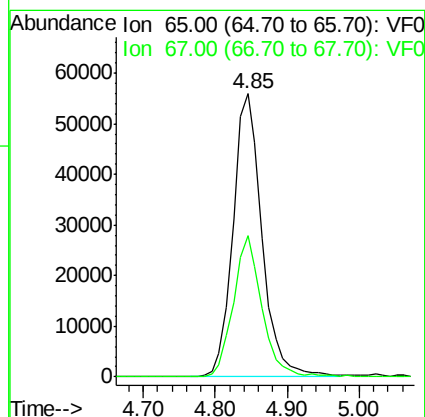
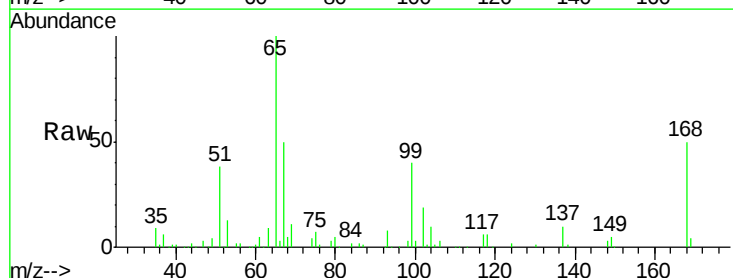
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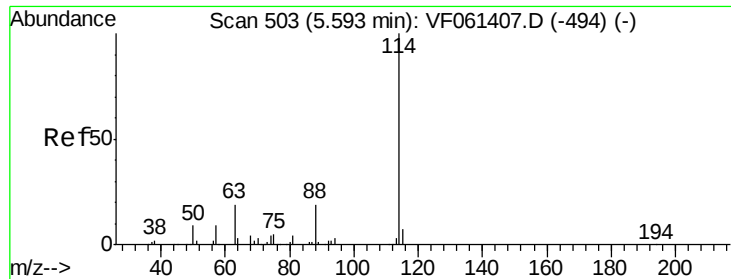
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#33
1,2-Dichloroethane-d4
Concen: 59.540 ug/l
RT: 4.85 min Scan# 427
Delta R.T. 0.01 min
Lab File: VF061460.D
Acq: 18 Jan 2019 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
67	49.7	0.0	99.8	





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. 0.00 min

Lab File: VF061460.D

Acq: 18 Jan 2019 15:35

Instrument :

MSVOA_F

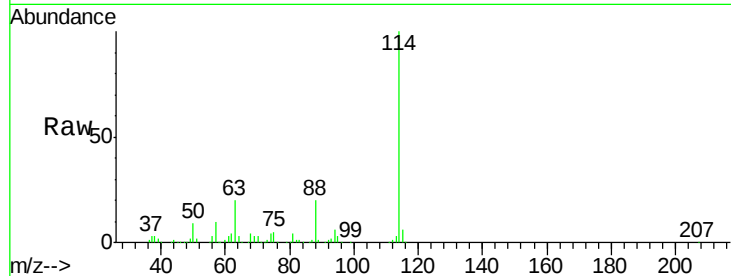
ClientSampleId :

OR-03-011719-B

Tot Ion:	114	Resp:	384233
Ion Ratio		Lower	Upper
114	100		
63	20.0	0.0	39.0
88	20.0	0.0	37.4

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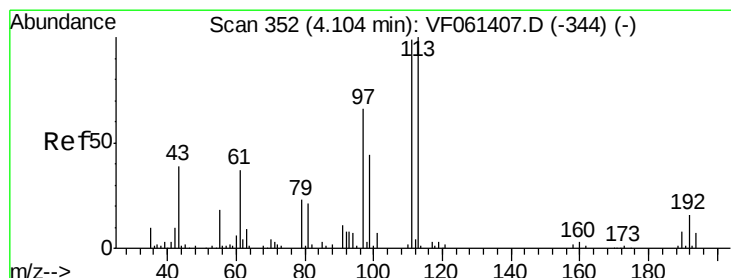
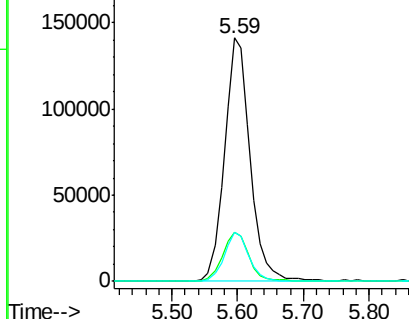
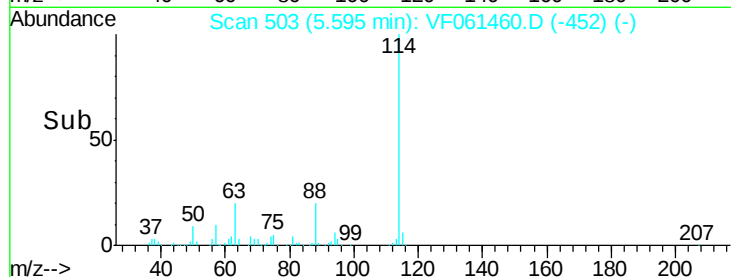
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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0



#35

Dibromofluoromethane

Concen: 55.059 ug/l

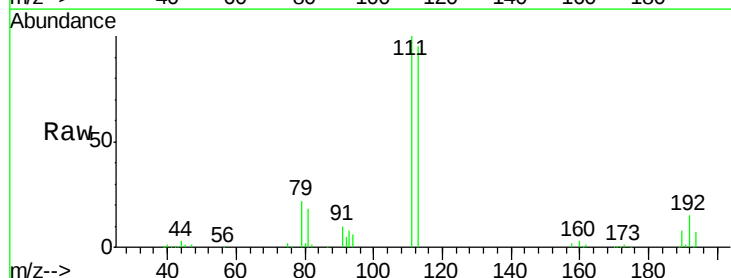
RT: 4.12 min Scan# 353

Delta R.T. 0.01 min

Lab File: VF061460.D

Acq: 18 Jan 2019 15:35

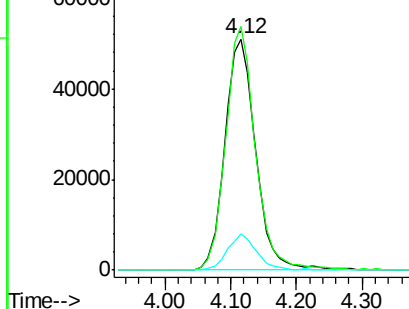
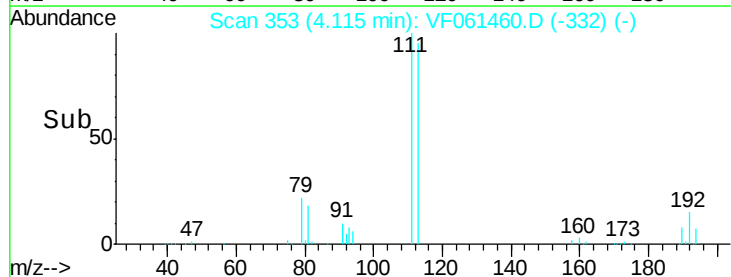
Tgt Ion:	113	Resp:	166935
Ion Ratio		Lower	Upper
113	100		
111	105.4	79.4	119.0
192	15.7	12.4	18.6

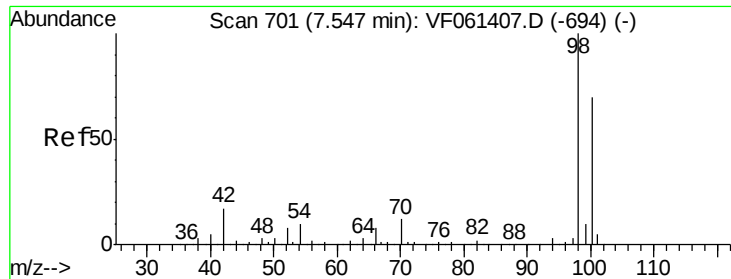


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 44.021 ug/l

RT: 7.56 min Scan# 702

Delta R.T. 0.01 min

Lab File: VF061460.D

Acq: 18 Jan 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

OR-03-011719-B

Tot Ion: 98 Resp: 365680

Ion Ratio Lower Upper

98 100

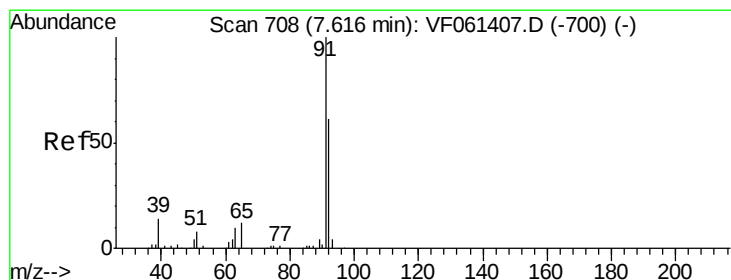
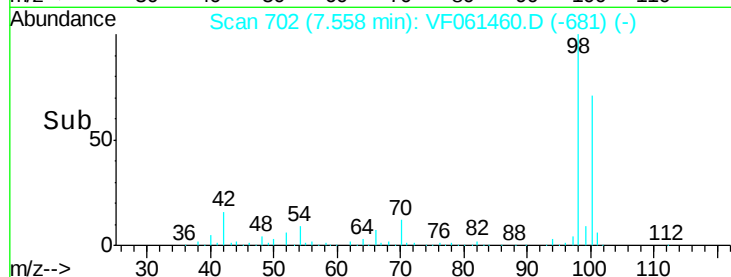
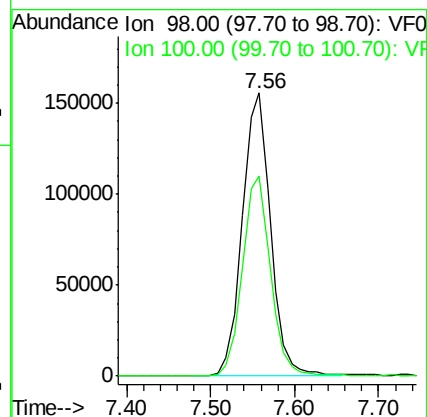
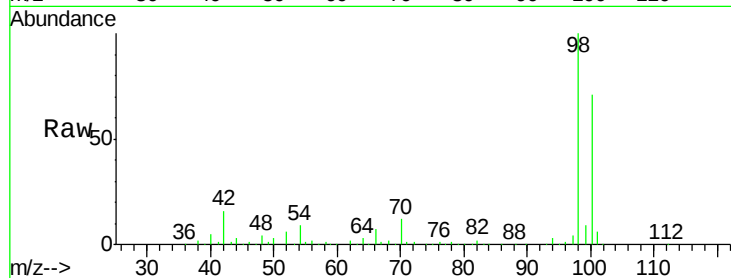
100 70.8 55.6 83.4

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#52

Toluene

Concen: 3.454 ug/l

RT: 7.63 min Scan# 709

Delta R.T. 0.01 min

Lab File: VF061460.D

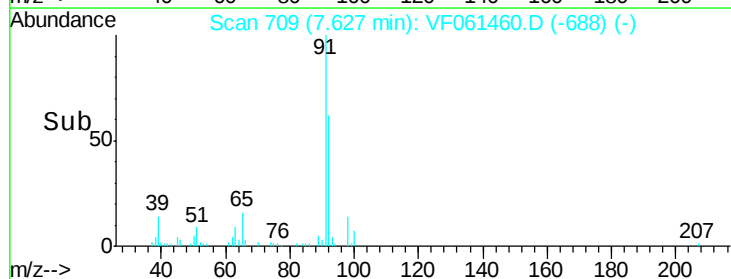
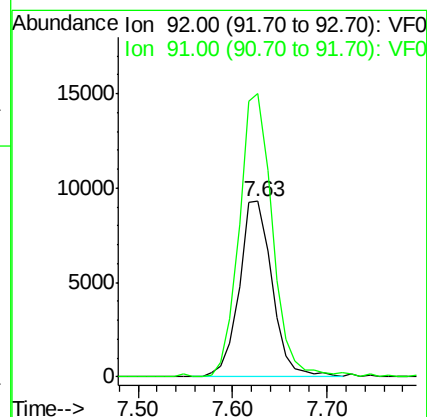
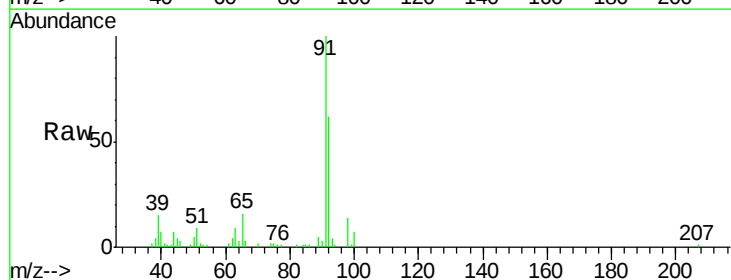
Acq: 18 Jan 2019 15:35

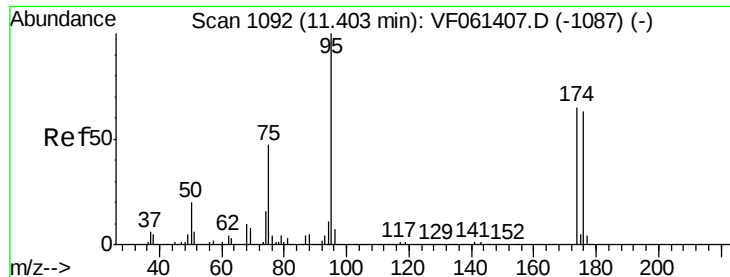
Tgt Ion: 92 Resp: 22547

Ion Ratio Lower Upper

92 100

91 161.3 131.2 196.8





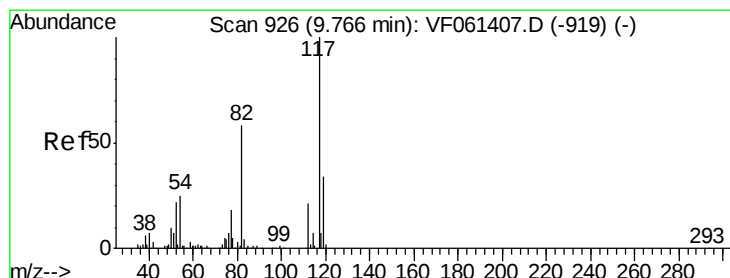
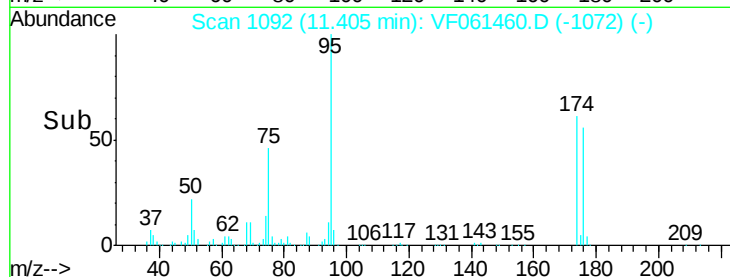
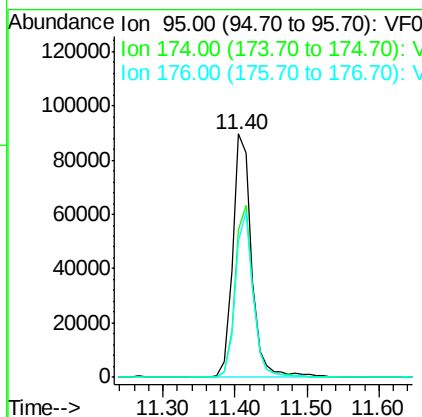
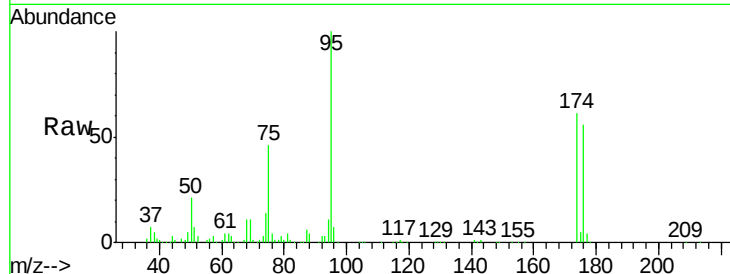
#62
4-Bromofluorobenzene
Concen: 42.295 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VF061460.D
Acq: 18 Jan 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
OR-03-011719-B

Tot Ion	Ratio	Resp	Lower	Upper
95	100	164155		
174	60.7	0.0	130.4	
176	55.9	0.0	126.2	

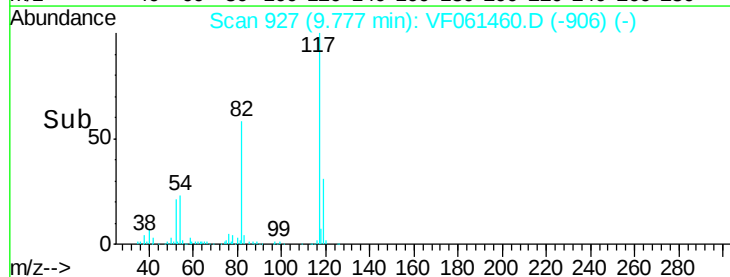
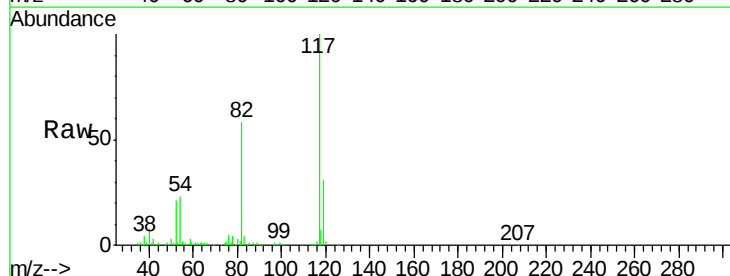
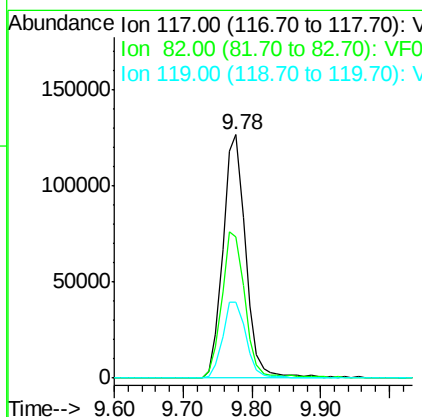
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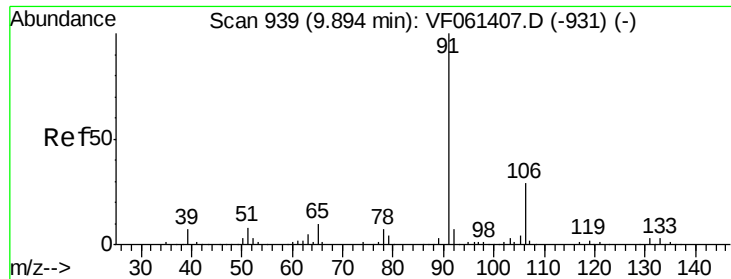
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 927
Delta R.T. 0.01 min
Lab File: VF061460.D
Acq: 18 Jan 2019 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	290240		
82	58.2	46.4	69.6	
119	31.1	27.2	40.8	





#67

Ethyl Benzene

Concen: 2.132 ug/l

RT: 9.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: VF061460.D

Acq: 18 Jan 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

OR-03-011719-B

Tot Ion: 91 Resp: 22986

Ion Ratio Lower Upper

91 100

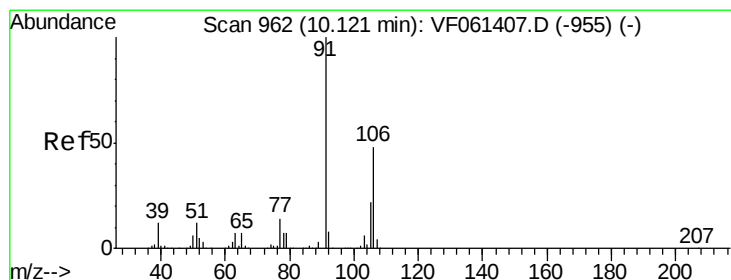
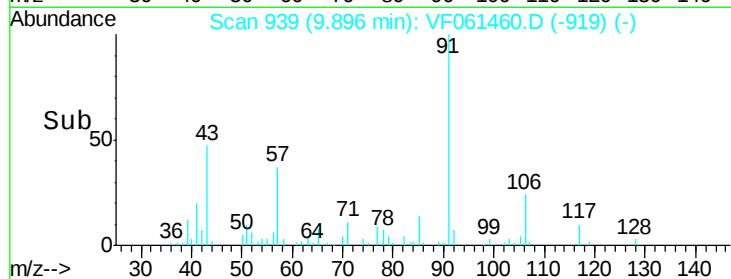
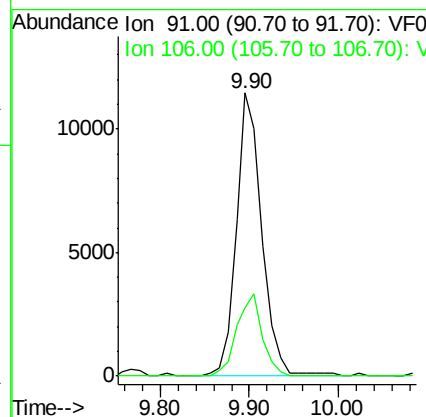
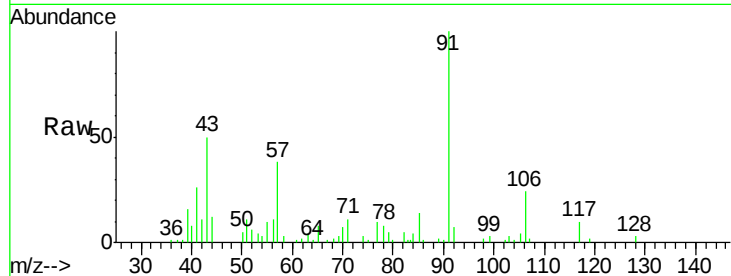
106 24.0 23.1 34.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 6.390 ug/l

RT: 10.13 min Scan# 963

Delta R.T. 0.01 min

Lab File: VF061460.D

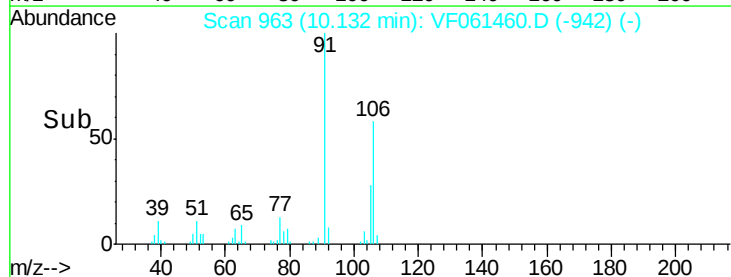
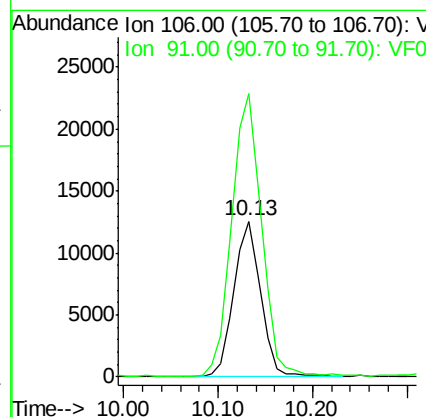
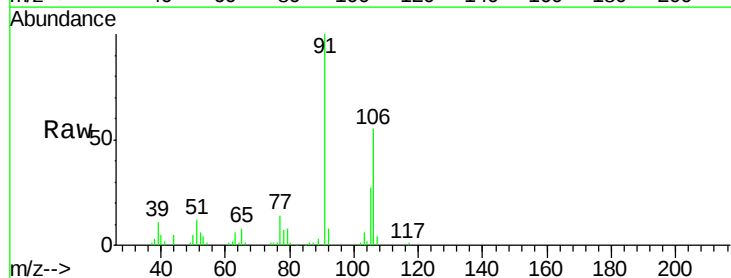
Acq: 18 Jan 2019 15:35

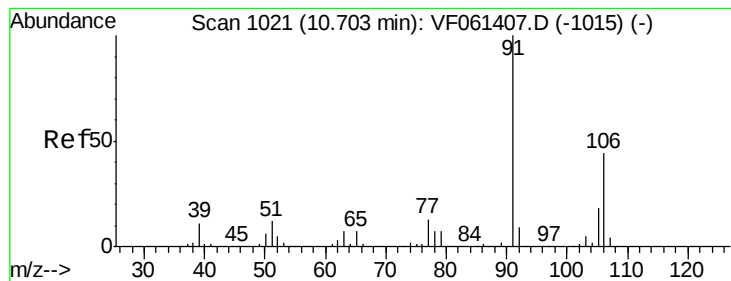
Tgt Ion: 106 Resp: 24785

Ion Ratio Lower Upper

106 100

91 181.4 166.2 249.4





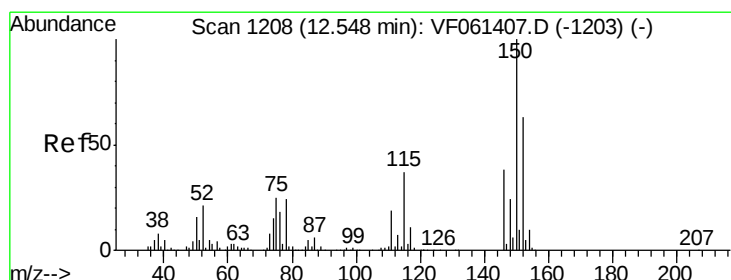
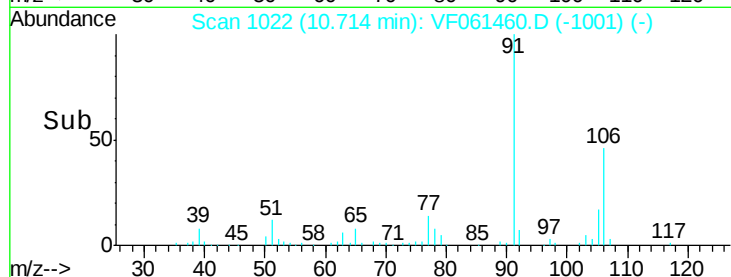
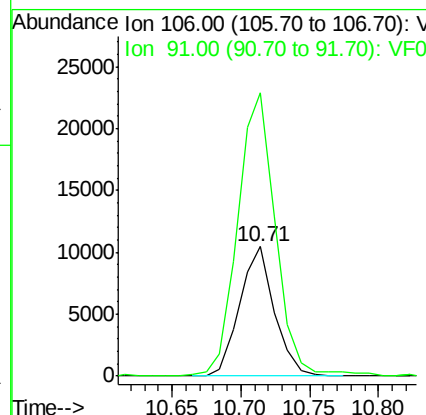
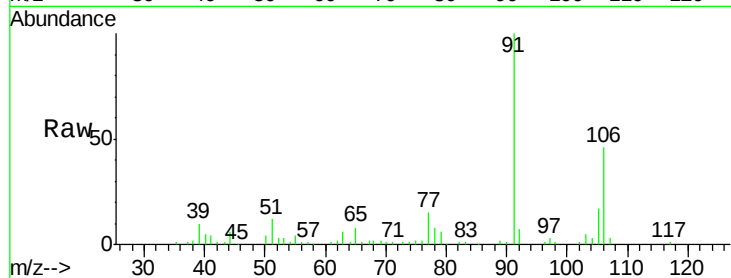
#69
o-Xylene
Concen: 4.386 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VF061460.D
Acq: 18 Jan 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
OR-03-011719-B

Tot Ion:106 Resp: 18439
Ion Ratio Lower Upper
106 100
91 218.2 113.3 339.8

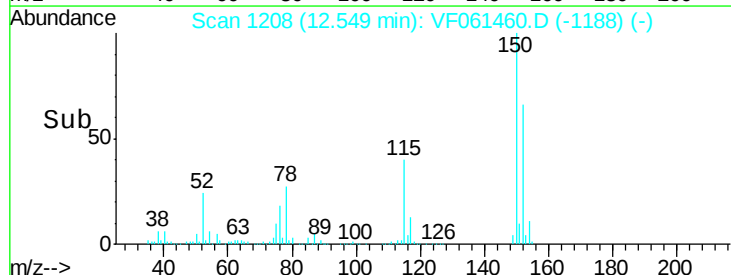
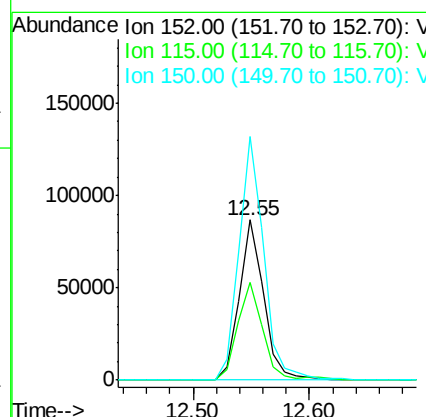
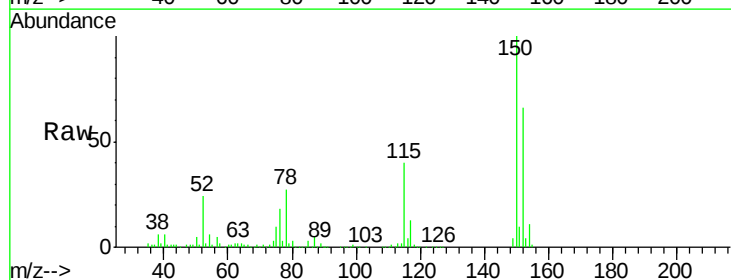
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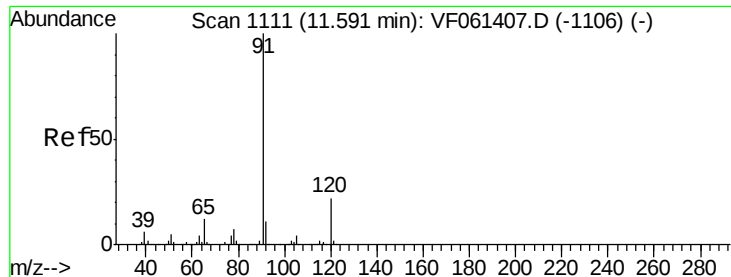
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1208
Delta R.T. 0.00 min
Lab File: VF061460.D
Acq: 18 Jan 2019 15:35

Tgt Ion:152 Resp: 126999
Ion Ratio Lower Upper
152 100
115 61.3 30.0 90.0
150 152.2 0.0 321.4





#78

n-propylbenzene

Concen: 1.770 ug/l

RT: 11.59 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VF061460.D

Acq: 18 Jan 2019 15:35

Instrument :

MSVOA_F

ClientSampleId :

OR-03-011719-B

Tot Ion: 91 Resp: 21913

Ion Ratio Lower Upper

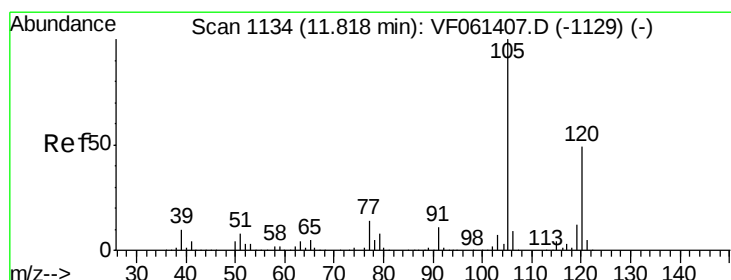
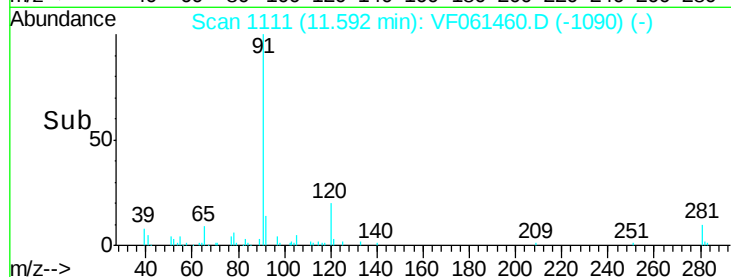
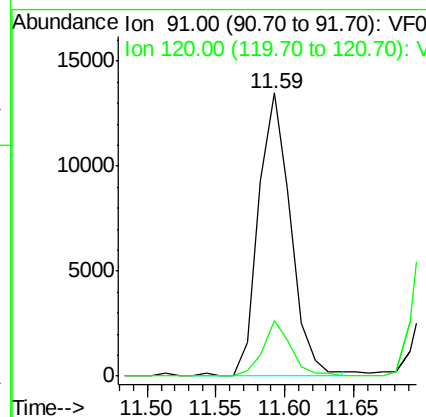
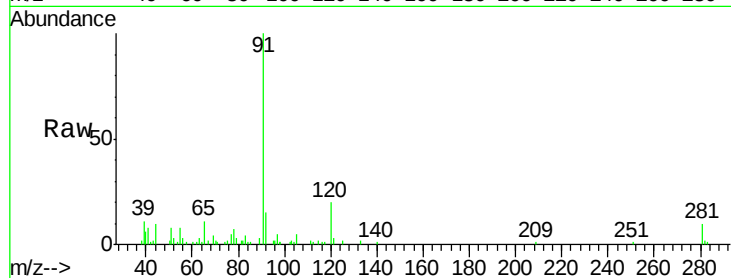
91 100

120 19.7 10.9 32.6

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#80

1,3,5-Trimethylbenzene

Concen: 2.988 ug/l

RT: 11.82 min Scan# 1134

Delta R.T. 0.00 min

Lab File: VF061460.D

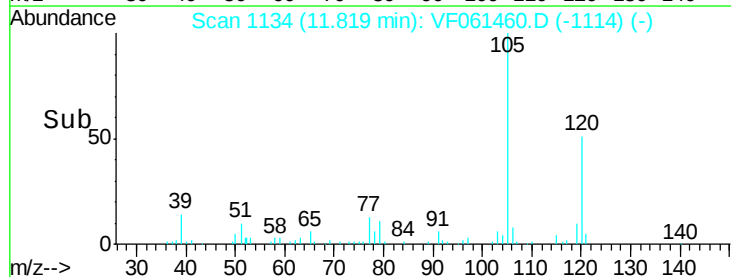
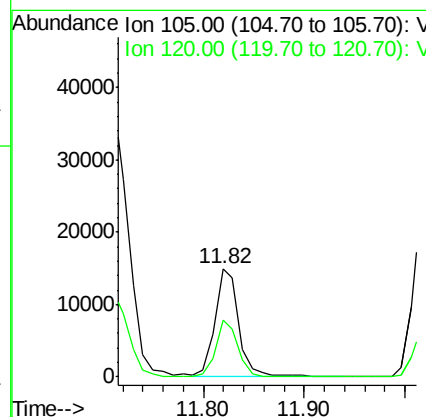
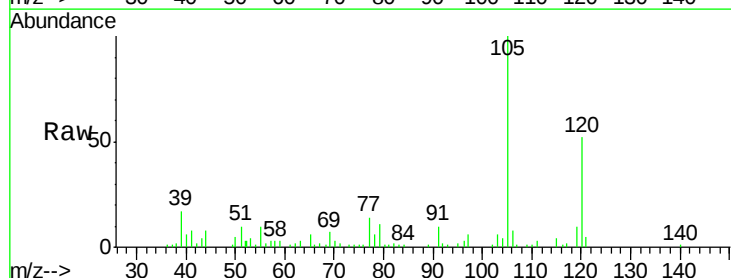
Acq: 18 Jan 2019 15:35

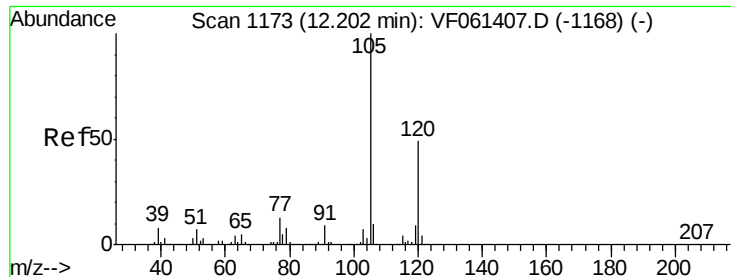
Tgt Ion: 105 Resp: 24909

Ion Ratio Lower Upper

105 100

120 52.2 24.7 74.1





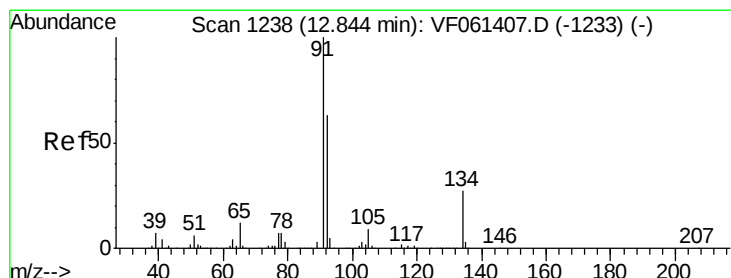
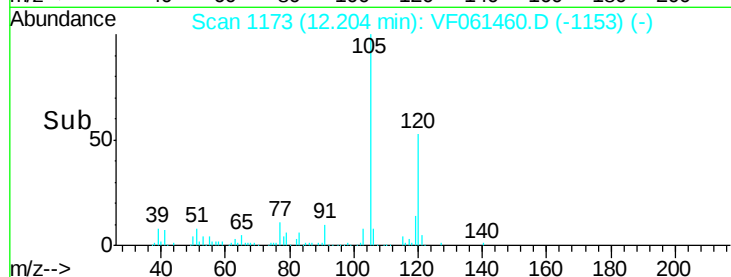
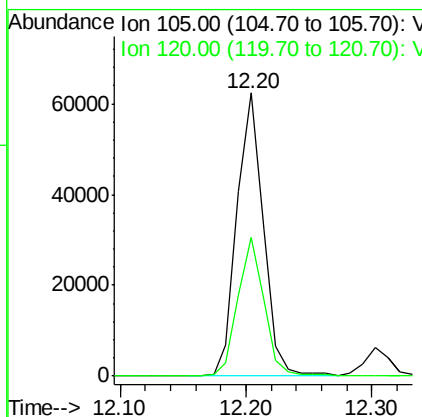
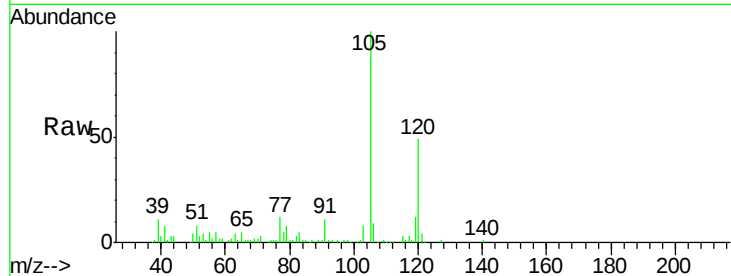
#84
 1,2,4-Trimethylbenzene
 Concen: 10.521 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VF061460.D
 Acq: 18 Jan 2019 15:35

Instrument :
 MSVOA_F
 ClientSampleID :
 OR-03-011719-B

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.1	24.9	74.6

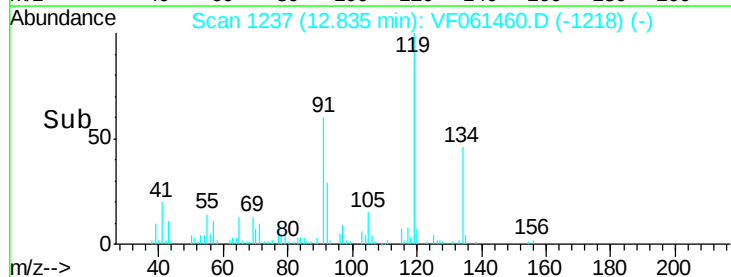
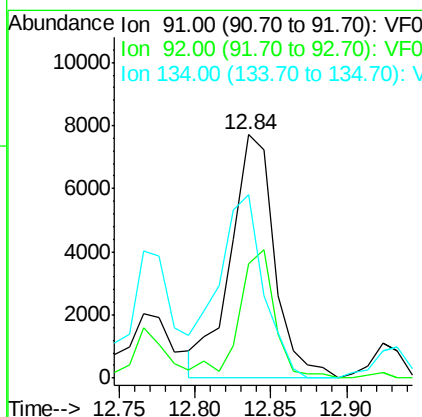
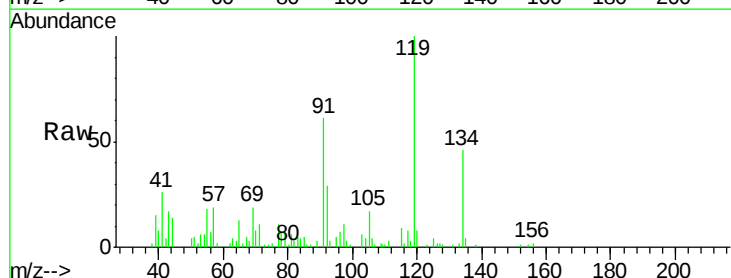
Manual Integrations
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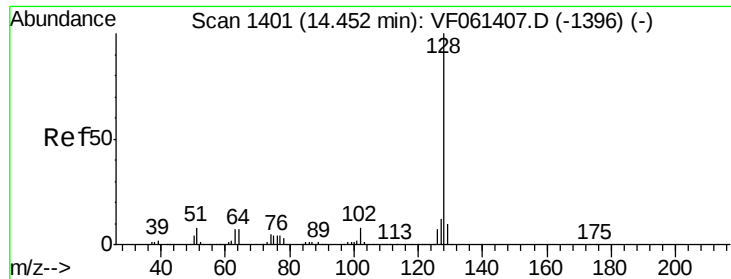
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#89
 n-Butylbenzene
 Concen: 1.579 ug/l
 RT: 12.84 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VF061460.D
 Acq: 18 Jan 2019 15:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	47.0	31.6	94.7
134	75.3	13.6	40.8#





#95
Naphthalene
Concen: 8.782 ug/l
RT: 14.45 min Scan# 1401
Delta R.T. 0.00 min
Lab File: VF061460.D
Acq: 18 Jan 2019 15:35

Instrument :
MSVOA_F
ClientSampleId :
OR-03-011719-B

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.1	9.5	14.3
129	15.1	8.4	12.6

Manual Integrations
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