

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032019\
 Data File : VF062038.D
 Acq On : 20 Mar 2019 14:15
 Operator : VA/AP
 Sample : K1971-03RE
 Misc : 3.37g/5mL/MSVOA-F/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9(1-2)-031519RE

Manual Integrations
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 3/22/2019 4:51:51 PM

Quant Time: Mar 22 07:10:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	183931	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	285448	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	154308	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	26841	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	86213	65.12	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	130.24%	
35) Dibromofluoromethane	4.09	113	127652	66.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	133.20%	
50) Toluene-d8	7.54	98	267448	47.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.46%	
62) 4-Bromofluorobenzene	11.40	95	50003	22.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.92%	
Target Compounds						
20) Methylene Chloride	2.17	84	15092m	9.860	ug/l	Qvalue
67) Ethyl Benzene	9.88	91	33421	6.794	ug/l	99
68) m/p-Xylenes	10.11	106	57352	30.999	ug/l	93
69) o-Xylene	10.70	106	16501	8.335	ug/l	89
80) 1,3,5-Trimethylbenzene	11.82	105	2334	1.558	ug/l	93
84) 1,2,4-Trimethylbenzene	12.19	105	4139	2.759	ug/l	95

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

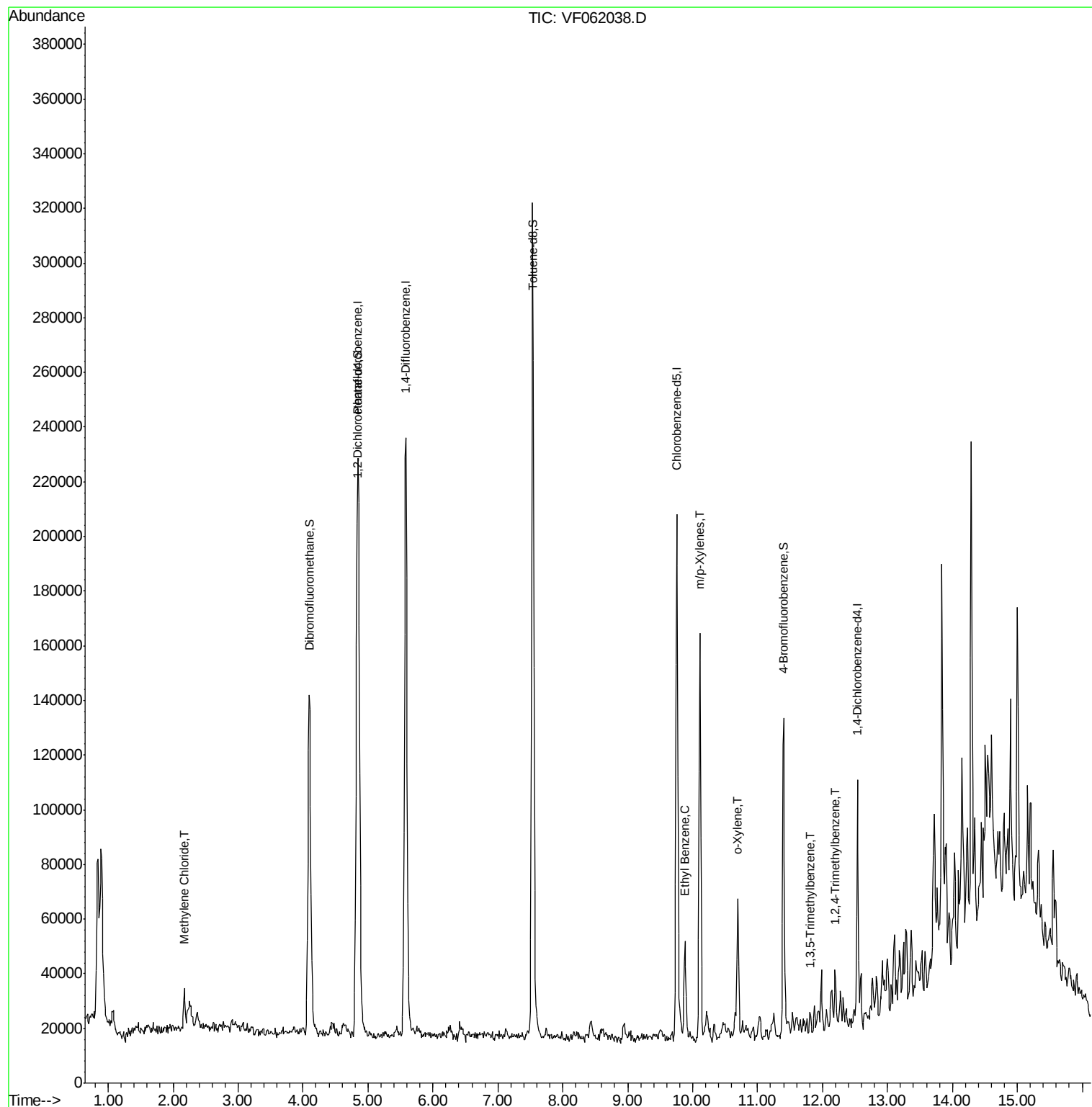
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF032019\
Data File : VF062038.D
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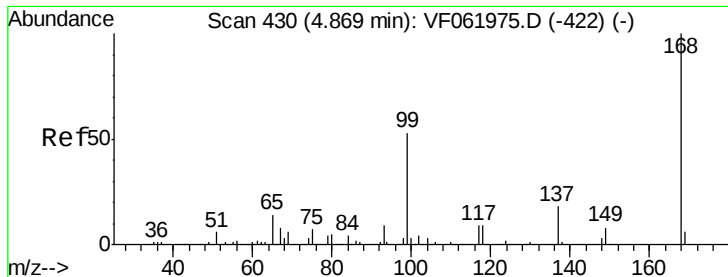
Instrument :
MSVOA_F
ClientSampleId :
SB-9(1-2)-031519RE

Manual Integrations
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Quant Time: Mar 22 07:10:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF062038.D

Acq: 20 Mar 2019 14:15

Instrument :

MSVOA_F

ClientSampleId :

SB-9(1-2)-031519RE

Tot Ion:168 Resp: 183931

Ion Ratio Lower Upper

168 100

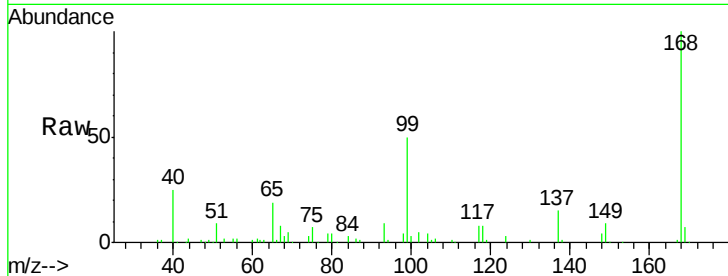
99 49.5 42.4 63.6

Manual Integrations

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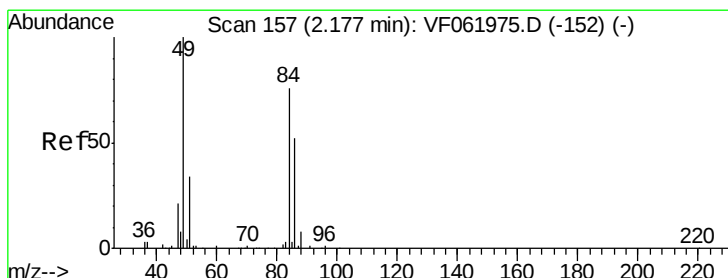
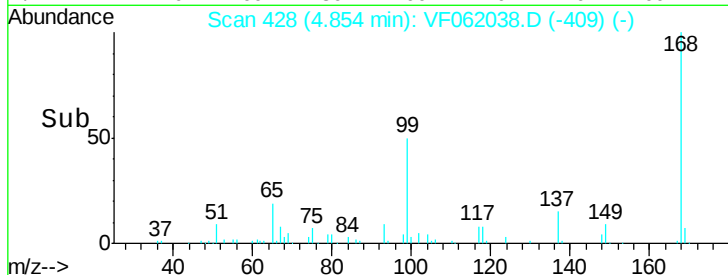
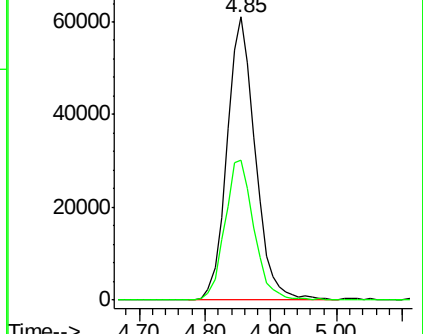
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Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 9.860 ug/l m

RT: 2.17 min Scan# 156

Delta R.T. -0.01 min

Lab File: VF062038.D

Acq: 20 Mar 2019 14:15

Tgt Ion: 84 Resp: 15092

Ion Ratio Lower Upper

84 100

49 110.5 107.0 160.6

51 42.4 37.2 55.8

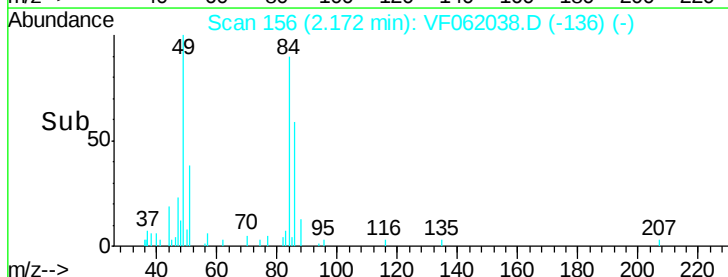
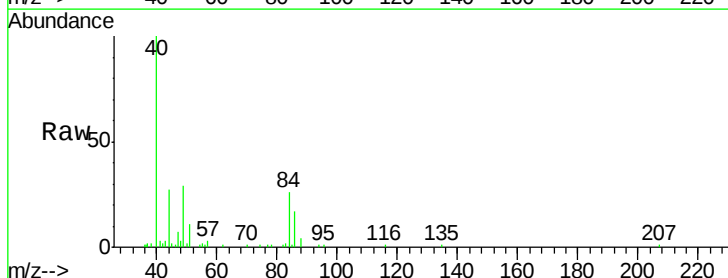
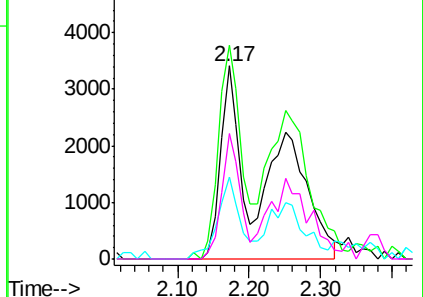
86 64.6 55.3 82.9

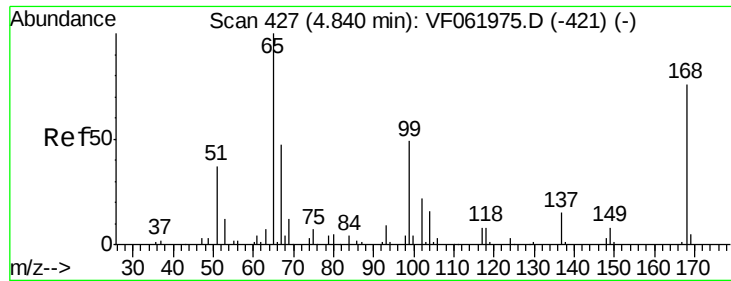
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





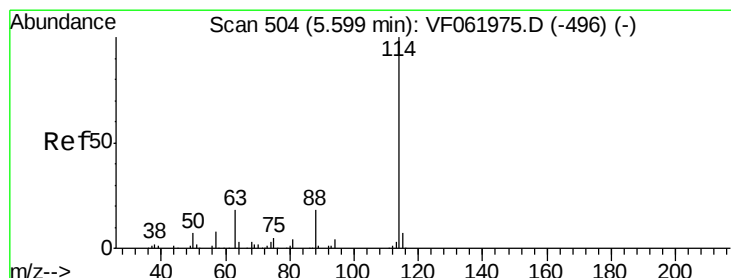
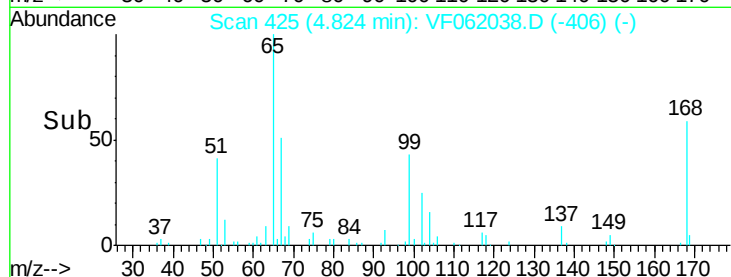
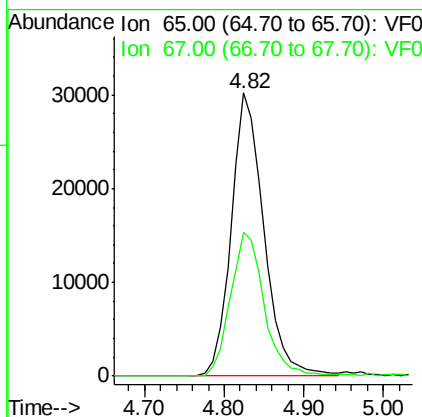
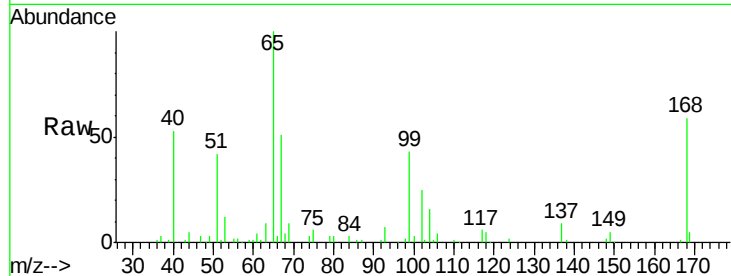
#33
 1,2-Dichloroethane-d4
 Concen: 65.115 ug/l
 RT: 4.82 min Scan# 425
 Delta R.T. -0.02 min
 Lab File: VF062038.D
 Acq: 20 Mar 2019 14:15

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9(1-2)-031519RE

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	109.4

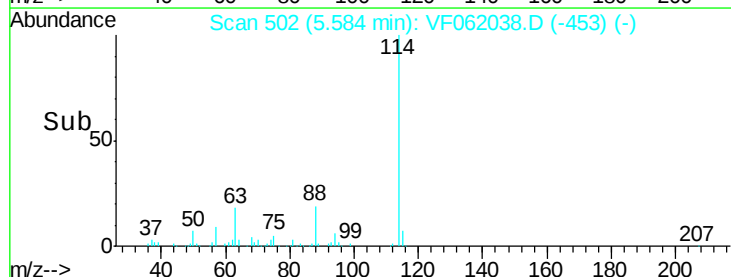
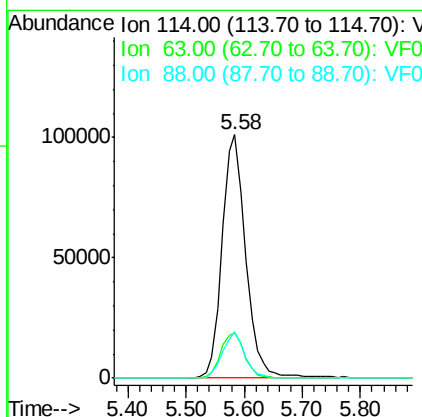
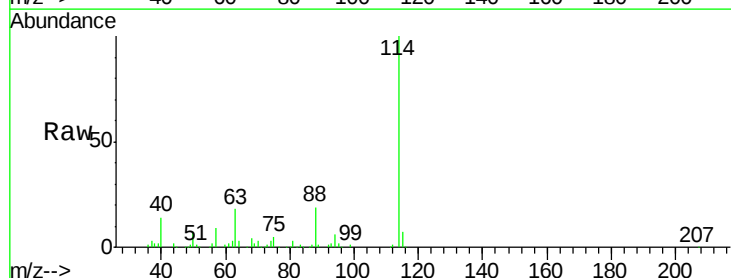
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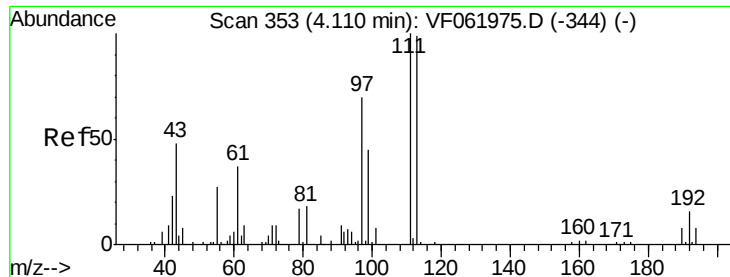
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.58 min Scan# 502
 Delta R.T. -0.02 min
 Lab File: VF062038.D
 Acq: 20 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.4
88	19.0	0.0	36.4





#35

Dibromofluoromethane

Concen: 66.595 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.02 min

Lab File: VF062038.D

Acq: 20 Mar 2019 14:15

Instrument :

MSVOA_F

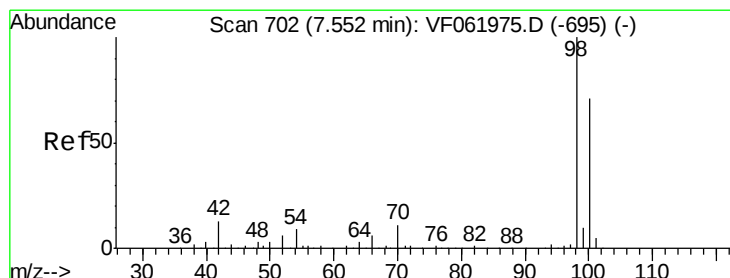
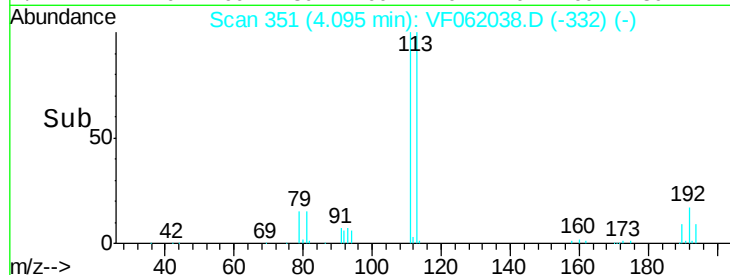
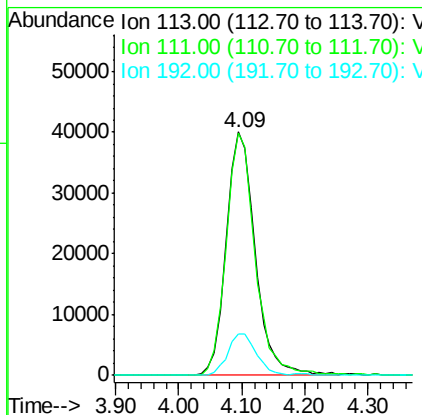
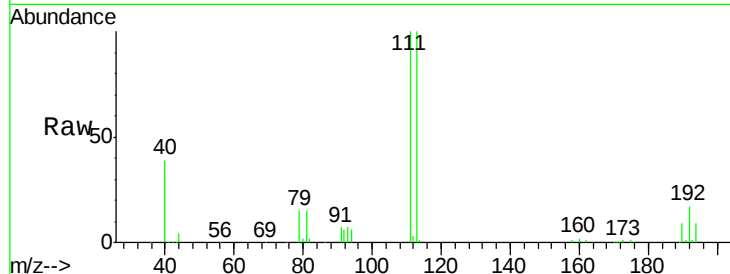
ClientSampleId :

SB-9(1-2)-031519RE

Tot Ion:	113	Resp:	127652
Ion Ratio	Lower	Upper	
113	100		
111	99.6	80.8	121.2
192	17.0	13.0	19.6

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#50

Toluene-d8

Concen: 47.729 ug/l

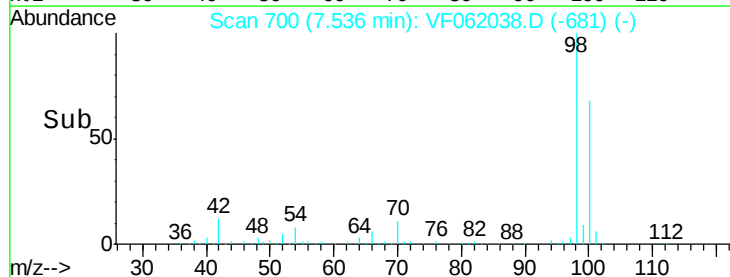
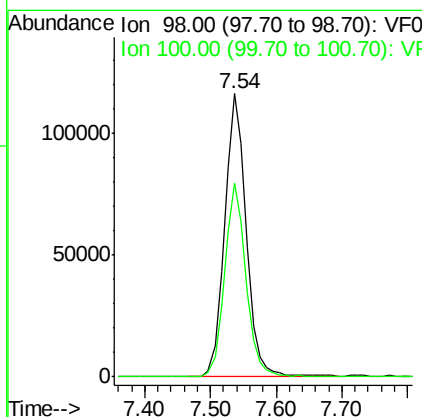
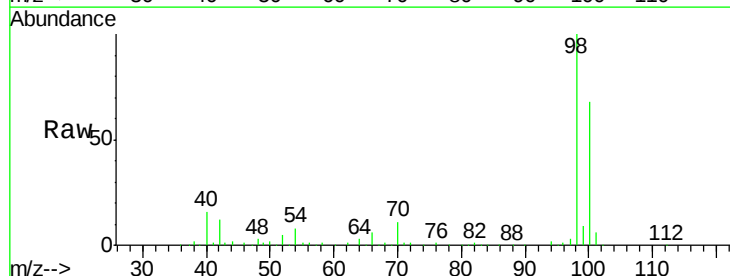
RT: 7.54 min Scan# 700

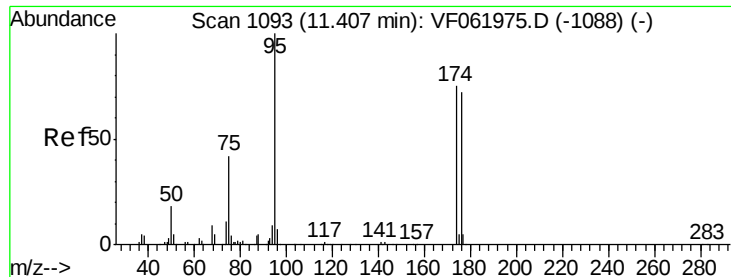
Delta R.T. -0.02 min

Lab File: VF062038.D

Acq: 20 Mar 2019 14:15

Tgt Ion:	98	Resp:	267448
Ion Ratio	Lower	Upper	
98	100		
100	68.4	56.8	85.2





#62

4-Bromofluorobenzene

Concen: 22.463 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF062038.D

Acq: 20 Mar 2019 14:15

Instrument :

MSVOA_F

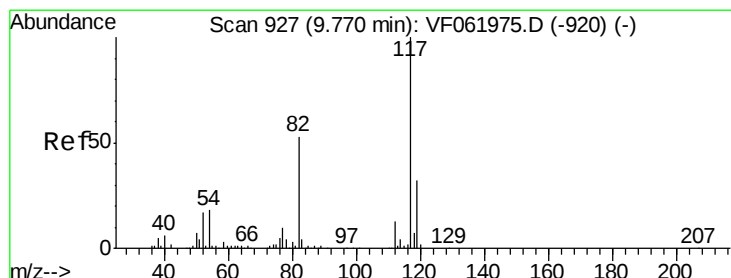
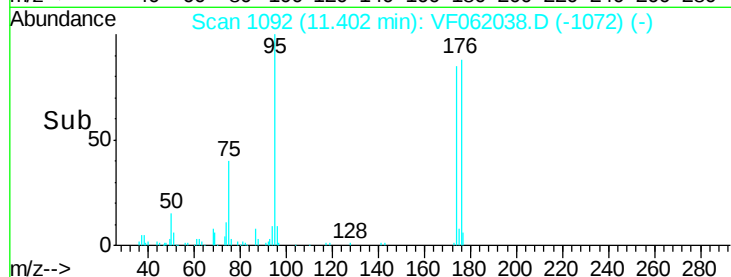
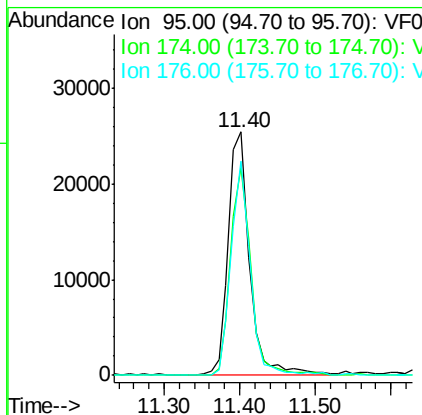
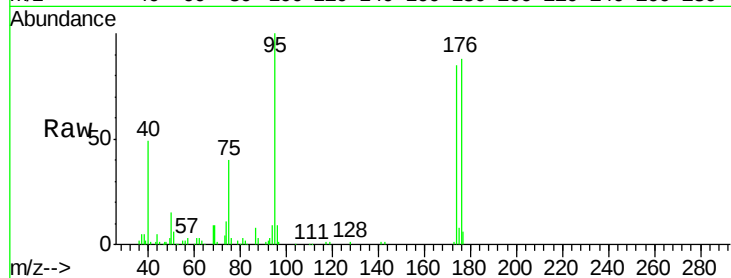
ClientSampleId :

SB-9(1-2)-031519RE

Tot Ion:	95	Resp:	50003
Ion Ratio	Lower	Upper	
95	100		
174	85.4	0.0	149.4
176	88.0	0.0	143.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

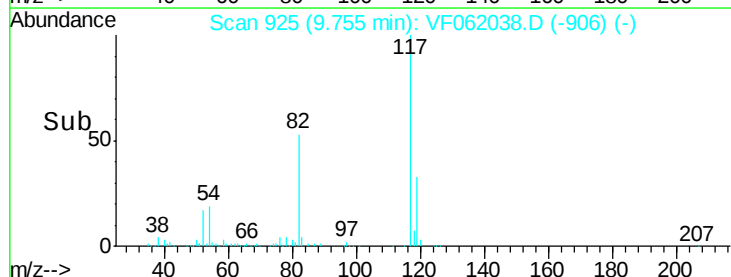
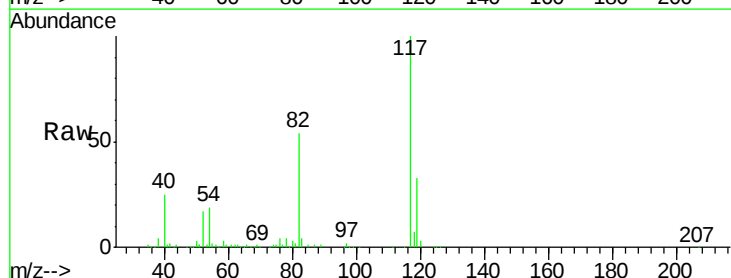
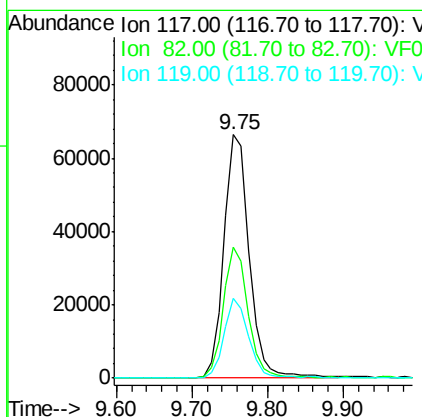
RT: 9.75 min Scan# 925

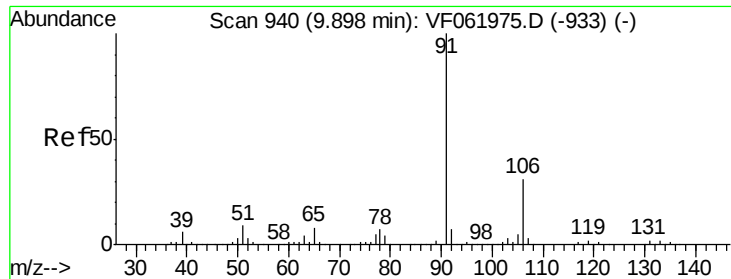
Delta R.T. -0.02 min

Lab File: VF062038.D

Acq: 20 Mar 2019 14:15

Tgt Ion:	117	Resp:	154308
Ion Ratio	Lower	Upper	
117	100		
82	53.6	42.5	63.7
119	32.6	25.4	38.0





#67

Ethyl Benzene

Concen: 6.794 ug/l

RT: 9.88 min Scan# 938

Delta R.T. -0.02 min

Lab File: VF062038.D

Acq: 20 Mar 2019 14:15

Instrument :

MSVOA_F

ClientSampleId :

SB-9(1-2)-031519RE

Tot Ion: 91 Resp: 33421

Ion Ratio Lower Upper

91 100

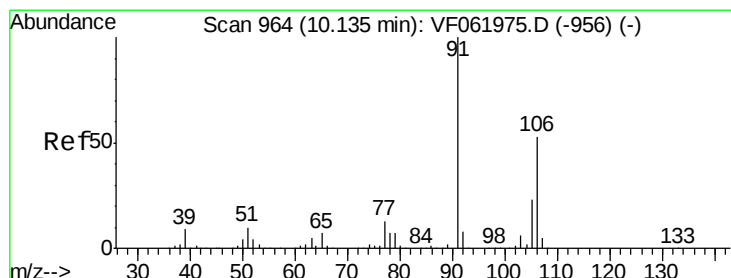
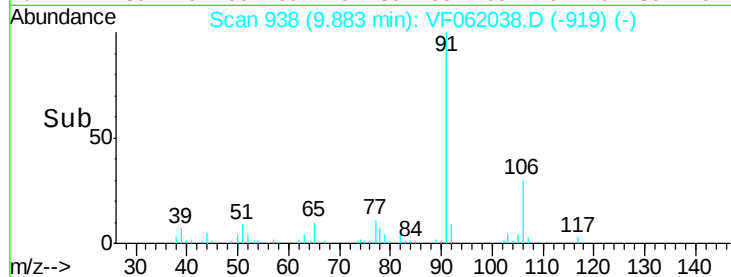
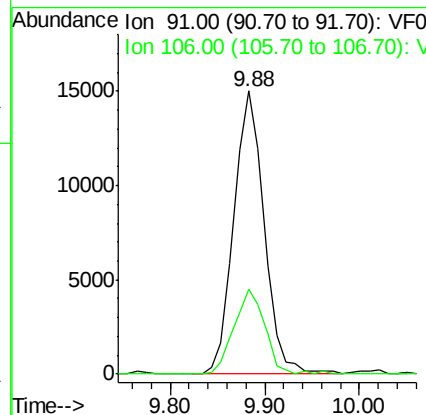
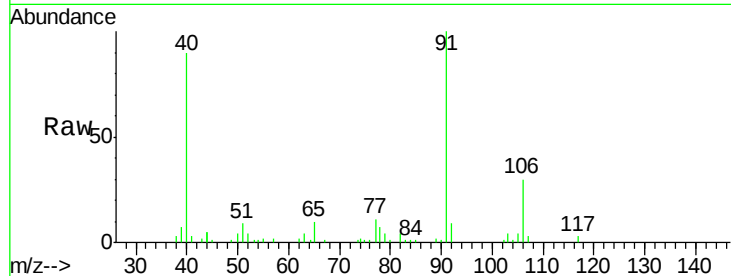
106 29.9 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 30.999 ug/l

RT: 10.11 min Scan# 961

Delta R.T. -0.03 min

Lab File: VF062038.D

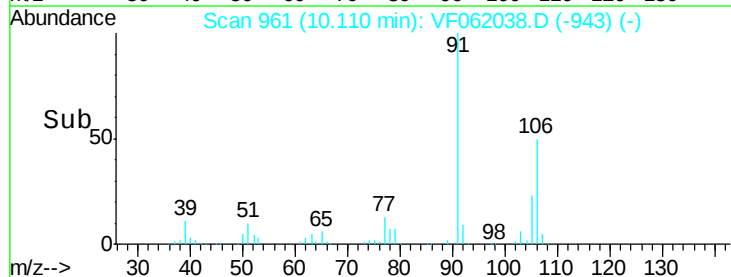
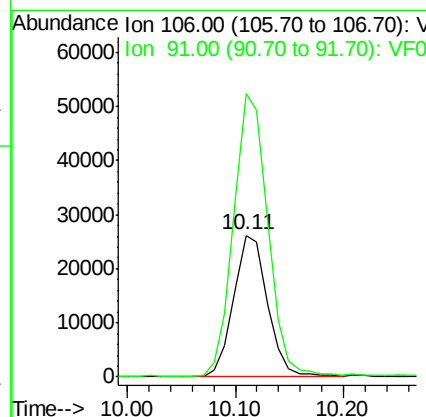
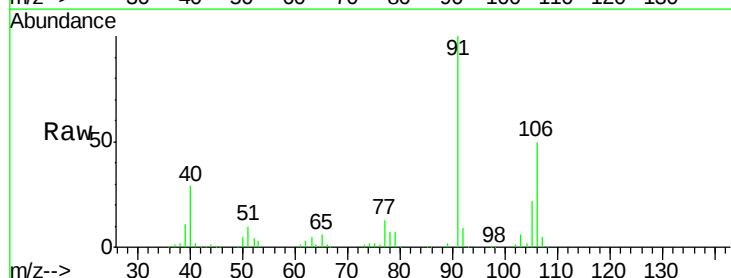
Acq: 20 Mar 2019 14:15

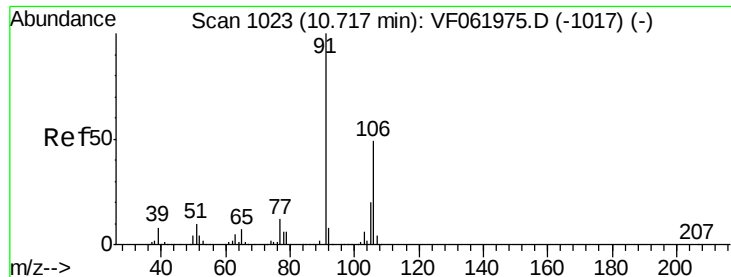
Tgt Ion: 106 Resp: 57352

Ion Ratio Lower Upper

106 100

91 200.2 151.9 227.9





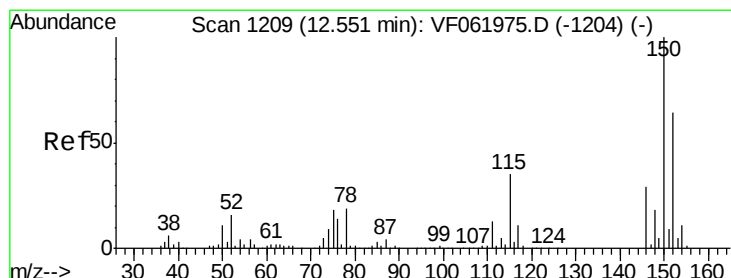
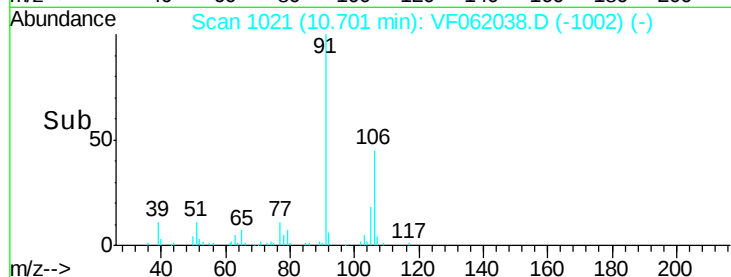
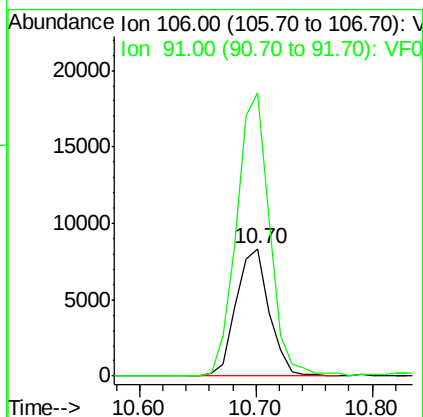
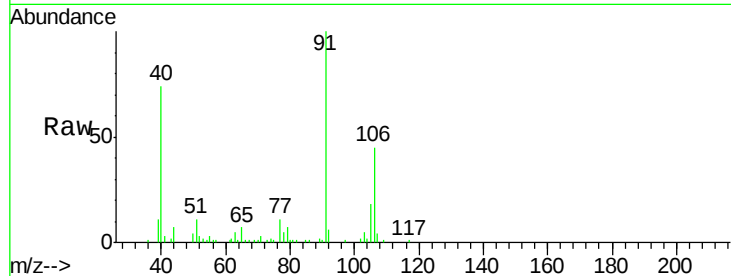
#69
o-Xylene
Concen: 8.335 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.02 min
Lab File: VF062038.D
Acq: 20 Mar 2019 14:15

Instrument :
MSVOA_F
ClientSampleId :
SB-9(1-2)-031519RE

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.9	102.3	306.8

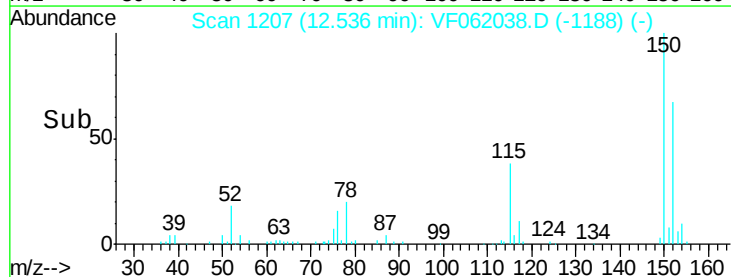
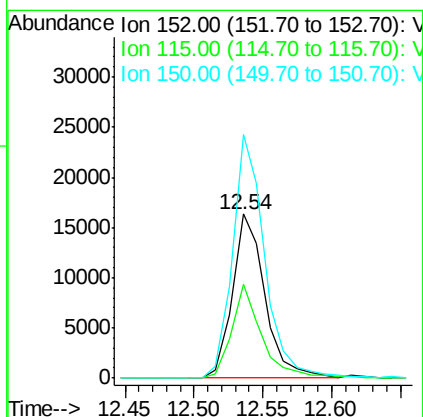
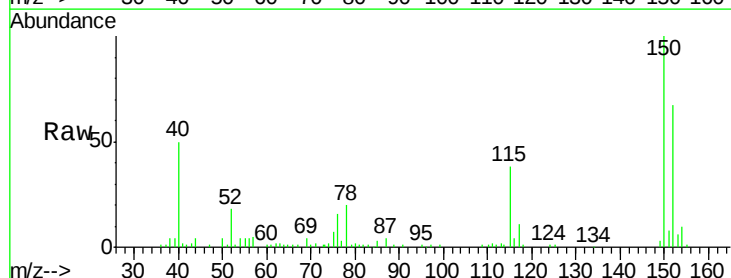
Manual Integrations
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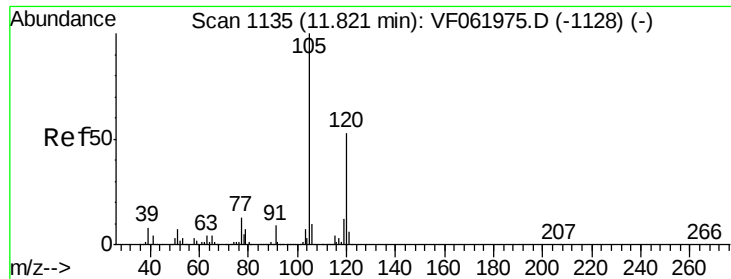
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1207
Delta R.T. -0.02 min
Lab File: VF062038.D
Acq: 20 Mar 2019 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	27.3	81.9
150	148.4	0.0	316.2





#80

1,3,5-Trimethylbenzene

Concen: 1.558 ug/l

RT: 11.82 min Scan# 1134

Delta R.T. -0.01 min

Lab File: VF062038.D

Acq: 20 Mar 2019 14:15

Instrument :

MSVOA_F

ClientSampleId :

SB-9(1-2)-031519RE

Tot Ion:105 Resp: 2334

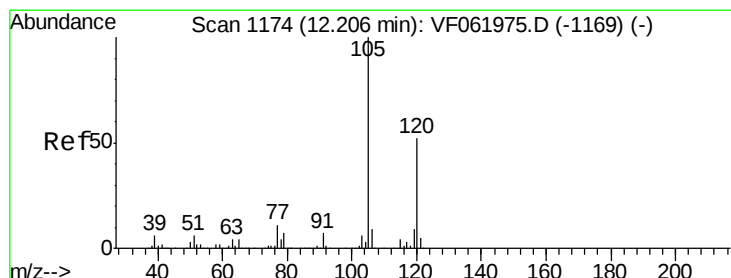
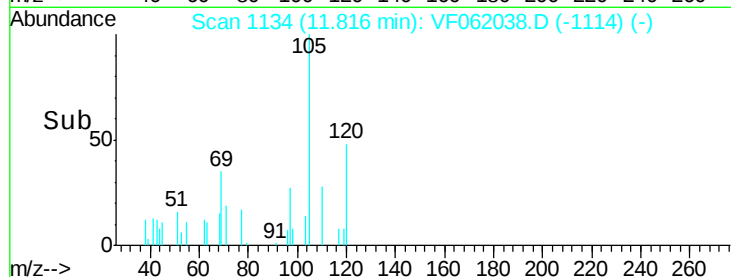
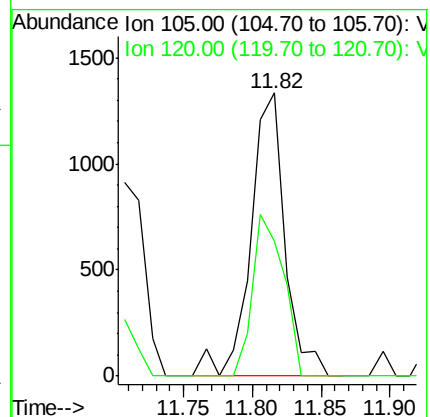
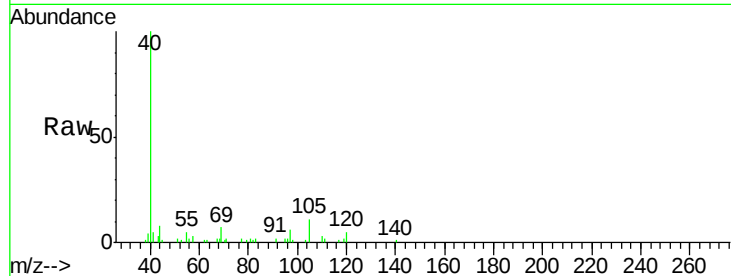
Ion Ratio Lower Upper

105 100

120 47.9 26.6 79.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 2.759 ug/l

RT: 12.19 min Scan# 1172

Delta R.T. -0.02 min

Lab File: VF062038.D

Acq: 20 Mar 2019 14:15

Tgt Ion:105 Resp: 4139

Ion Ratio Lower Upper

105 100

120 48.1 25.9 77.8

