

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062213.D
 Acq On : 18 Apr 2019 19:06
 Operator : FY/SY
 Sample : K2193-07
 Misc : 6.15u/5mL/MSVOA F/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-041719-A

Manual Integrations
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 4/19/2019 10:52:33 AM

Quant Time: Apr 19 03:20:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 07:43:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	398997	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	593137	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	405313	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	204244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	184067	50.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.62%	
35) Dibromofluoromethane	4.30	113	244304	47.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.18%	
50) Toluene-d8	7.70	98	528793	40.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.52%	
62) 4-Bromofluorobenzene	11.49	95	216810	42.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.82%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.03	91	26462	1.684	ug/l	93
68) m/p-Xylenes	10.26	106	17225	2.977	ug/l	96
69) o-Xylene	10.82	106	58956	9.179	ug/l	100
73) Isopropylbenzene	11.21	105	20215	1.152	ug/l	95
78) n-propylbenzene	11.67	91	88280	4.770	ug/l	98
80) 1,3,5-Trimethylbenzene	11.89	105	281011	19.231	ug/l	96
84) 1,2,4-Trimethylbenzene	12.27	105	166228	11.755	ug/l	96
85) sec-Butylbenzene	12.37	105	51494	2.625	ug/l	82
86) p-Isopropyltoluene	12.52	119	45644m	2.743	ug/l	
89) n-Butylbenzene	12.90	91	137738	5.438	ug/l #	40

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

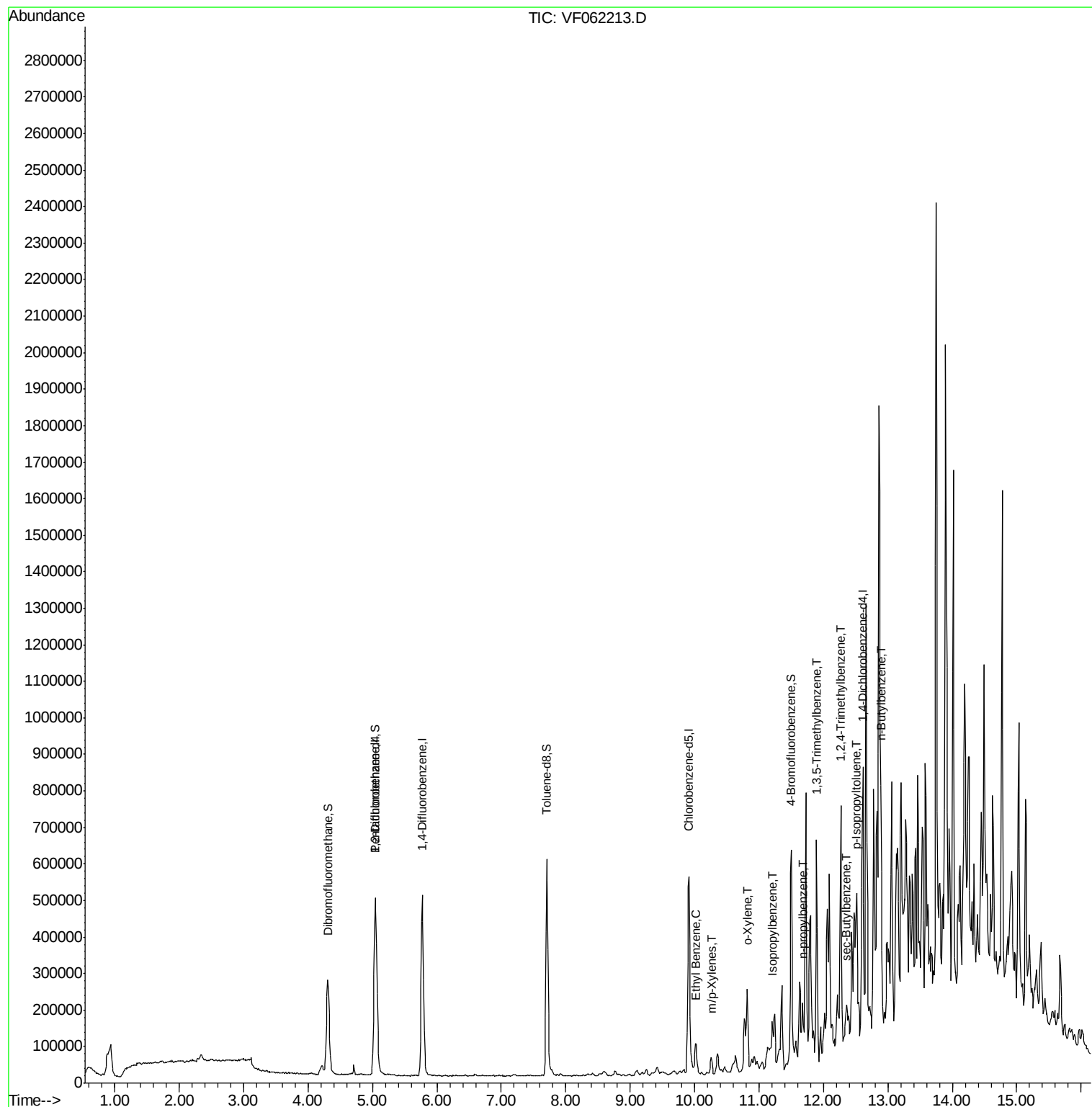
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041819\
Data File : VF062213.D
Acq On : 18 Apr 2019 19:06
Operator : FY/SY
Sample : K2193-07
Misc : 6.15g/5mL/MSVOA F/SOIL
ALS Vial : 17 Sample Multiplier: 1

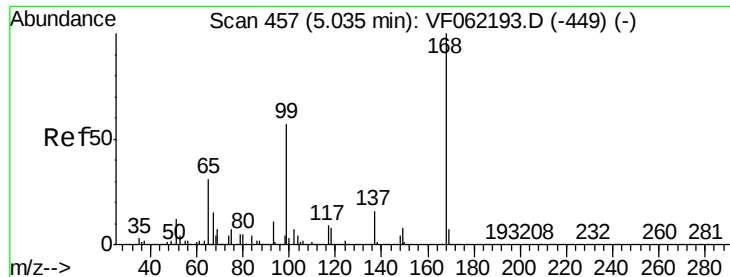
Instrument :
MSVOA_F
ClientSampleId :
HR-05-041719-A

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Quant Time: Apr 19 03:20:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 07:43:02 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.02 min

Lab File: VF062213.D

Acq: 18 Apr 2019 19:06

Instrument :

MSVOA_F

ClientSampleId :

HR-05-041719-A

Tot Ion:168 Resp: 398997

Ion Ratio Lower Upper

168 100

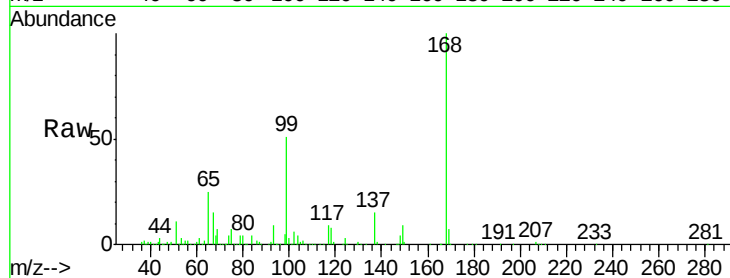
99 51.1 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.05

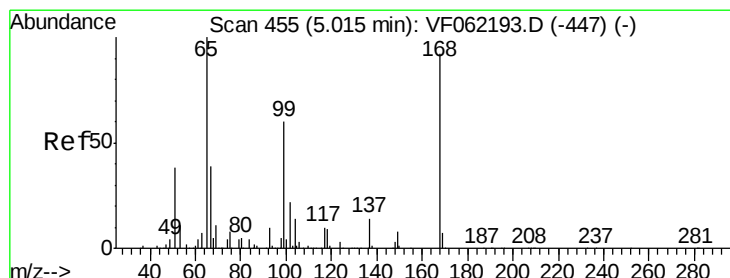
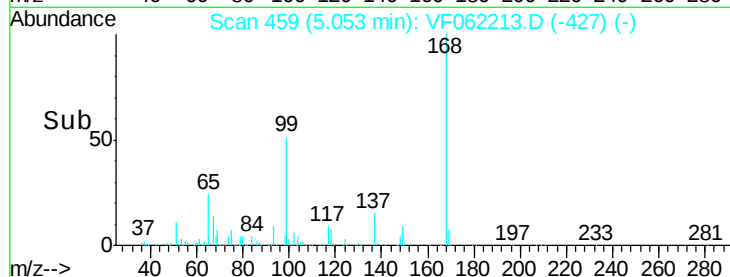
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.311 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062213.D

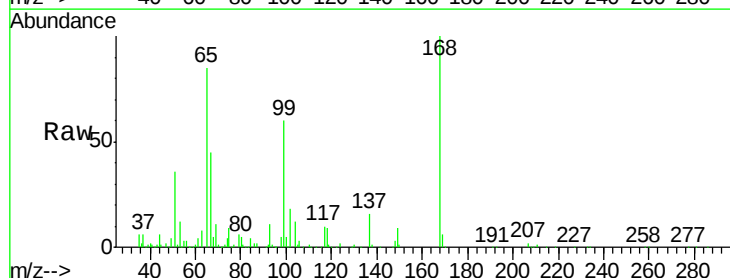
Acq: 18 Apr 2019 19:06

Tgt Ion: 65 Resp: 184067

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.03

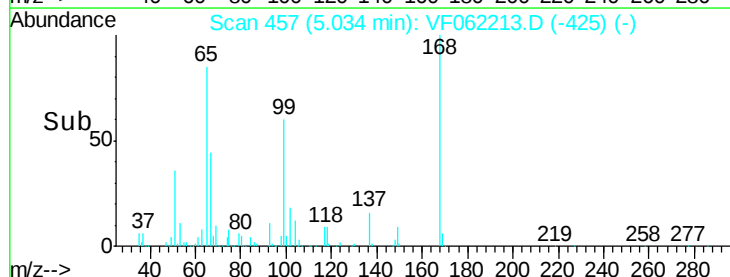
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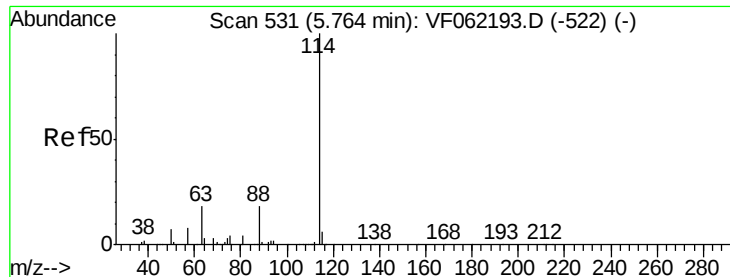
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20000

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Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.77 min Scan# 532

Delta R.T. 0.01 min

Lab File: VF062213.D

Acq: 18 Apr 2019 19:06

Instrument :

MSVOA_F

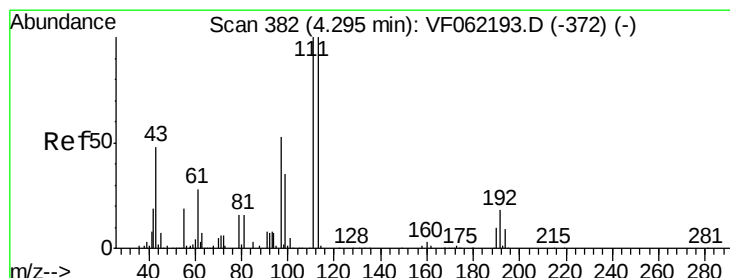
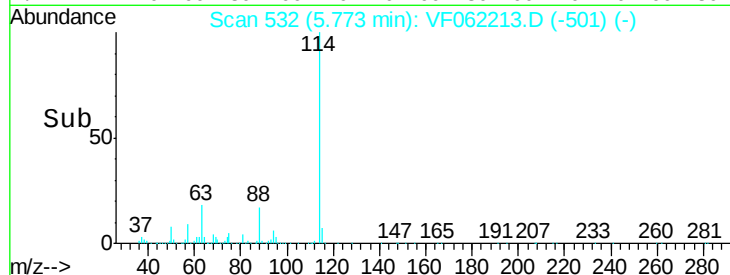
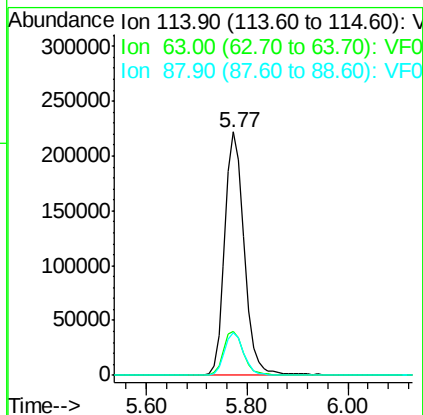
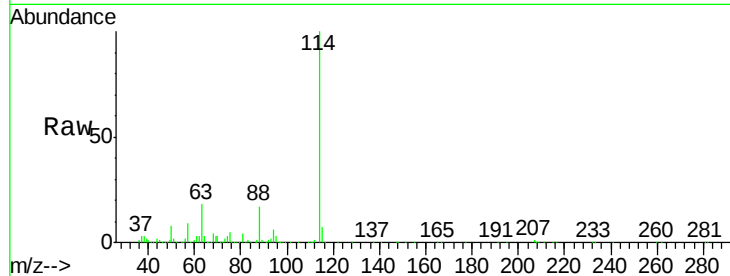
ClientSampleId :

HR-05-041719-A

Tot Ion:	114	Resp:	593137
Ion Ratio		Lower	Upper
114	100		
63	18.3	0.0	36.6
88	17.4	0.0	35.8

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#35

Dibromofluoromethane

Concen: 47.087 ug/l

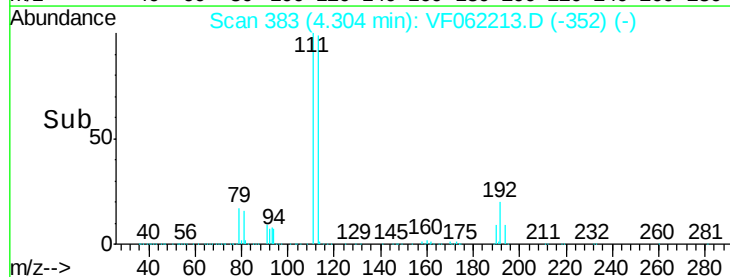
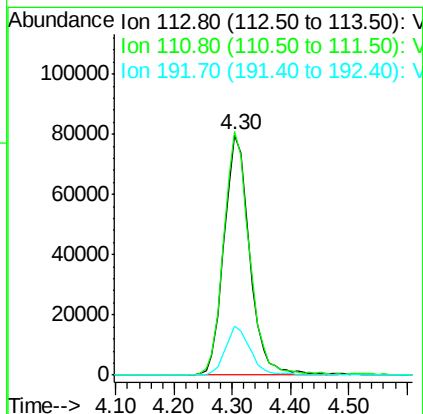
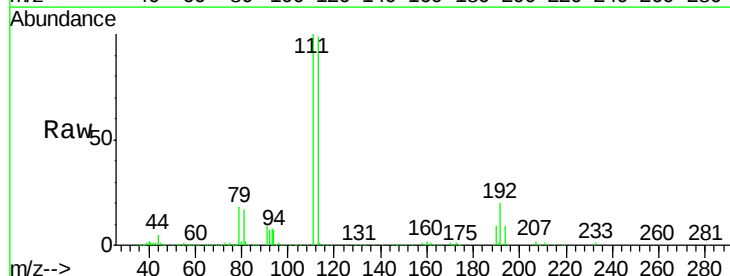
RT: 4.30 min Scan# 383

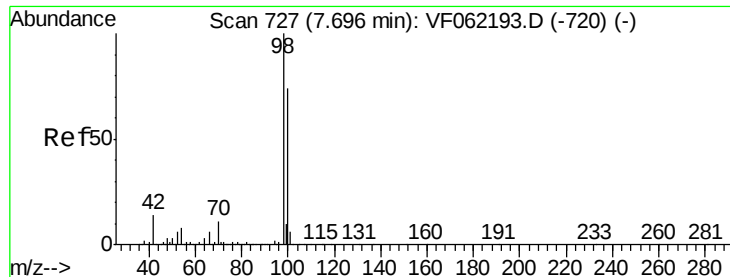
Delta R.T. 0.01 min

Lab File: VF062213.D

Acq: 18 Apr 2019 19:06

Tgt Ion:	113	Resp:	244304
Ion Ratio		Lower	Upper
113	100		
111	100.7	81.1	121.7
192	19.9	14.7	22.1





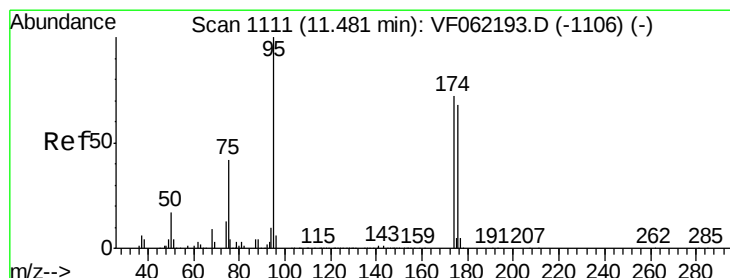
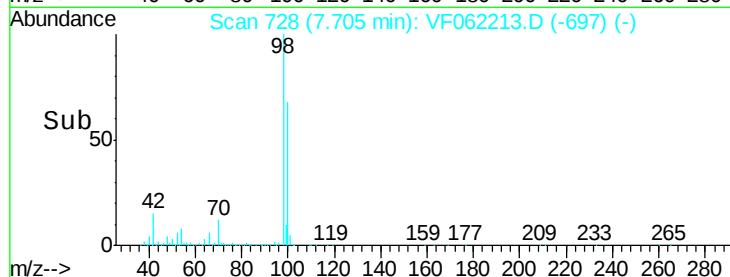
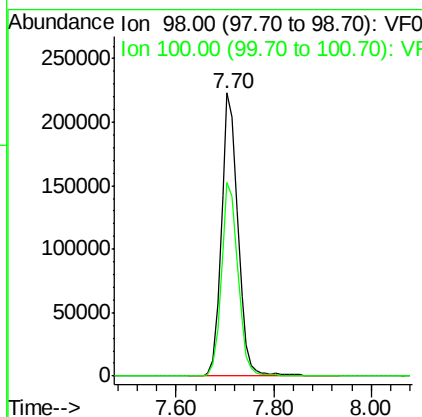
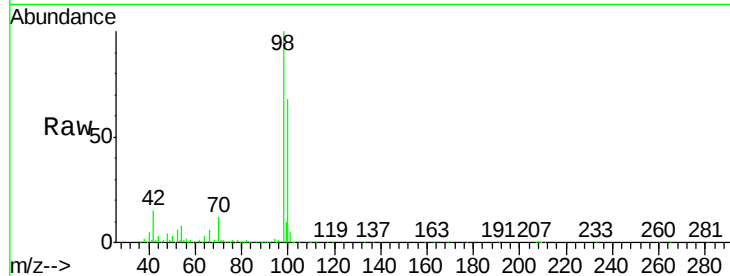
#50
Toluene-d8
Concen: 40.262 ug/l
RT: 7.70 min Scan# 728
Delta R.T. 0.01 min
Lab File: VF062213.D
Acq: 18 Apr 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :
HR-05-041719-A

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	68.3	56.2	84.2	

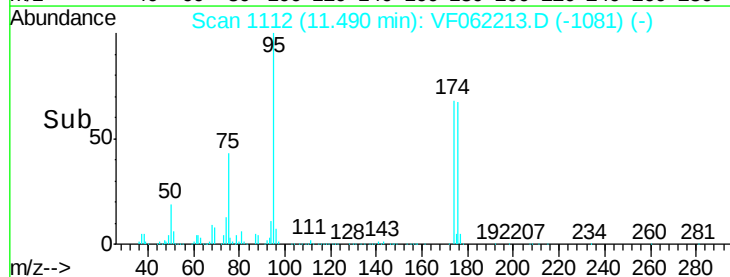
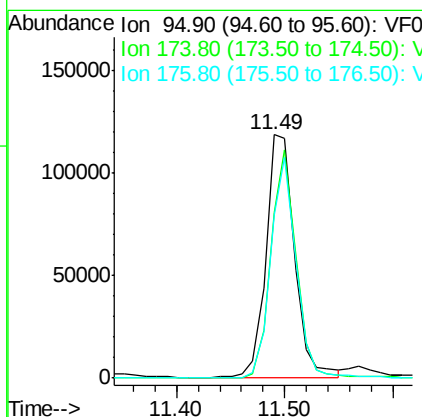
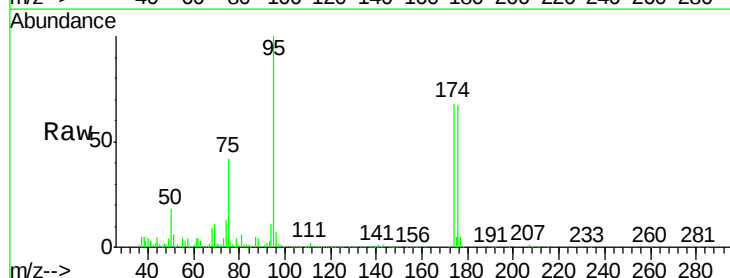
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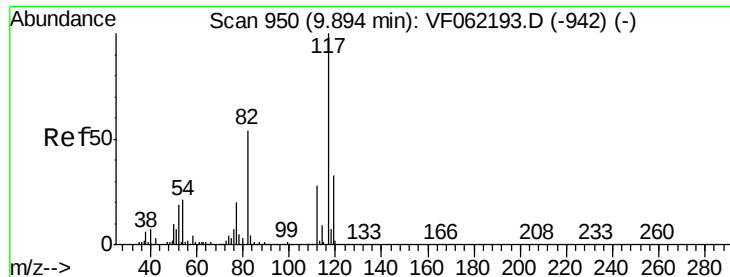
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#62
4-Bromofluorobenzene
Concen: 42.912 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062213.D
Acq: 18 Apr 2019 19:06

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
174	83.8	0.0	159.4	
176	81.6	0.0	155.4	





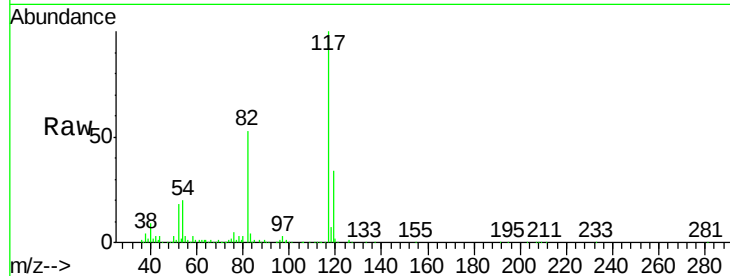
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062213.D
Acq: 18 Apr 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :
HR-05-041719-A

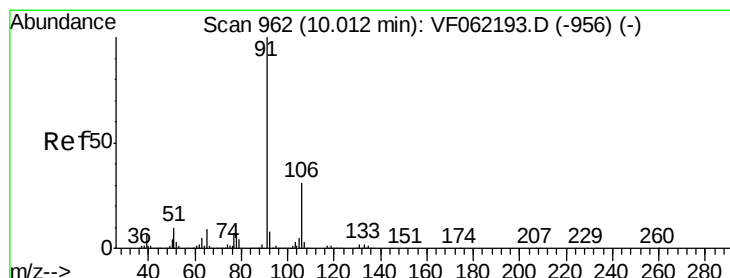
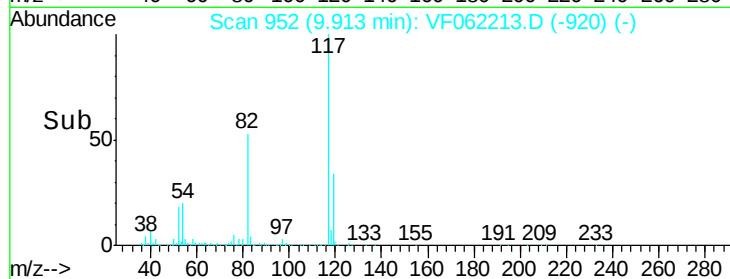
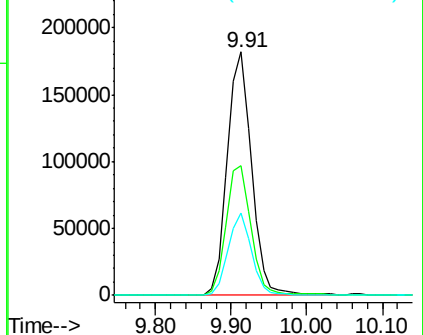
Tot Ion	Ratio	Resp	Lower	Upper
117	100	405313		
82	52.9		43.2	64.8
119	33.7		26.2	39.4

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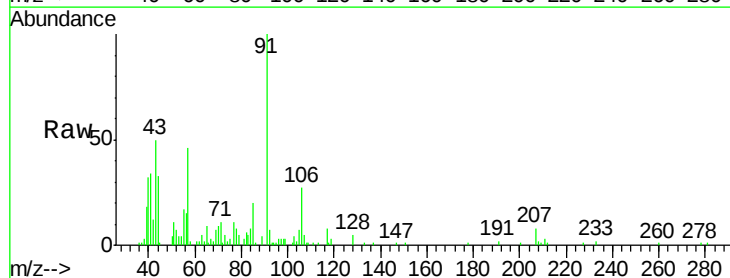


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 118.90 (118.60 to 119.60): V

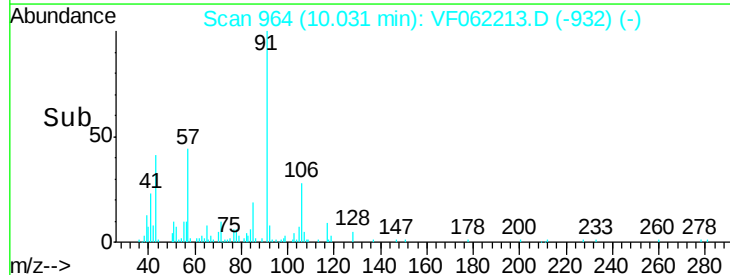
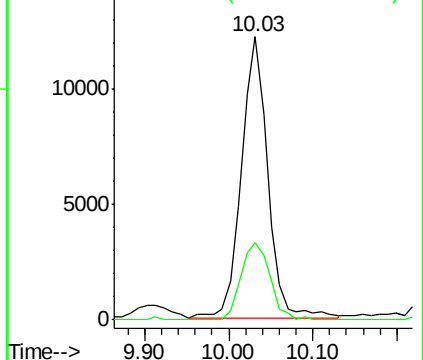


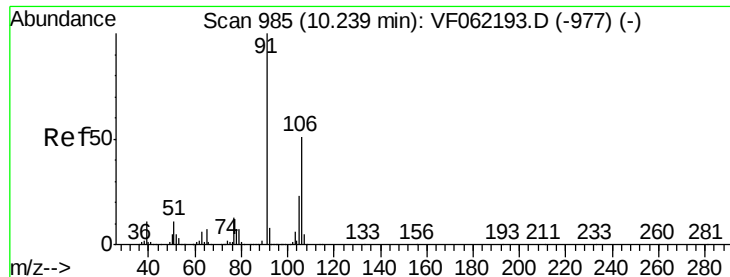
#67
Ethyl Benzene
Concen: 1.684 ug/l
RT: 10.03 min Scan# 964
Delta R.T. 0.02 min
Lab File: VF062213.D
Acq: 18 Apr 2019 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	26462		
106	27.4		24.9	37.3



Abundance Ion 91.00 (90.70 to 91.70): VF0
Ion 106.00 (105.70 to 106.70): V





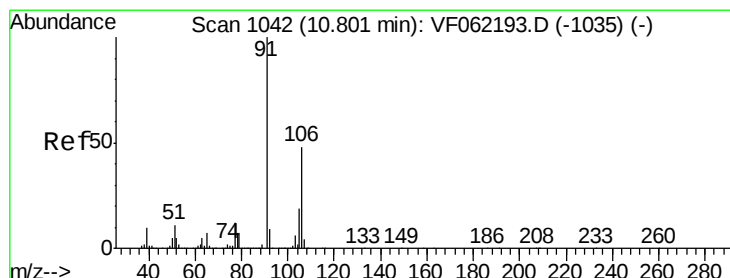
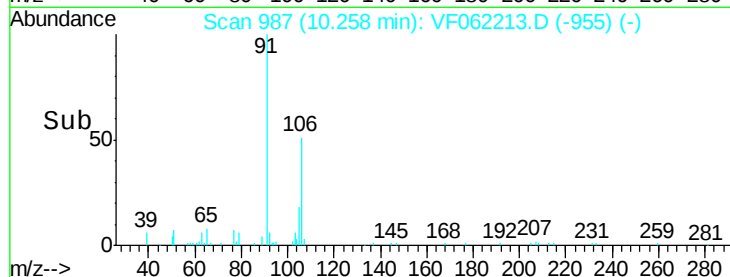
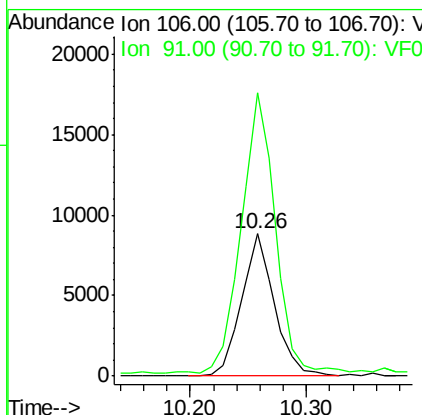
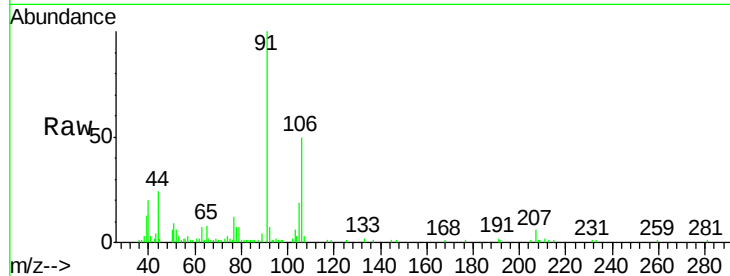
#68
m/p-Xylenes
Concen: 2.977 ug/l
RT: 10.26 min Scan# 987
Delta R.T. 0.02 min
Lab File: VF062213.D
Acq: 18 Apr 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :
HR-05-041719-A

Tot Ion:106 Resp: 17225
Ion Ratio Lower Upper
106 100
91 204.2 159.1 238.7

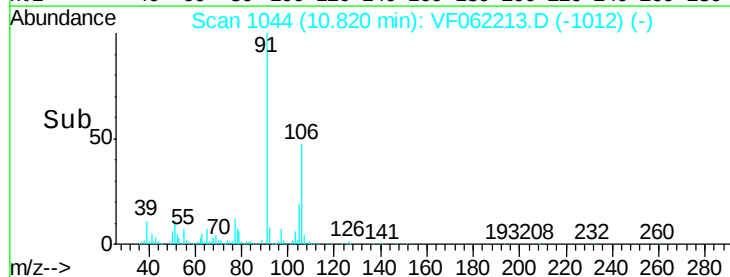
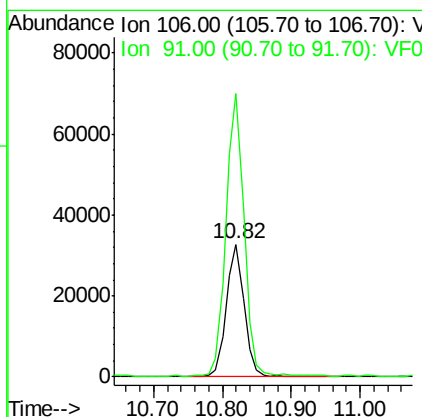
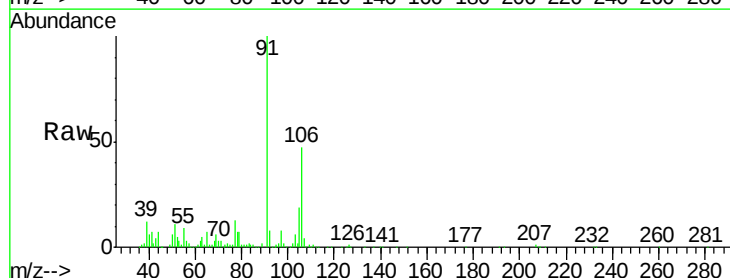
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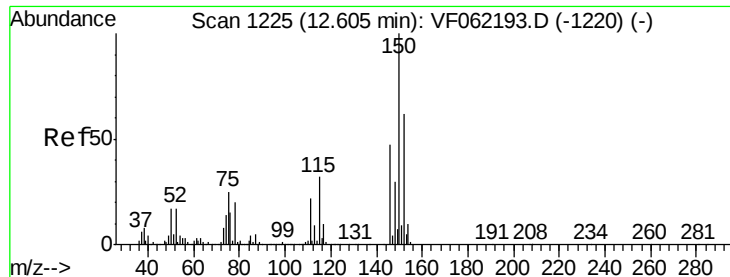
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#69
o-Xylene
Concen: 9.179 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. 0.02 min
Lab File: VF062213.D
Acq: 18 Apr 2019 19:06

Tgt Ion:106 Resp: 58956
Ion Ratio Lower Upper
106 100
91 215.2 107.5 322.4





#72

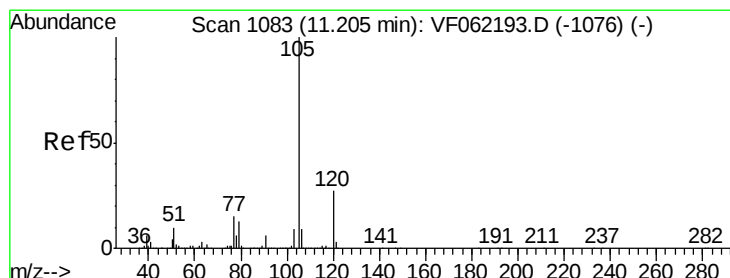
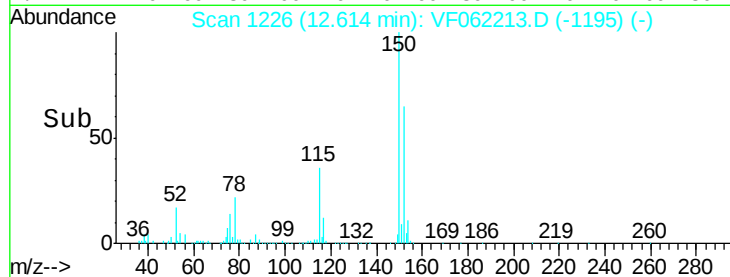
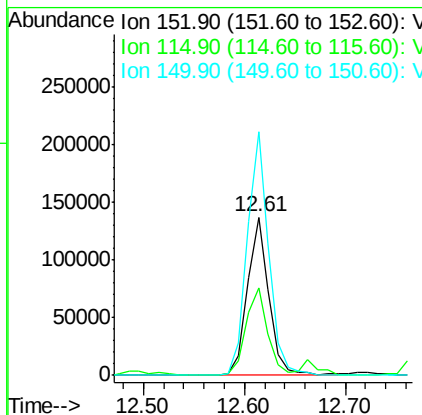
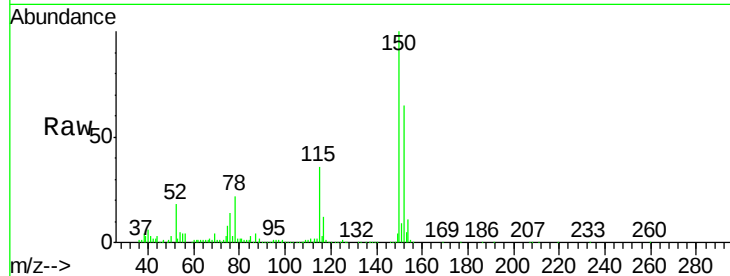
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062213.D
Acq: 18 Apr 2019 19:06

Instrument :
MSVOA_F
ClientSampleId :
HR-05-041719-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.3
150	155.1	0.0	341.8

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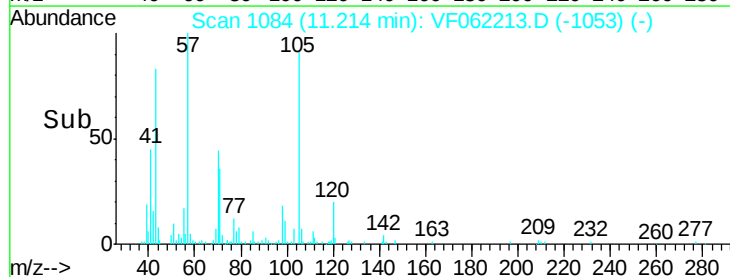
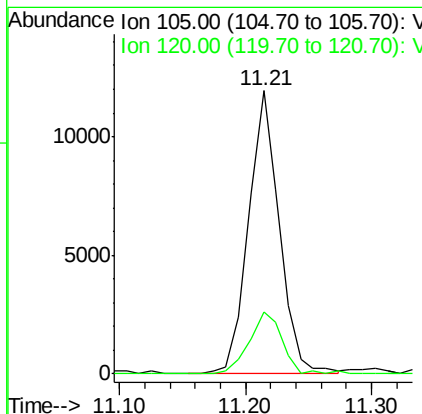
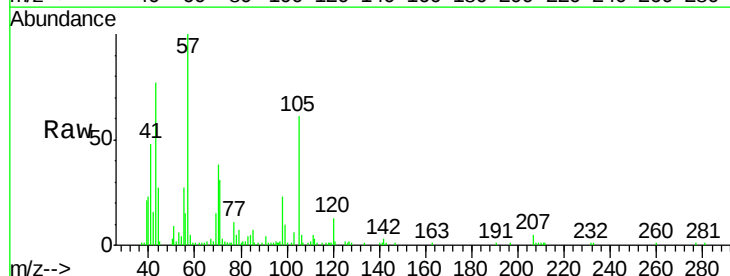
MMDadoda
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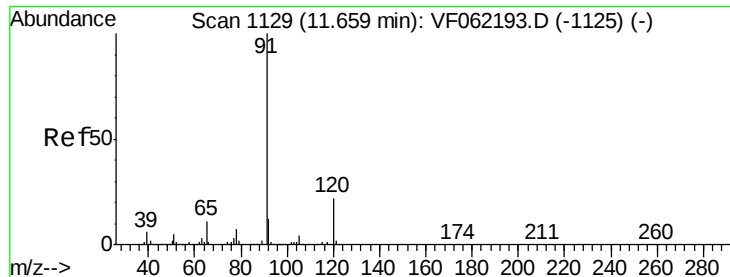


#73

Isopropylbenzene
Concen: 1.152 ug/l
RT: 11.21 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VF062213.D
Acq: 18 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	23.4	13.0	38.9





#78

n-propylbenzene

Concen: 4.770 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VF062213.D

Acq: 18 Apr 2019 19:06

Instrument :

MSVOA_F

ClientSampleId :

HR-05-041719-A

Tot Ion: 91 Resp: 88280

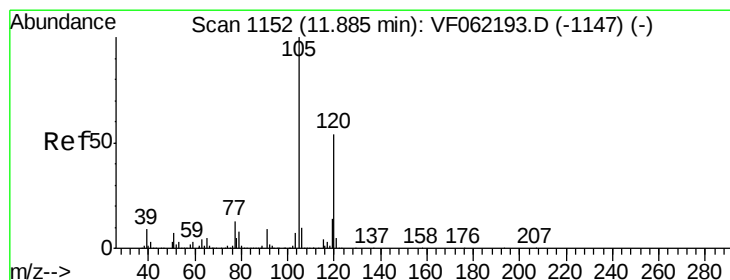
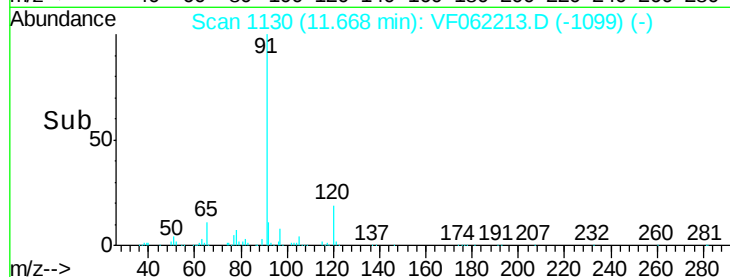
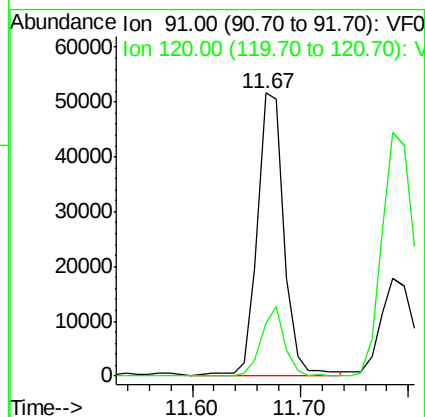
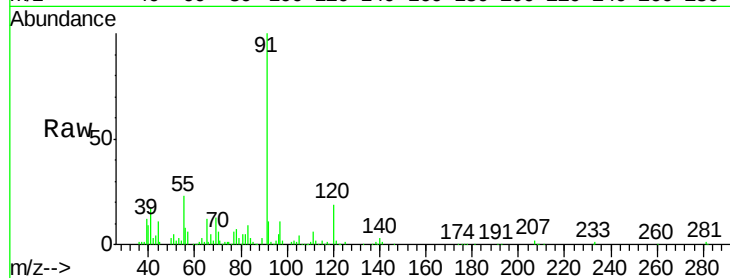
Ion Ratio Lower Upper

91 100

120 21.2 11.2 33.6

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#80

1,3,5-Trimethylbenzene

Concen: 19.231 ug/l

RT: 11.89 min Scan# 1153

Delta R.T. 0.01 min

Lab File: VF062213.D

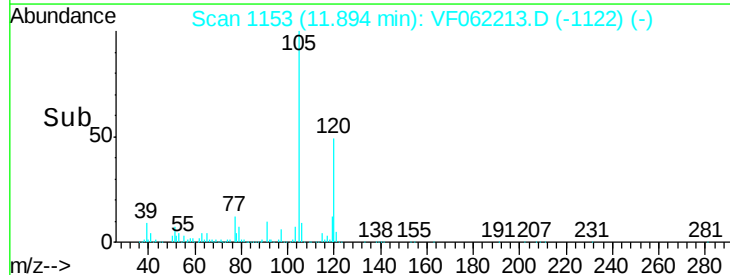
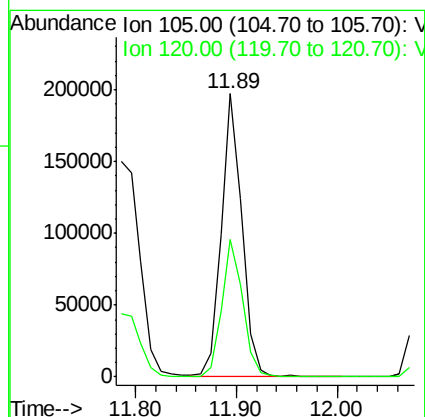
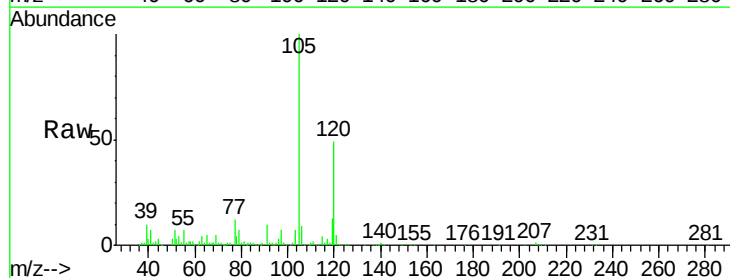
Acq: 18 Apr 2019 19:06

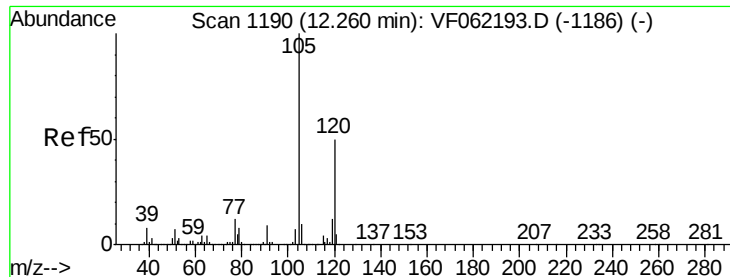
Tgt Ion: 105 Resp: 281011

Ion Ratio Lower Upper

105 100

120 49.5 26.2 78.5





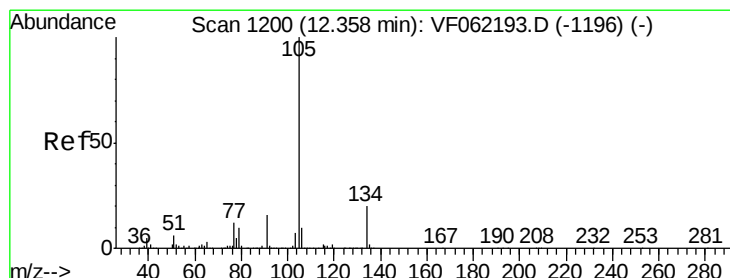
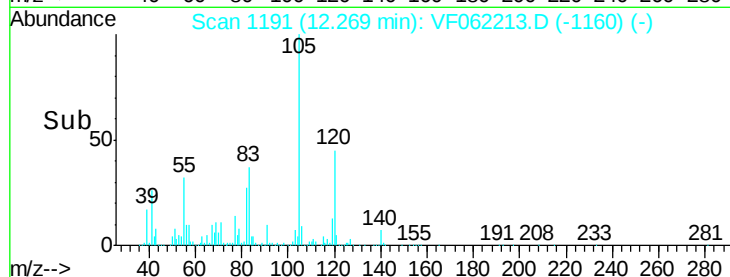
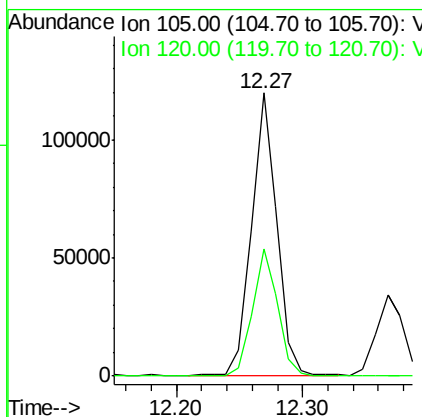
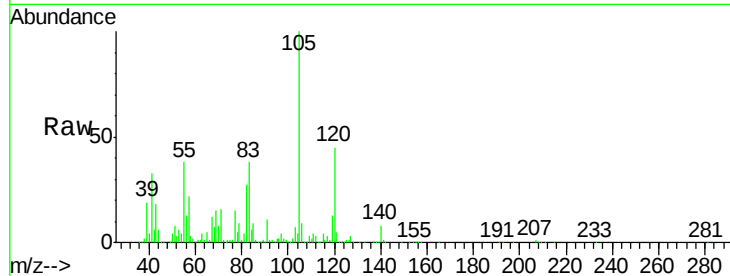
#84
 1,2,4-Trimethylbenzene
 Concen: 11.755 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VF062213.D
 Acq: 18 Apr 2019 19:06

Instrument :
 MSVOA_F
 ClientSampleId :
 HR-05-041719-A

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.2	24.0	72.0

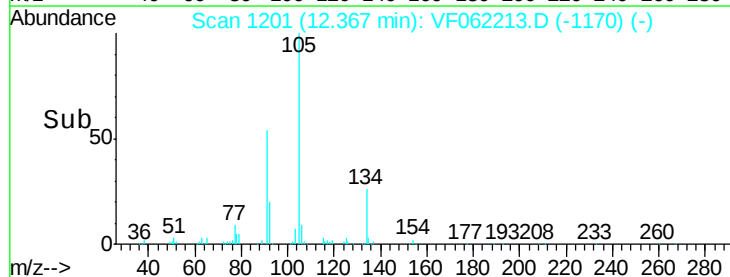
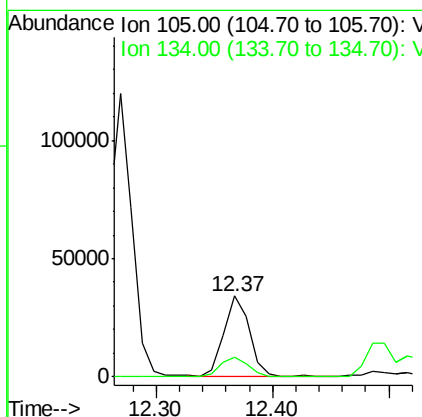
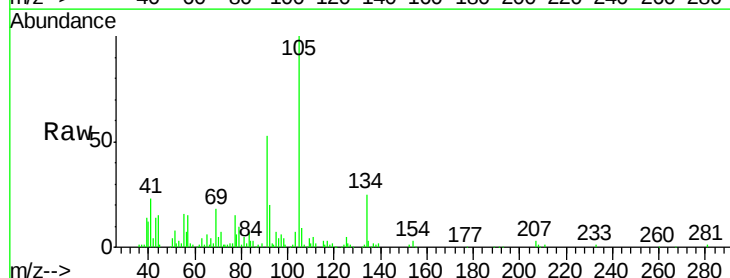
Manual Integrations
 APPROVED

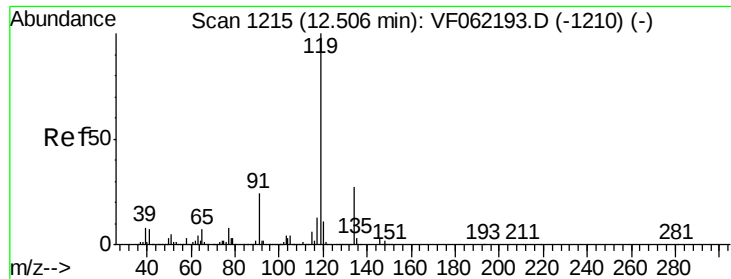
MMDadoda
 4/19/2019 10:52:33 AM



#85
 sec-Butylbenzene
 Concen: 2.625 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: VF062213.D
 Acq: 18 Apr 2019 19:06

Tgt Ion	Ratio	Lower	Upper
105	100		
134	27.6	9.7	29.1





#86

p-Isopropyltoluene

Concen: 2.743 ug/l m

RT: 12.52 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VF062213.D

Acq: 18 Apr 2019 19:06

Instrument :

MSVOA_F

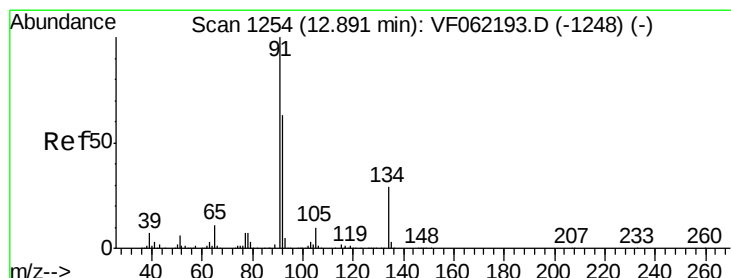
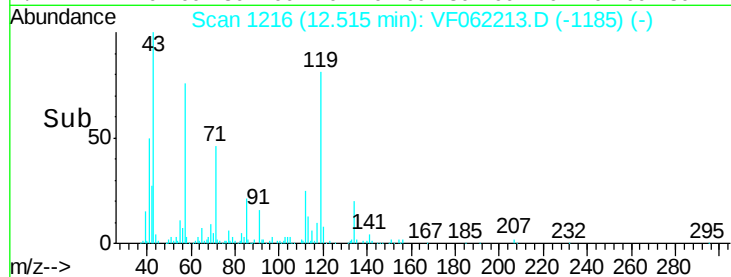
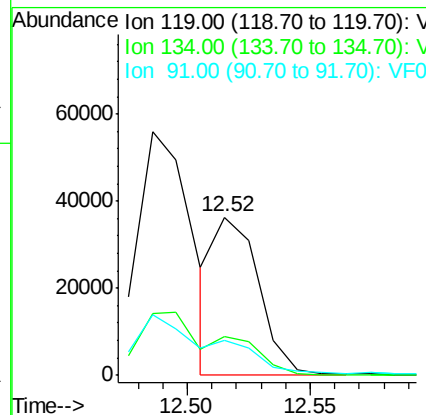
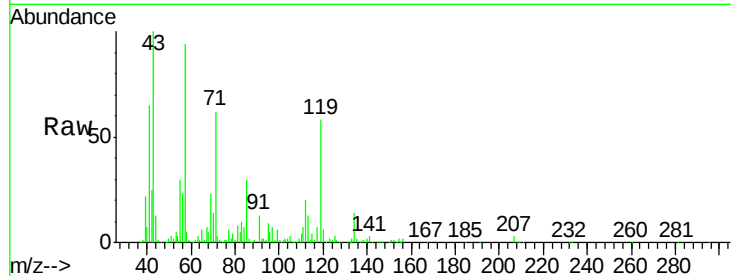
ClientSampleId :

HR-05-041719-A

Tot Ion:	119	Resp:	45644
Ion Ratio	Lower	Upper	
119	100		
134	76.9	13.2	39.5#
91	68.1	11.7	35.1#

Manual Integrations
APPROVED

MMDadoda
4/19/2019 10:52:33 AM



#89

n-Butylbenzene

Concen: 5.438 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062213.D

Acq: 18 Apr 2019 19:06

Tgt Ion:	91	Resp:	137738
Ion Ratio	Lower	Upper	
91	100		
92	40.2	31.2	93.6
134	94.8	13.1	39.1#

