

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062214.D
 Acq On : 18 Apr 2019 19:35
 Operator : FY/SY
 Sample : K2193-09
 Misc : 7.15g/5mL/MSVOA F/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
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 4/19/2019 10:52:39 AM

Quant Time: Apr 19 03:25:08 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	391185	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.77	114	590947	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	398153	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	224009	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	176515	49.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	98.42%	
35) Dibromofluoromethane	4.30	113	230972	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
50) Toluene-d8	7.72	98	516445	39.47	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.94%	
62) 4-Bromofluorobenzene	11.49	95	211906	42.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.20%	
Target Compounds						
67) Ethyl Benzene	10.03	91	29562	1.915	ug/l	97
68) m/p-Xylenes	10.26	106	8718	1.534	ug/l	93
69) o-Xylene	10.82	106	53167	8.426	ug/l	97
78) n-propylbenzene	11.67	91	52540	2.588	ug/l	97
80) 1,3,5-Trimethylbenzene	11.89	105	275883	17.214	ug/l	98
84) 1,2,4-Trimethylbenzene	12.27	105	28798	1.857	ug/l	99
85) sec-Butylbenzene	12.37	105	28980	1.347	ug/l #	77
86) p-Isopropyltoluene	12.52	119	42350m	2.320	ug/l	

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

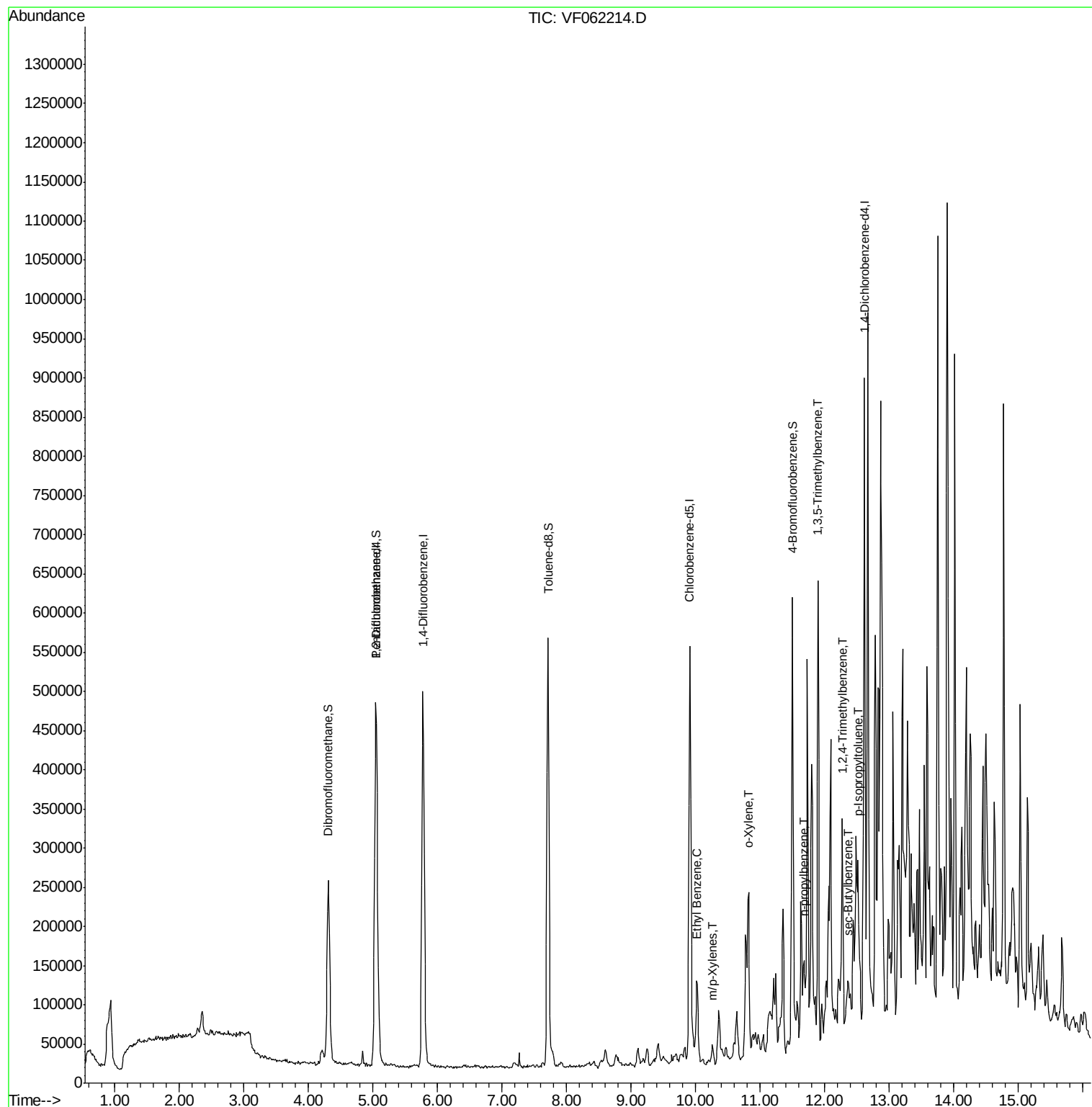
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041819\
Data File : VF062214.D
Acq On : 18 Apr 2019 19:35
Operator : FY/SY
Sample : K2193-09
Misc : 7.15g/5mL/MSVOA F/SOIL
ALS Vial : 18 Sample Multiplier: 1

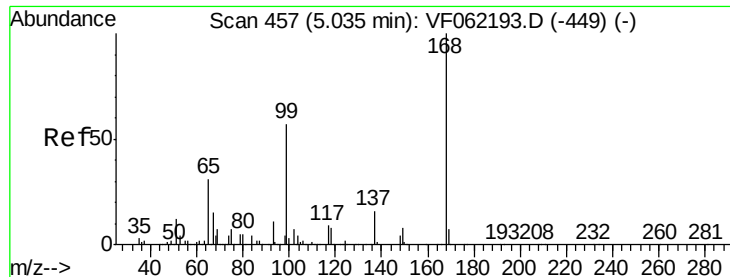
Instrument :
MSVOA_F
ClientSampleId :
HR-05-041719-B

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4/19/2019 10:52:39 AM

Quant Time: Apr 19 03:25:08 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: VF062214.D

Acq: 18 Apr 2019 19:35

Instrument :

MSVOA_F

ClientSampleId :

HR-05-041719-B

Tot Ion:168 Resp: 391185

Ion Ratio Lower Upper

168 100

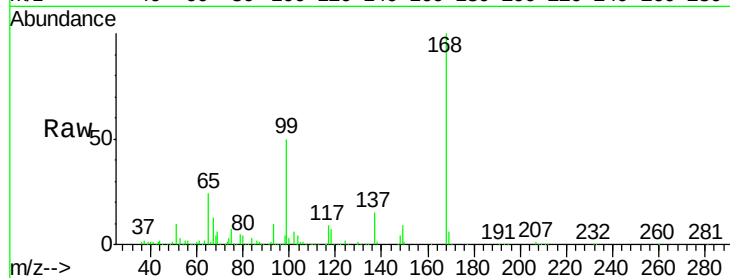
99 49.8 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.05

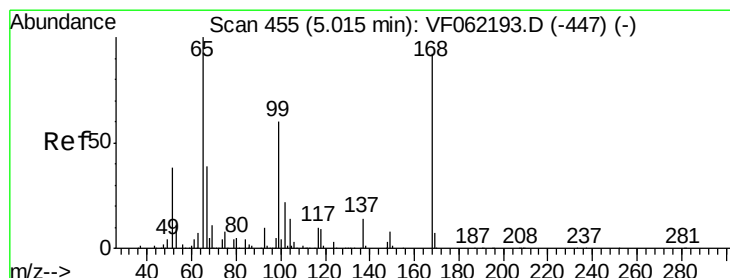
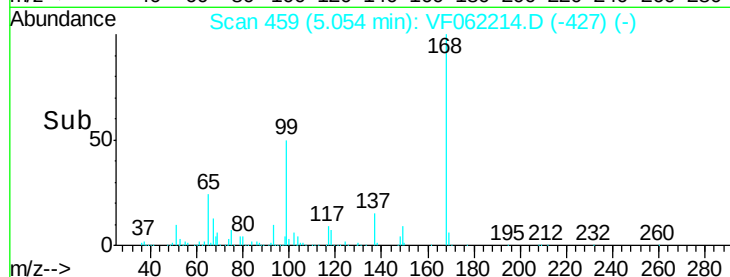
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100000

50000

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Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.210 ug/l

RT: 5.03 min Scan# 457

Delta R.T. 0.02 min

Lab File: VF062214.D

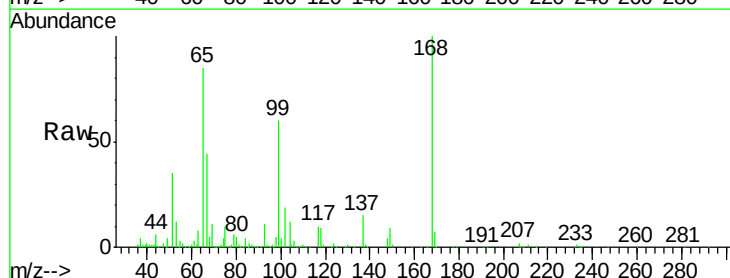
Acq: 18 Apr 2019 19:35

Tgt Ion: 65 Resp: 176515

Ion Ratio Lower Upper

65 100

67 51.1 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

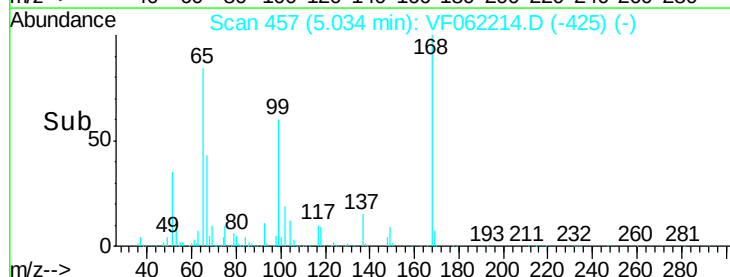
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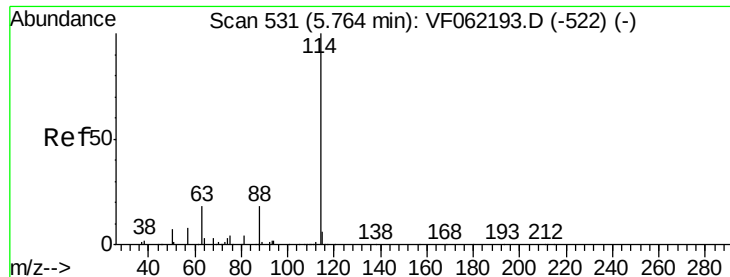
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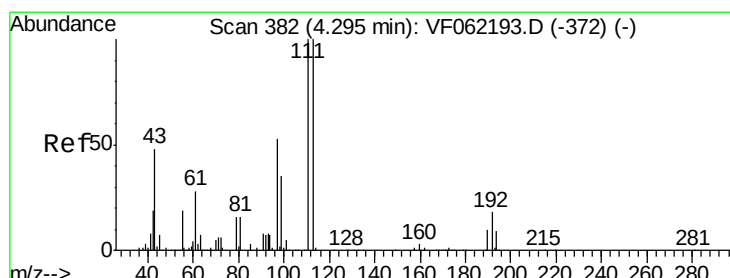
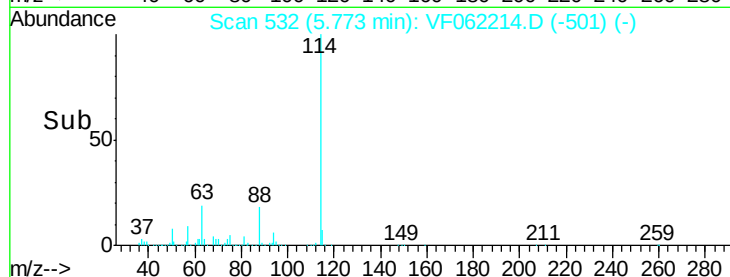
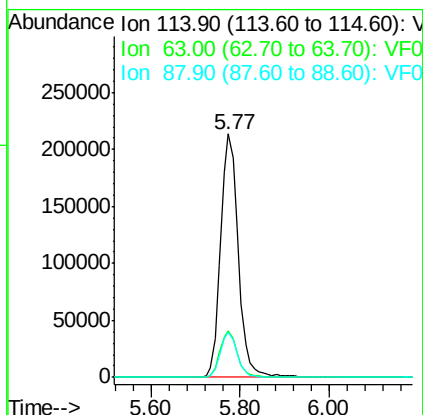
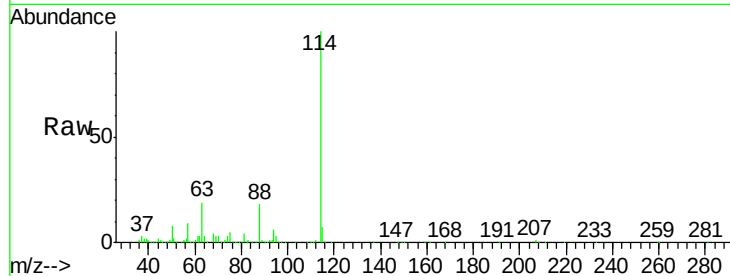
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

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

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.2	0.0	36.6
88	18.3	0.0	35.8

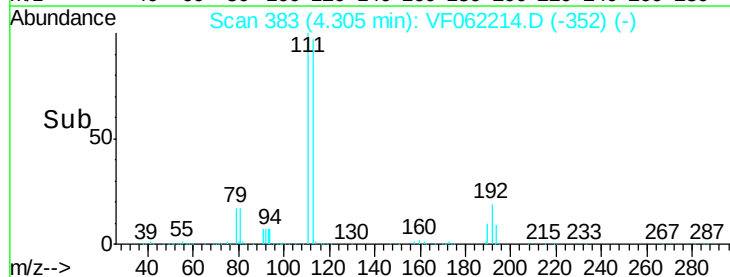
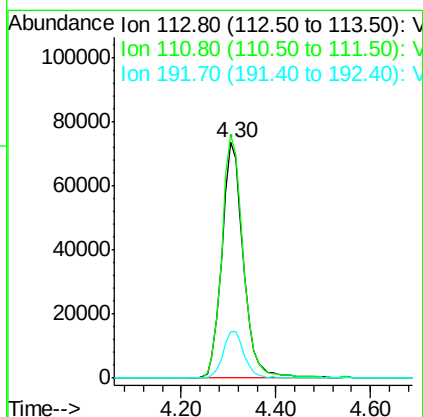
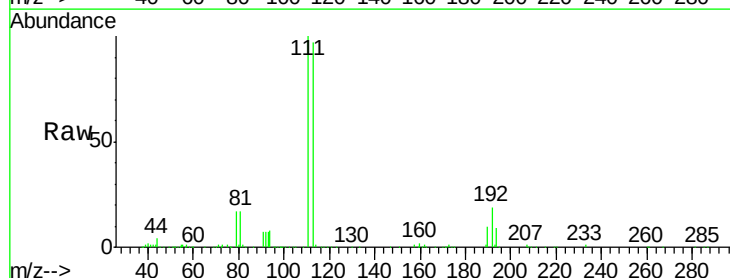
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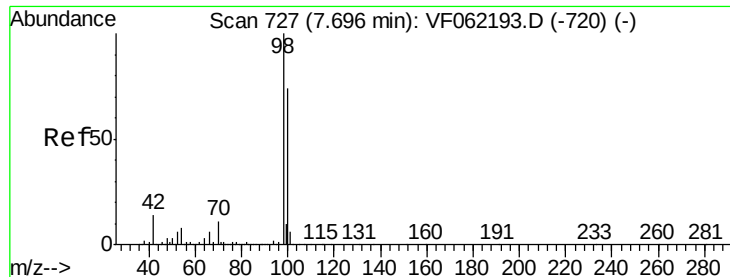
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#35
Dibromofluoromethane
Concen: 44.682 ug/l
RT: 4.30 min Scan# 383
Delta R.T. 0.01 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.5	81.1	121.7
192	19.7	14.7	22.1





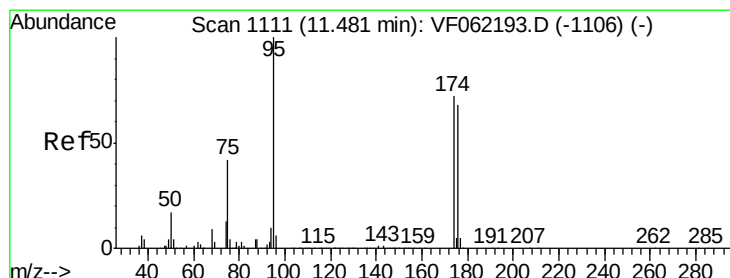
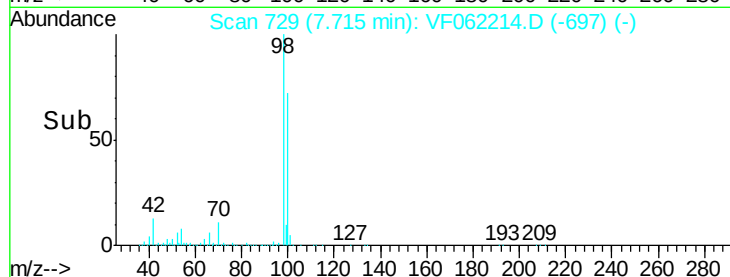
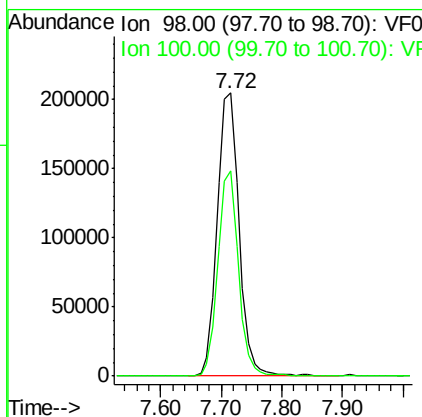
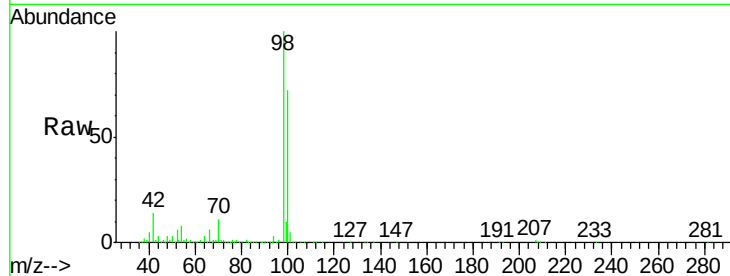
#50
Toluene-d8
Concen: 39.468 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

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

Tot Ion: 98 Resp: 516445
Ion Ratio Lower Upper
98 100
100 68.7 56.2 84.2

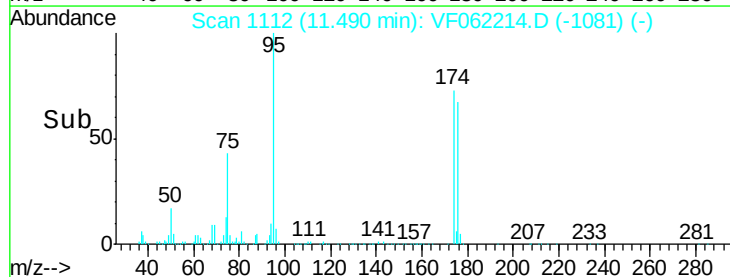
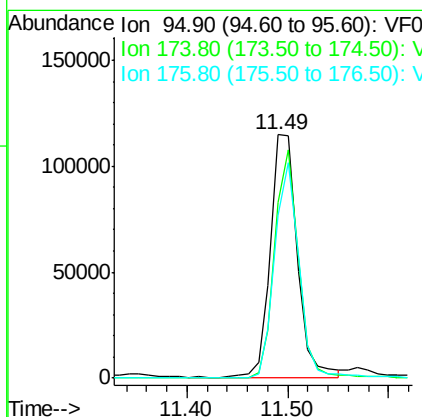
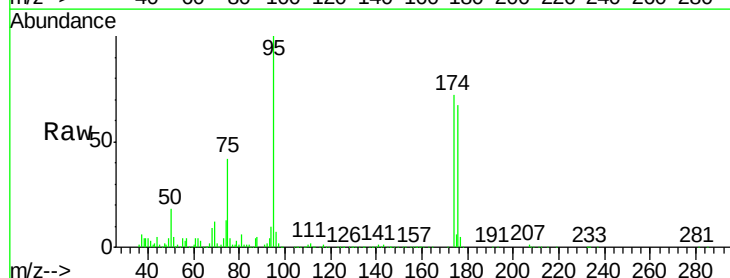
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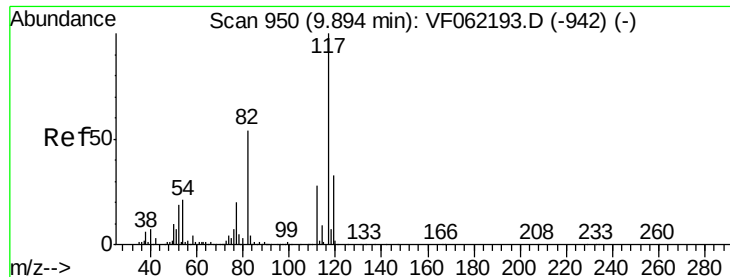
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#62
4-Bromofluorobenzene
Concen: 42.097 ug/l
RT: 11.49 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

Tgt Ion: 95 Resp: 211906
Ion Ratio Lower Upper
95 100
174 84.3 0.0 159.4
176 80.9 0.0 155.4





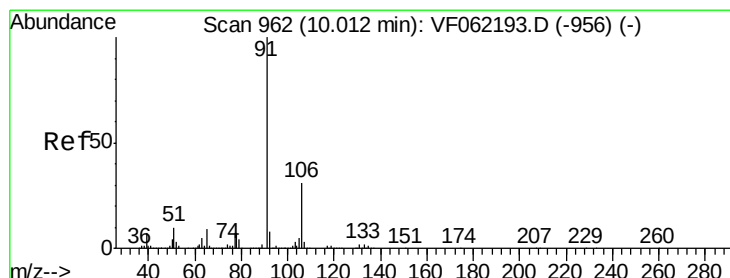
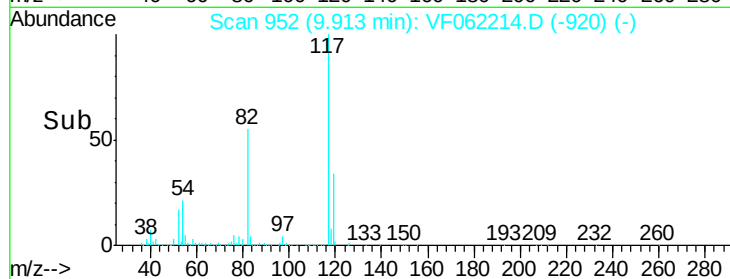
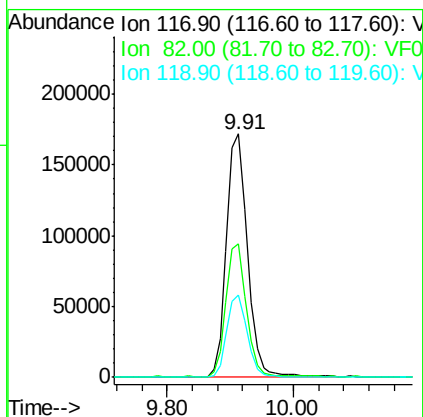
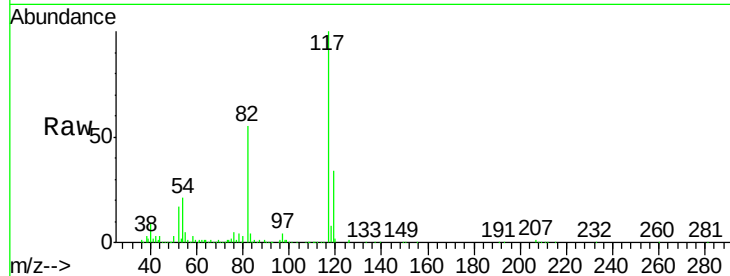
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398153		
82	54.4		43.2	64.8
119	33.8		26.2	39.4

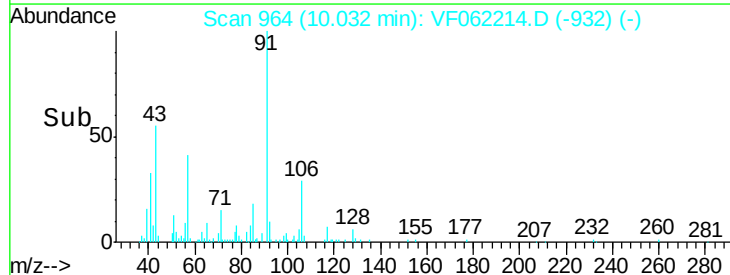
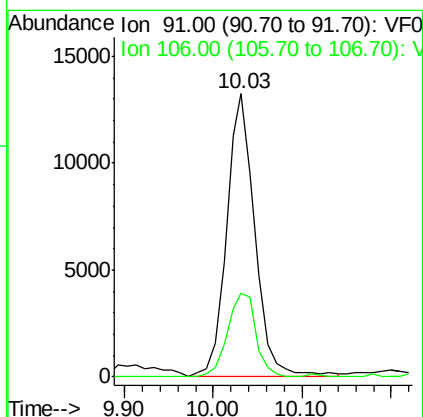
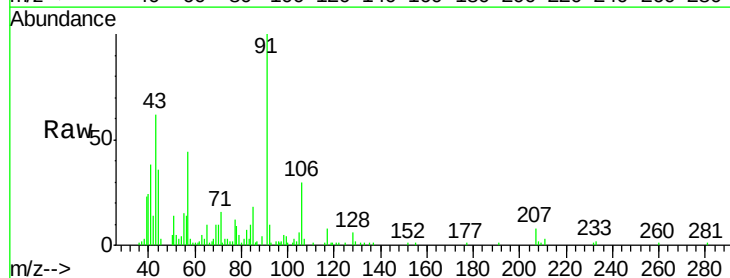
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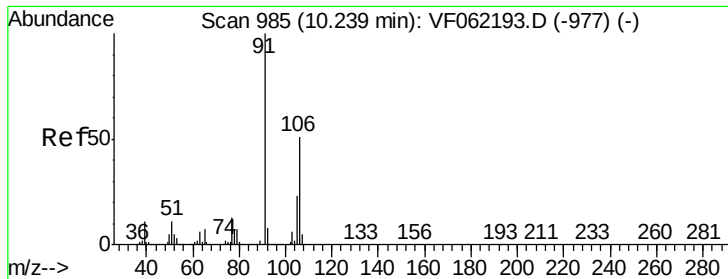
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#67
Ethyl Benzene
Concen: 1.915 ug/l
RT: 10.03 min Scan# 964
Delta R.T. 0.02 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	29562		
106	29.6		24.9	37.3





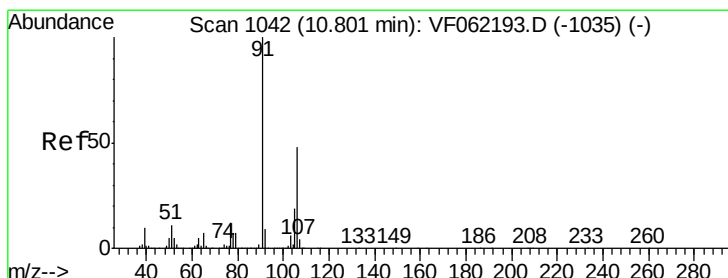
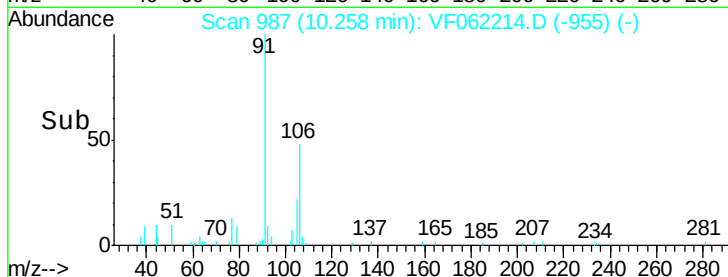
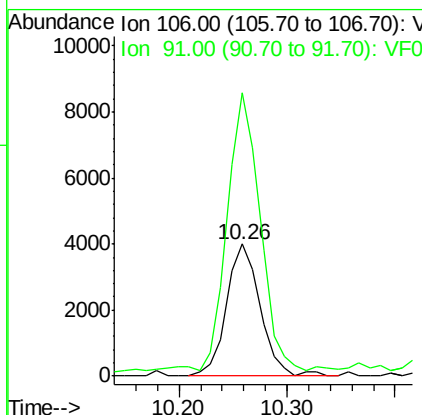
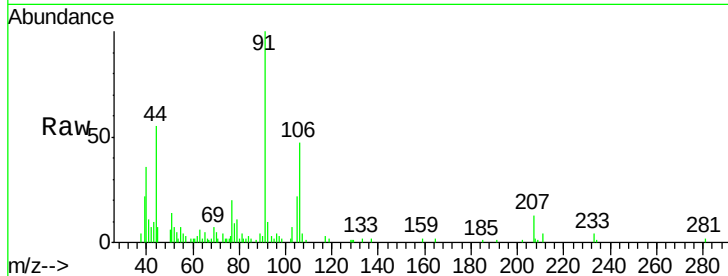
#68
m/p-Xylenes
Concen: 1.534 ug/l
RT: 10.26 min Scan# 987
Delta R.T. 0.02 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		8718		
91	209.6	159.1	238.7		

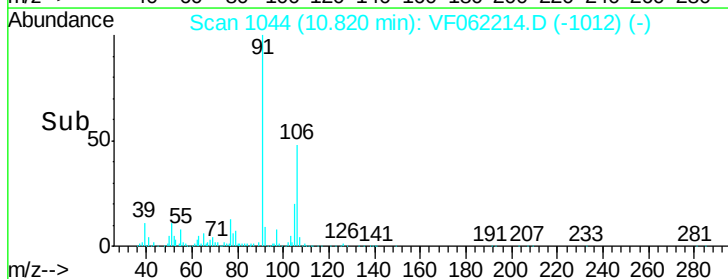
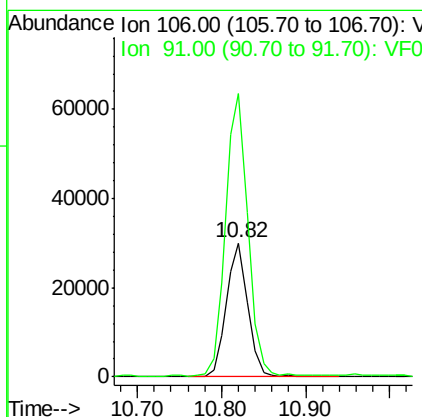
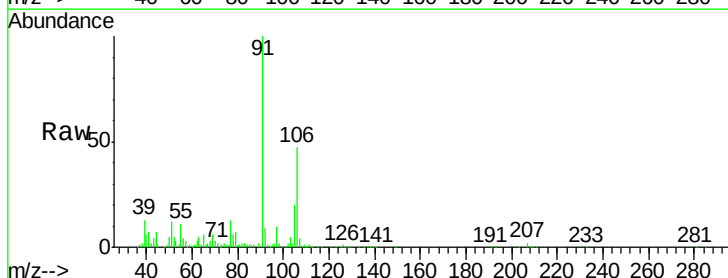
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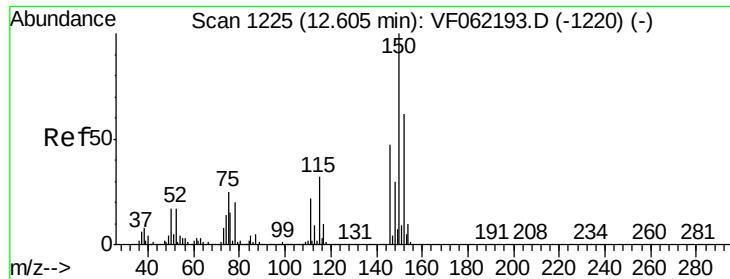
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#69
o-Xylene
Concen: 8.426 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. 0.02 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		53167		
91	219.0	107.5	322.4		





#72

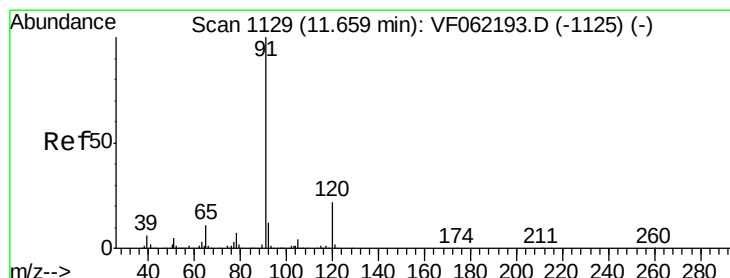
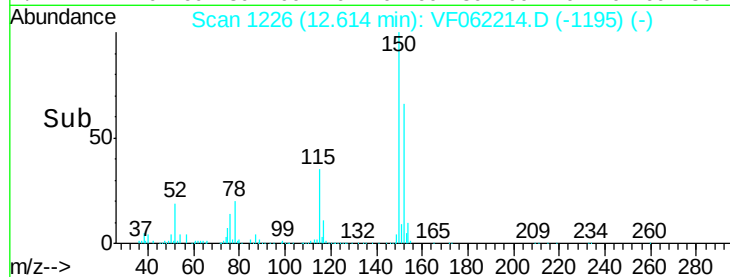
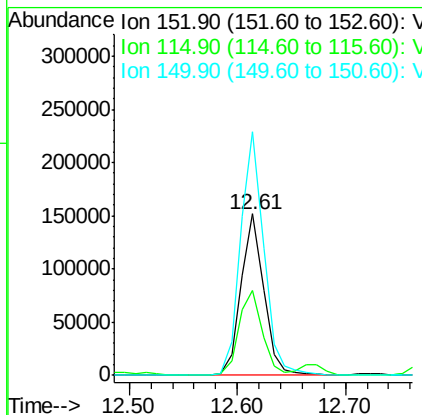
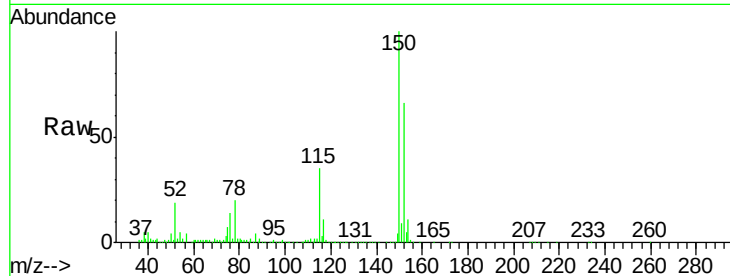
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1226
Delta R.T. 0.01 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.8	83.3
150	153.5	0.0	341.8

Manual Integrations
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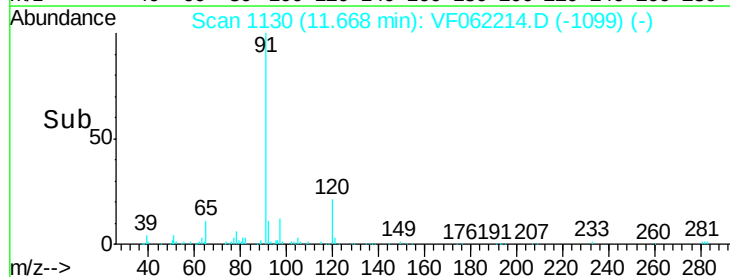
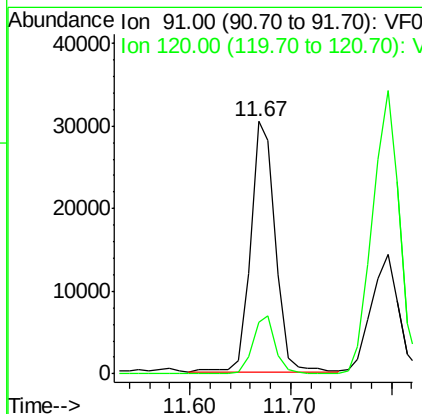
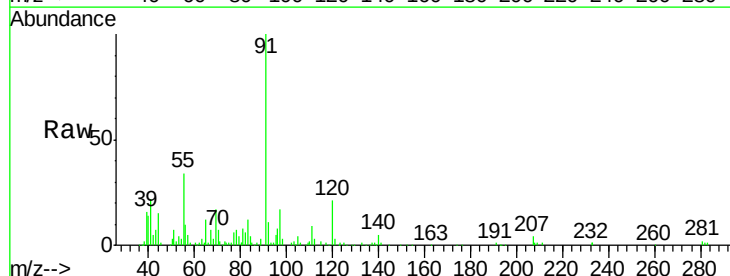
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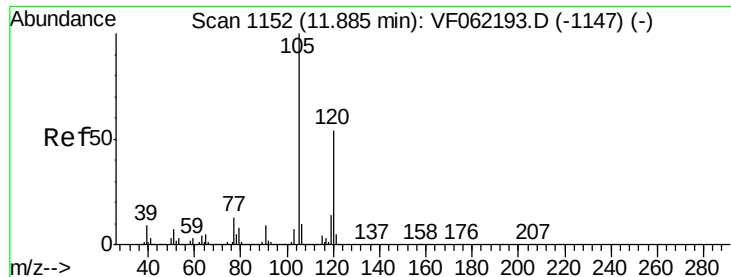


#78

n-propylbenzene
Concen: 2.588 ug/l
RT: 11.67 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VF062214.D
Acq: 18 Apr 2019 19:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.0	11.2	33.6





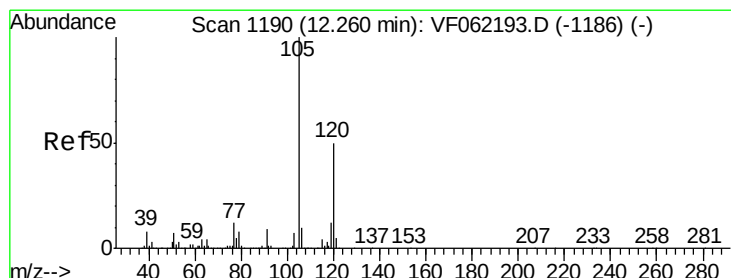
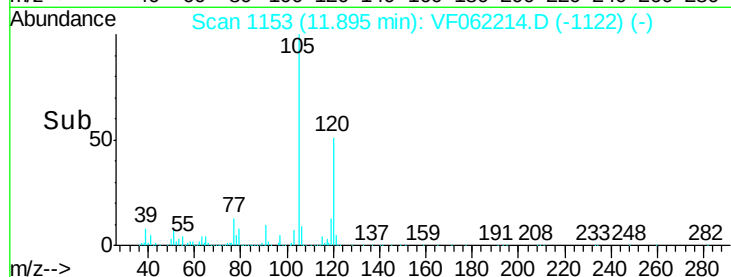
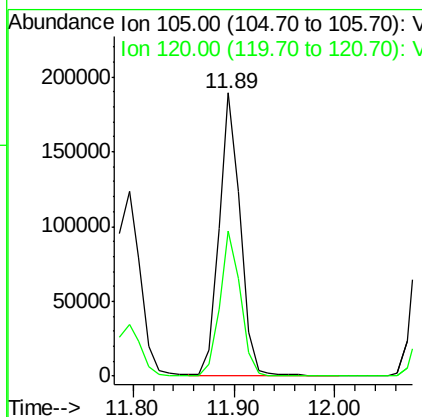
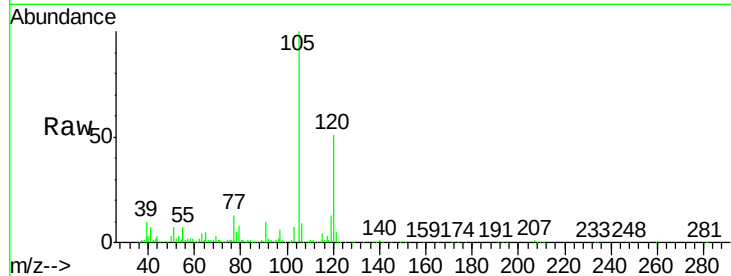
#80
 1,3,5-Trimethylbenzene
 Concen: 17.214 ug/l
 RT: 11.89 min Scan# 1153
 Delta R.T. 0.01 min
 Lab File: VF062214.D
 Acq: 18 Apr 2019 19:35

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.8	26.2	78.5

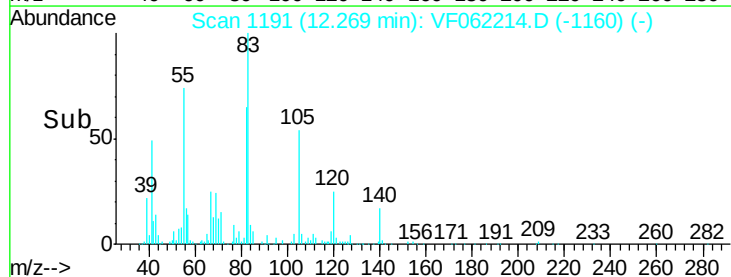
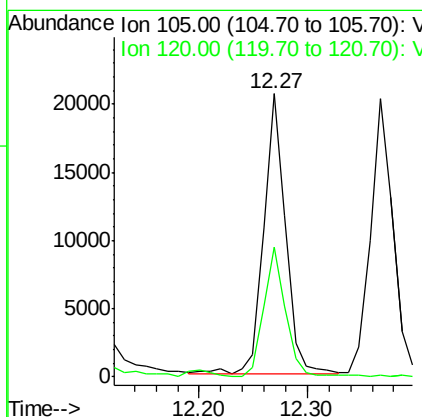
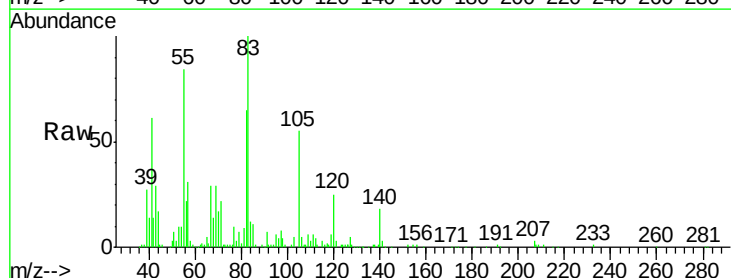
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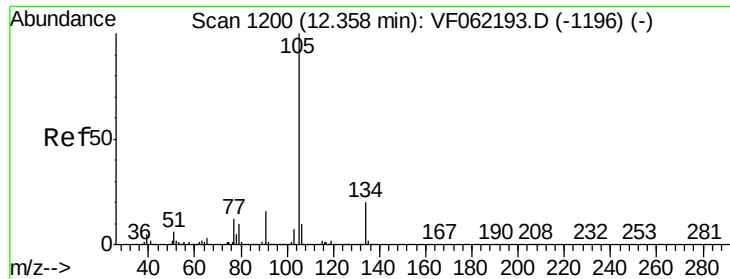
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#84
 1,2,4-Trimethylbenzene
 Concen: 1.857 ug/l
 RT: 12.27 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: VF062214.D
 Acq: 18 Apr 2019 19:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	24.0	72.0





#85

sec-Butylbenzene

Concen: 1.347 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VF062214.D

Acq: 18 Apr 2019 19:35

Instrument :

MSVOA_F

ClientSampleId :

HR-05-041719-B

Tot Ion:105 Resp: 28980

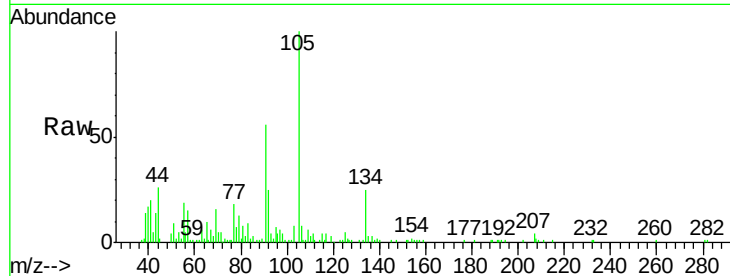
Ion Ratio Lower Upper

105 100

134 29.7 9.7 29.1#

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.37

20000

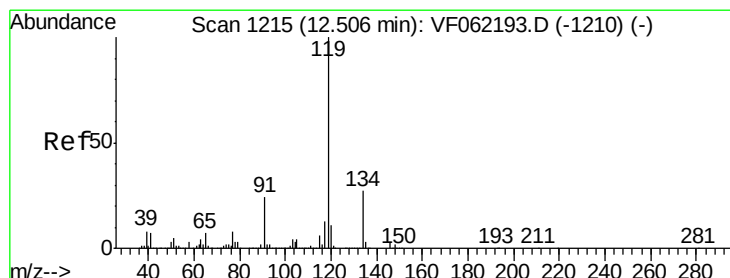
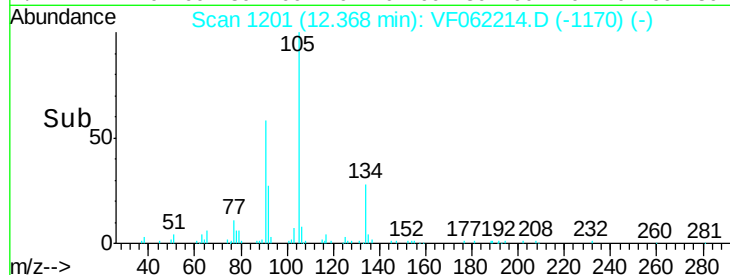
15000

10000

5000

0

Time-->



#86

p-Isopropyltoluene

Concen: 2.320 ug/l m

RT: 12.52 min Scan# 1216

Delta R.T. 0.01 min

Lab File: VF062214.D

Acq: 18 Apr 2019 19:35

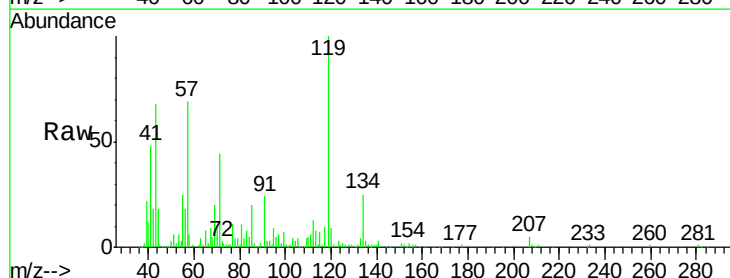
Tgt Ion:119 Resp: 42350

Ion Ratio Lower Upper

119 100

134 74.5 13.2 39.5#

91 68.8 11.7 35.1#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0

60000

40000

20000

0

Time-->

