

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041819\
 Data File : VF062215.D
 Acq On : 18 Apr 2019 20:04
 Operator : FY/SY
 Sample : K2193-11
 Misc : 6.91a/5mL/MSVOA F/SOIL
 ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations
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MMDadoda
 4/19/2019 10:52:43 AM

Quant Time: Apr 19 03:29:04 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	5.06	168	402372	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	567277	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.91	117	389901	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	191217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.03	65	193627	52.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	4.31	113	249822	50.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	7.71	98	530187	42.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	84.42%	
62) 4-Bromofluorobenzene	11.50	95	214952	44.48	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds						
67) Ethyl Benzene	10.03	91	19494	1.289	ug/l	96
69) o-Xylene	10.82	106	40261	6.516	ug/l	96
78) n-propylbenzene	11.67	91	30972	1.787	ug/l	95
80) 1,3,5-Trimethylbenzene	11.89	105	196549	14.367	ug/l	95
84) 1,2,4-Trimethylbenzene	12.27	105	14878	1.124	ug/l	97
85) sec-Butylbenzene	12.36	105	19276	1.049	ug/l	84
86) p-Isopropyltoluene	12.52	119	42593m	2.734	ug/l	

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

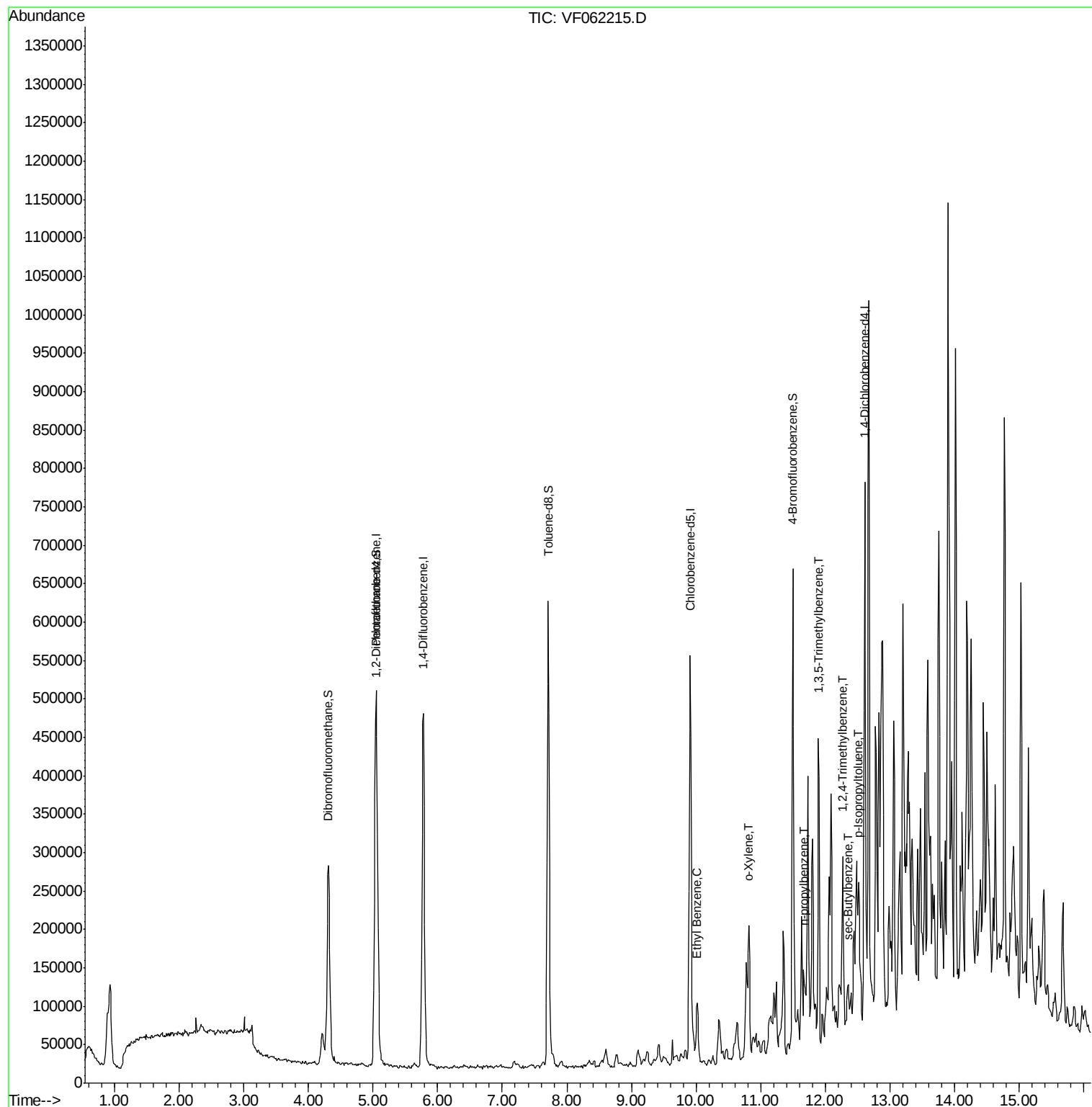
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF041819\
Data File : VF062215.D
Acq On : 18 Apr 2019 20:04
Operator : FY/SY
Sample : K2193-11
Misc : 6.91g/5mL/MSVOA F/SOIL
ALS Vial : 19 Sample Multiplier: 1

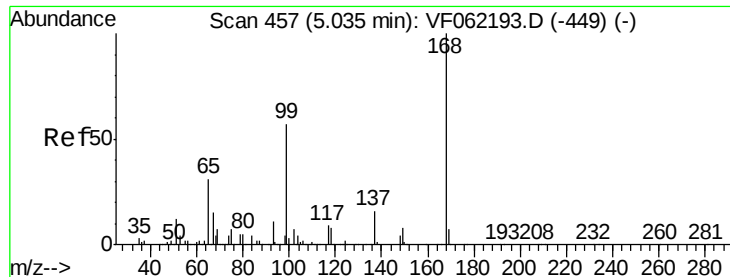
Instrument :
MSVOA_F
ClientSampleId :
HR-05-041719-C

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Quant Time: Apr 19 03:29:04 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: 5.06 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062215.D

Acq: 18 Apr 2019 20:04

Instrument :

MSVOA_F

ClientSampleId :

HR-05-041719-C

Tot Ion:168 Resp: 402372

Ion Ratio Lower Upper

168 100

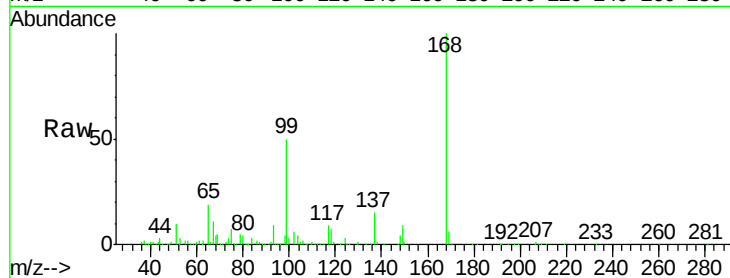
99 50.1 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

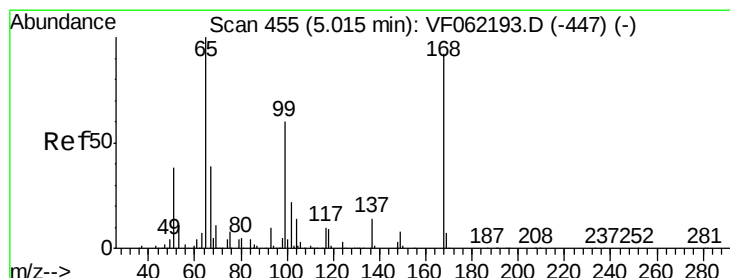
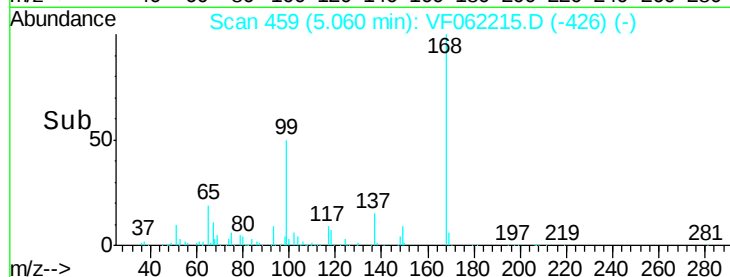
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.480 ug/l

RT: 5.03 min Scan# 456

Delta R.T. 0.02 min

Lab File: VF062215.D

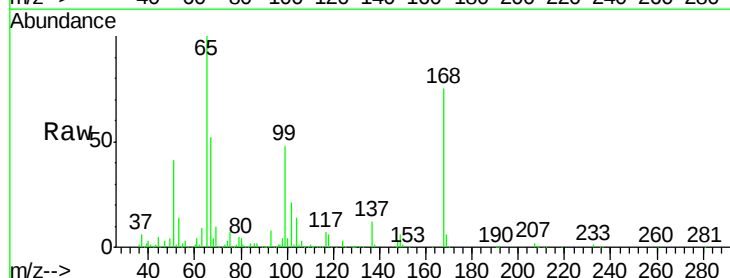
Acq: 18 Apr 2019 20:04

Tgt Ion: 65 Resp: 193627

Ion Ratio Lower Upper

65 100

67 52.7 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

80000

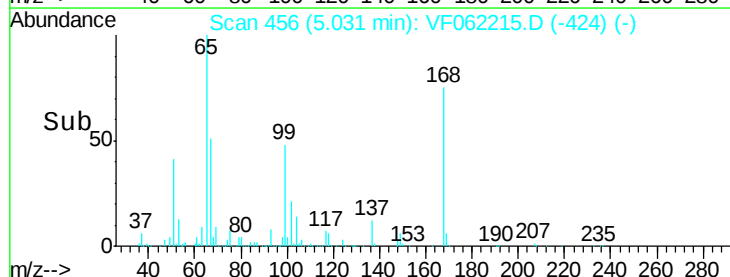
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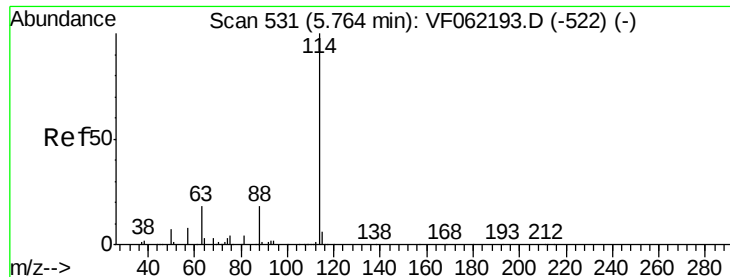
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. 0.02 min

Lab File: VF062215.D

Acq: 18 Apr 2019 20:04

Instrument :

MSVOA_F

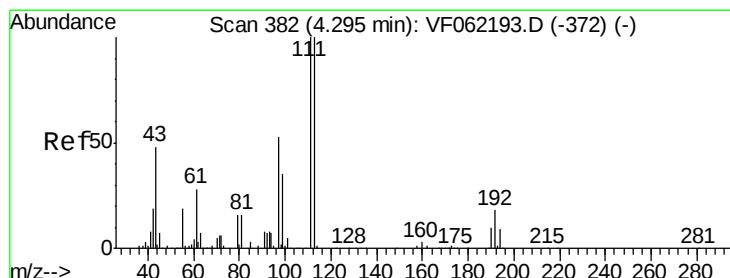
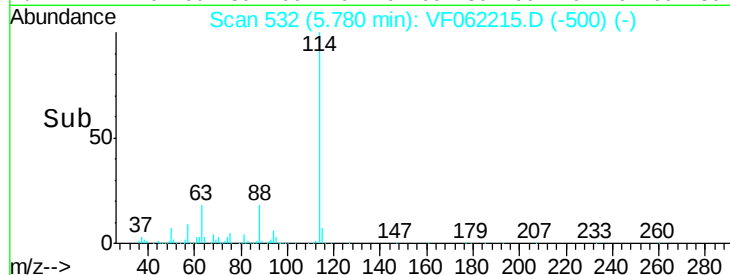
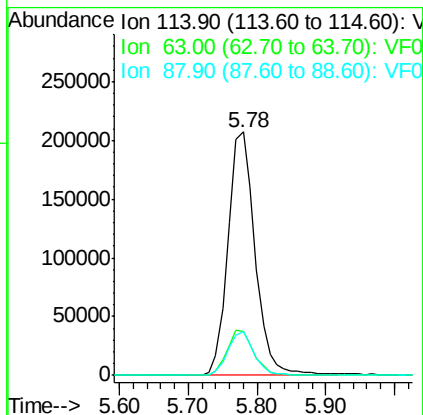
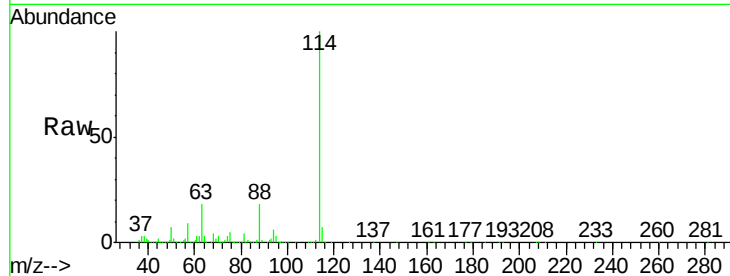
ClientSampleId :

HR-05-041719-C

Tot Ion:	114	Resp:	567277
Ion Ratio		Lower	Upper
114	100		
63	18.2	0.0	36.6
88	18.1	0.0	35.8

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#35

Dibromofluoromethane

Concen: 50.345 ug/l

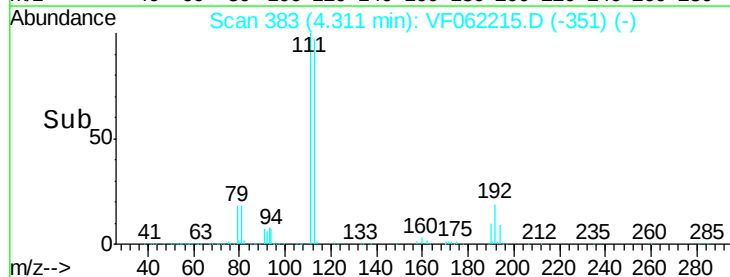
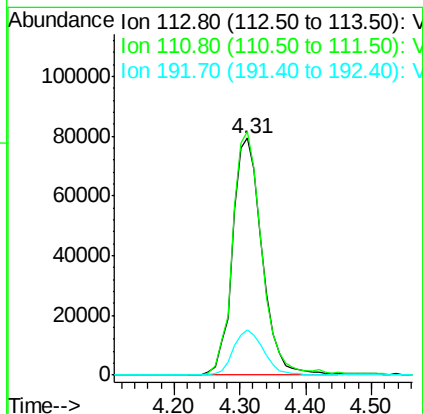
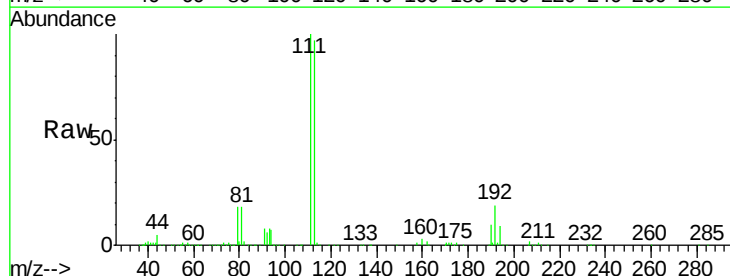
RT: 4.31 min Scan# 383

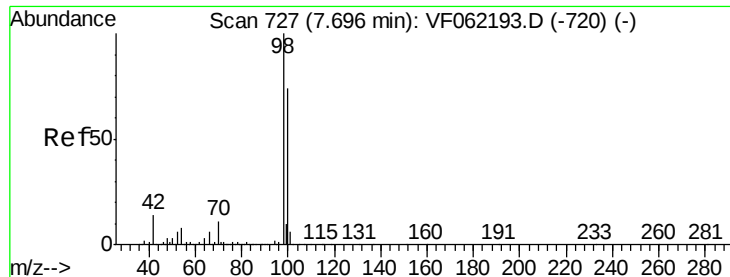
Delta R.T. 0.02 min

Lab File: VF062215.D

Acq: 18 Apr 2019 20:04

Tgt Ion:	113	Resp:	249822
Ion Ratio		Lower	Upper
113	100		
111	101.8	81.1	121.7
192	19.8	14.7	22.1





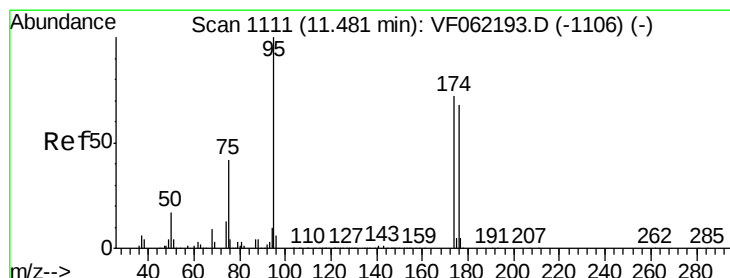
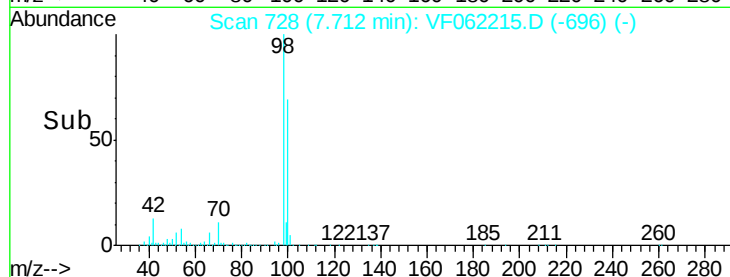
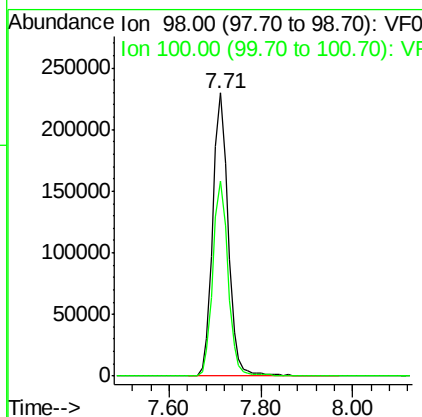
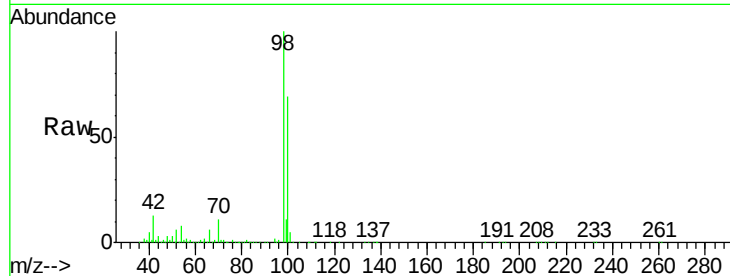
#50
Toluene-d8
Concen: 42.209 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.02 min
Lab File: VF062215.D
Acq: 18 Apr 2019 20:04

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

Tot Ion: 98 Resp: 530187
Ion Ratio Lower Upper
98 100
100 67.8 56.2 84.2

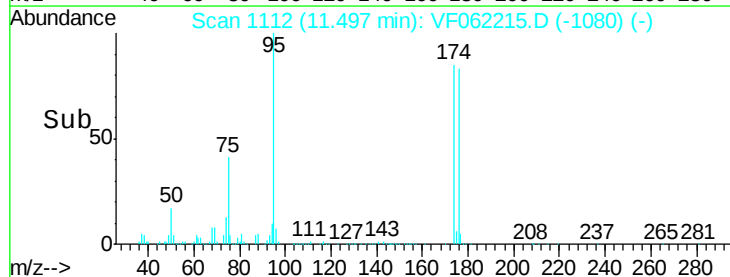
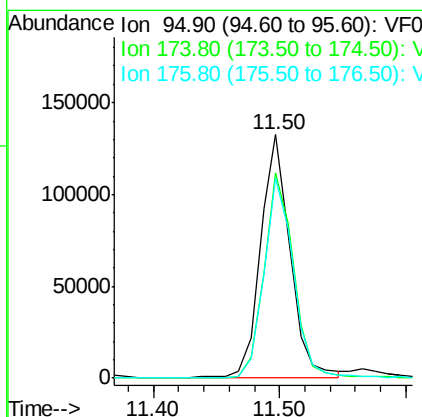
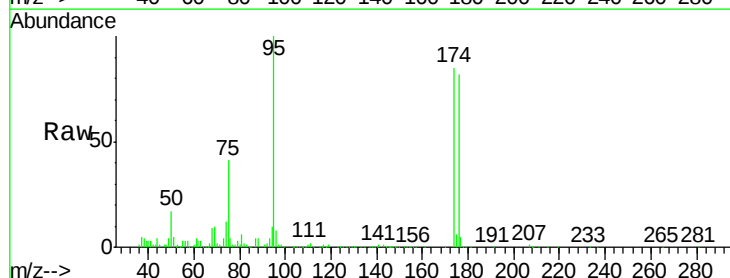
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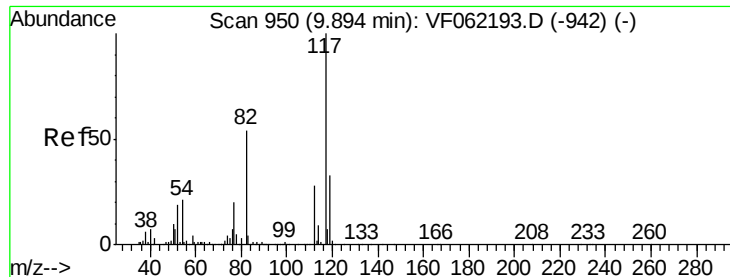
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#62
4-Bromofluorobenzene
Concen: 44.484 ug/l
RT: 11.50 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VF062215.D
Acq: 18 Apr 2019 20:04

Tgt Ion: 95 Resp: 214952
Ion Ratio Lower Upper
95 100
174 85.5 0.0 159.4
176 83.6 0.0 155.4





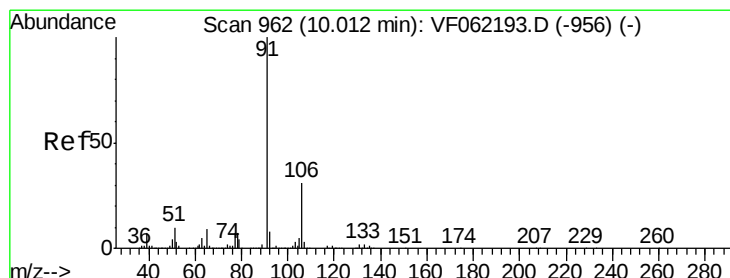
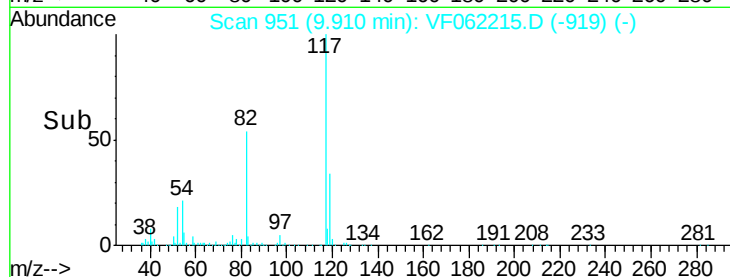
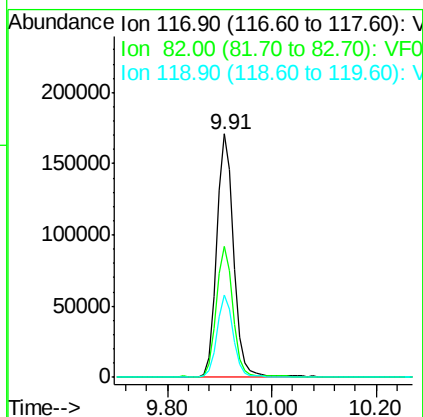
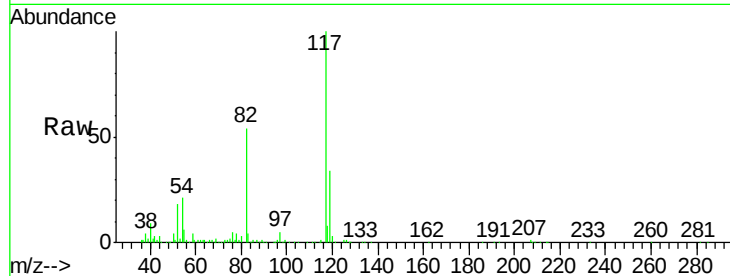
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. 0.02 min
Lab File: VF062215.D
Acq: 18 Apr 2019 20:04

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	389901		
82	53.6		43.2	64.8
119	33.5		26.2	39.4

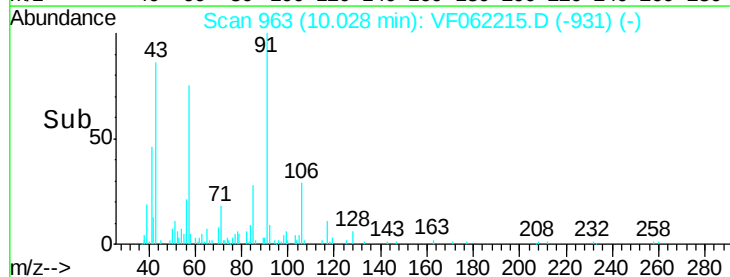
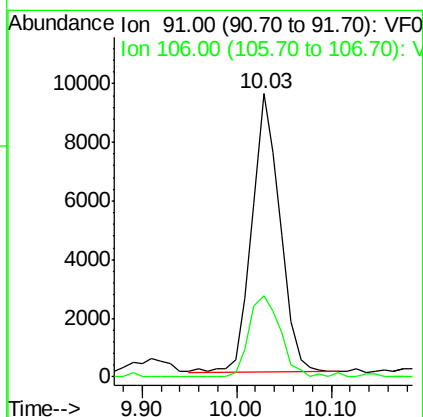
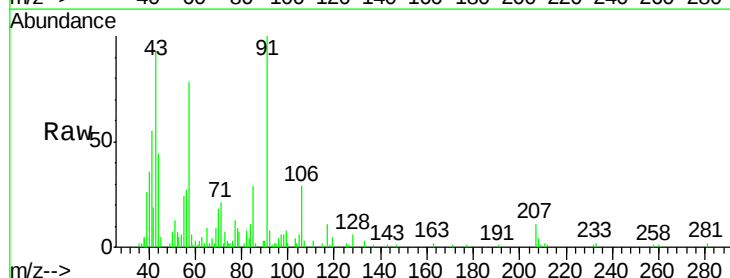
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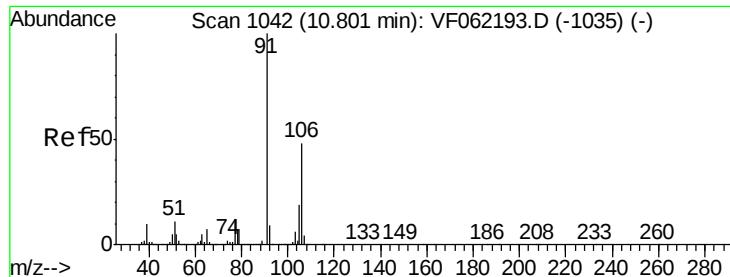
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#67
Ethyl Benzene
Concen: 1.289 ug/l
RT: 10.03 min Scan# 963
Delta R.T. 0.02 min
Lab File: VF062215.D
Acq: 18 Apr 2019 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	19494		
106	29.1		24.9	37.3





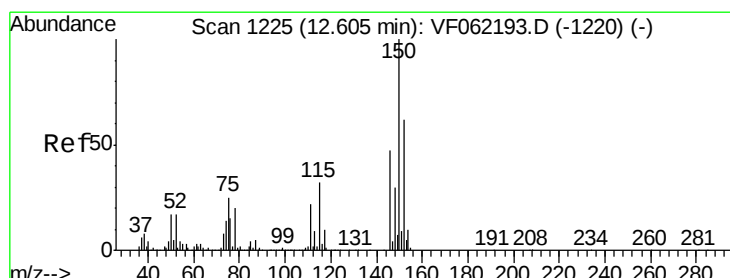
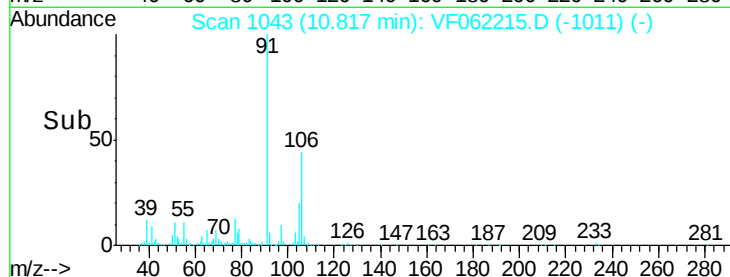
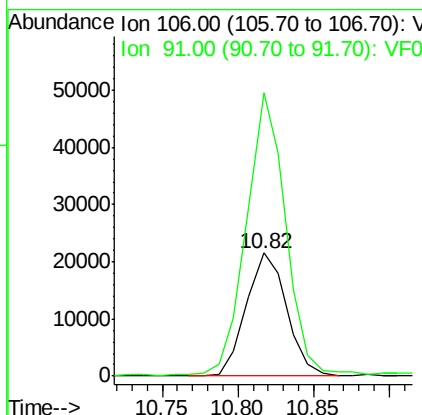
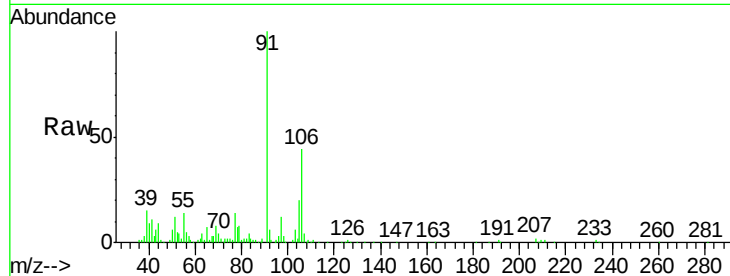
#69
o-Xylene
Concen: 6.516 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. 0.02 min
Lab File: VF062215.D
Acq: 18 Apr 2019 20:04

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

Tot Ion:106 Resp: 40261
Ion Ratio Lower Upper
106 100
91 221.5 107.5 322.4

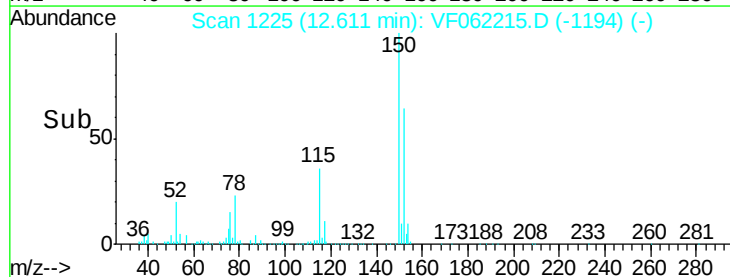
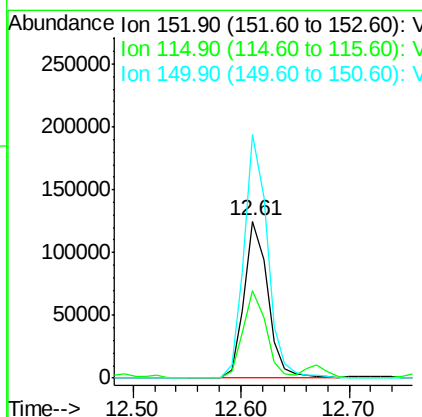
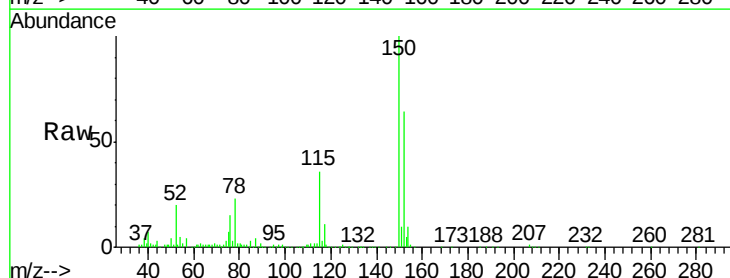
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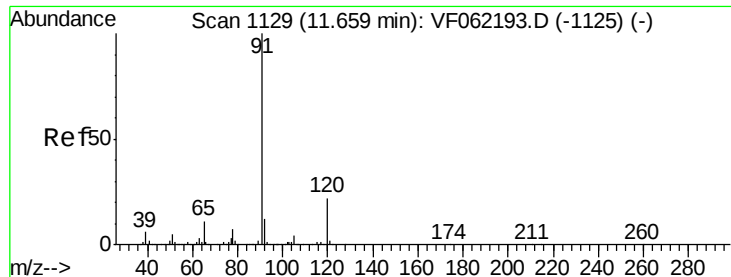
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VF062215.D
Acq: 18 Apr 2019 20:04

Tgt Ion:152 Resp: 191217
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.3
150 154.9 0.0 341.8





#78

n-propylbenzene

Concen: 1.787 ug/l

RT: 11.67 min Scan# 1130

Delta R.T. 0.02 min

Lab File: VF062215.D

Acq: 18 Apr 2019 20:04

Instrument :

MSVOA_F

ClientSampleId :

HR-05-041719-C

Tot Ion: 91 Resp: 30972

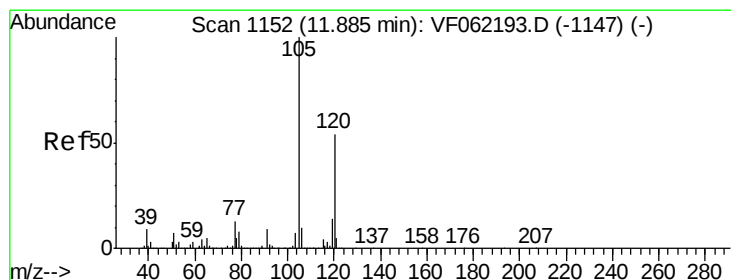
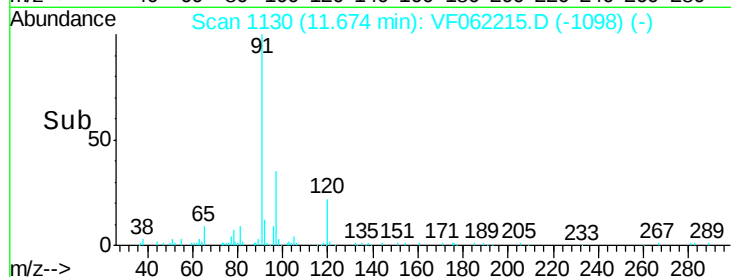
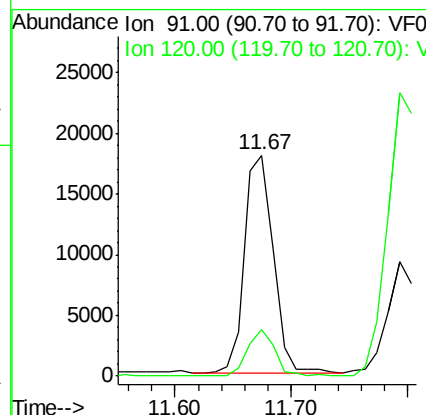
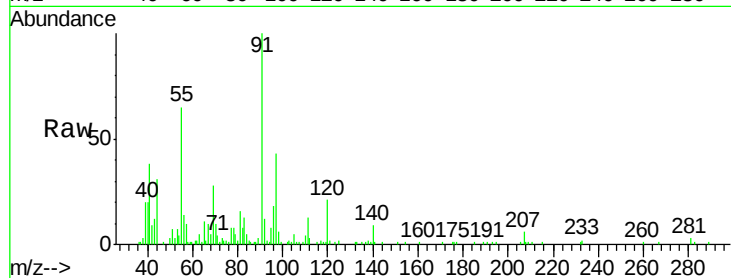
Ion Ratio Lower Upper

91 100

120 20.2 11.2 33.6

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#80

1,3,5-Trimethylbenzene

Concen: 14.367 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.01 min

Lab File: VF062215.D

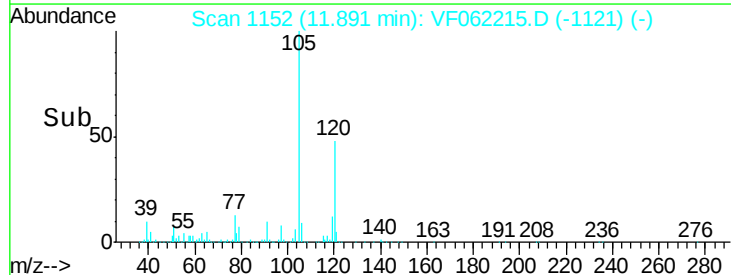
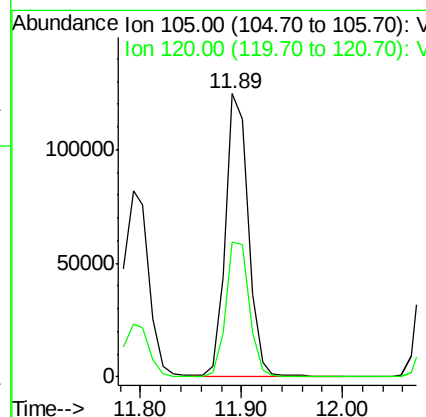
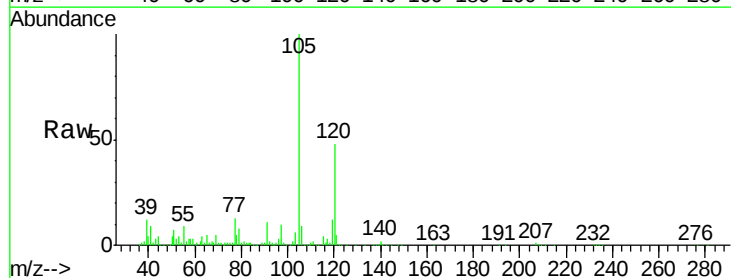
Acq: 18 Apr 2019 20:04

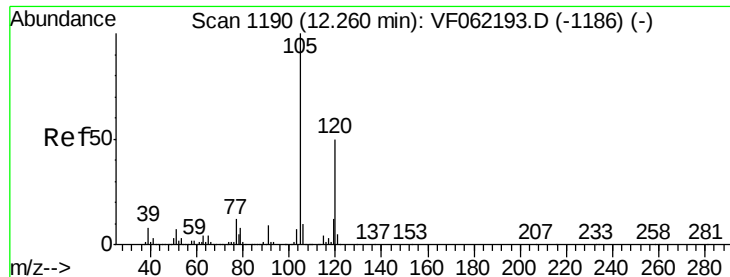
Tgt Ion: 105 Resp: 196549

Ion Ratio Lower Upper

105 100

120 49.1 26.2 78.5





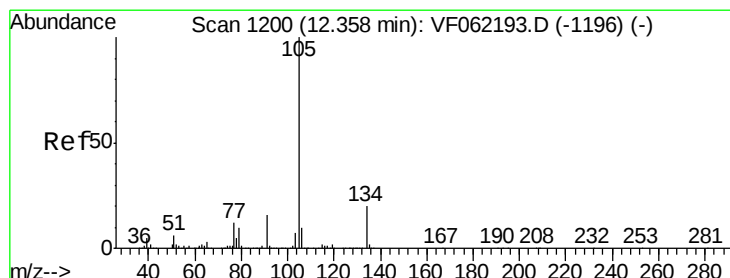
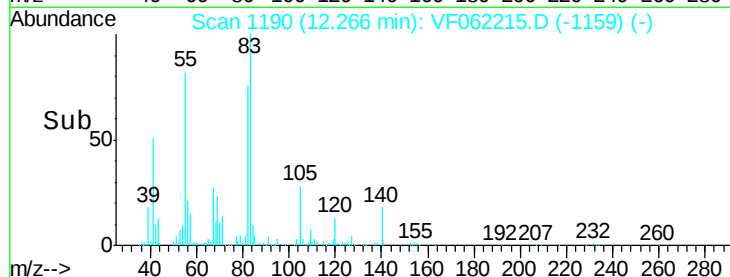
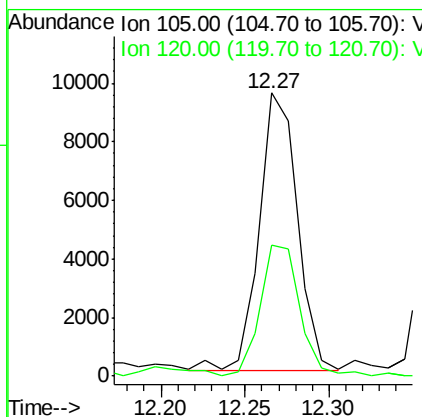
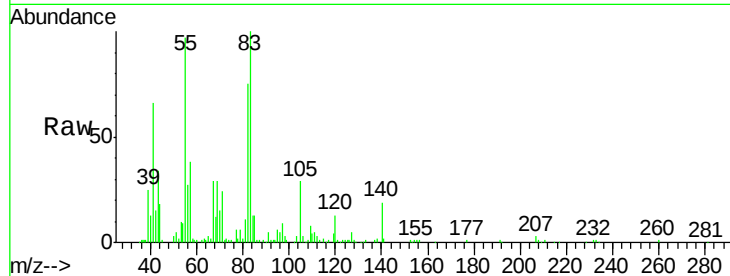
#84
1,2,4-Trimethylbenzene
Concen: 1.124 ug/l
RT: 12.27 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VF062215.D
Acq: 18 Apr 2019 20:04

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.8	24.0	72.0

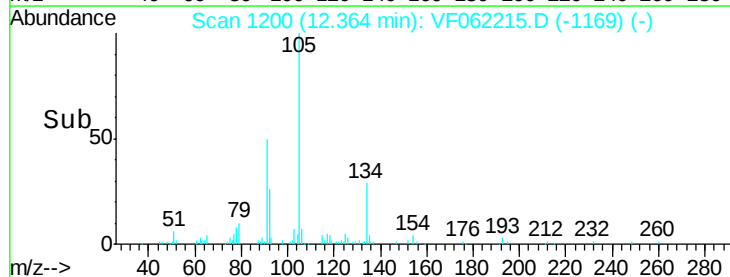
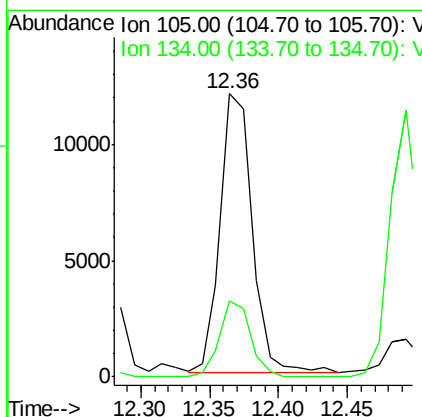
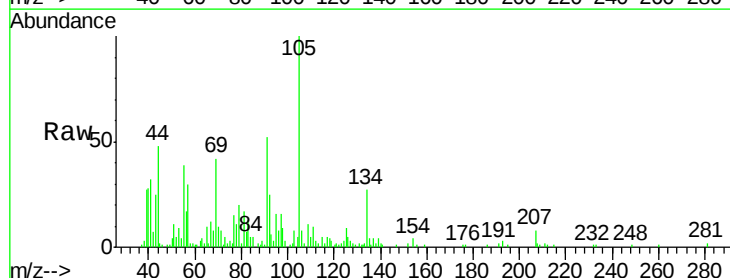
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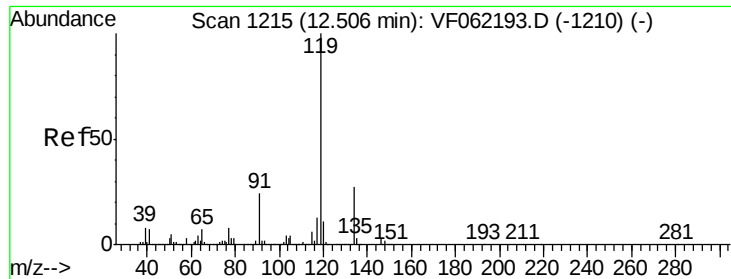
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#85
sec-Butylbenzene
Concen: 1.049 ug/l
RT: 12.36 min Scan# 1200
Delta R.T. 0.01 min
Lab File: VF062215.D
Acq: 18 Apr 2019 20:04

Tgt Ion	Ratio	Lower	Upper
105	100		
134	26.8	9.7	29.1





#86
 p-Isopropyltoluene
 Concen: 2.734 ug/l m
 RT: 12.52 min Scan# 1216
 Delta R.T. 0.02 min
 Lab File: VF062215.D
 Acq: 18 Apr 2019 20:04

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

Tot Ion	Ratio	Resp	Lower	Upper
119	100	42593		
134	64.9	13.2	39.5#	
91	62.8	11.7	35.1#	

Manual Integrations
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 4/19/2019 10:52:43 AM

