

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF061019\
 Data File : VF062914.D
 Acq On : 10 Jun 2019 18:52
 Operator : FY/SY
 Sample : K3273-17RE
 Misc : 4.09g/5mL/MSVOA F/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9 0.5-1.0 060719RE

Manual Integrations
 APPROVED

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 6/11/2019 2:54:52 PM

Quant Time: Jun 11 02:02:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	425302	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.78	114	808825	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	423940	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	129530	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	189050	64.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	128.56%	
35) Dibromofluoromethane	4.31	113	344909	56.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.86%	
50) Toluene-d8	7.71	98	530625	34.33	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	68.66%	
62) 4-Bromofluorobenzene	11.50	95	186537	33.55	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	67.10%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.04	91	103688	7.380	ug/l	96
68) m/p-Xylenes	10.27	106	57253	10.650	ug/l #	71
69) o-Xylene	10.82	106	113200	20.797	ug/l	92
73) Isopropylbenzene	11.22	105	328249	36.319	ug/l	92
78) n-propylbenzene	11.68	91	657455	60.246	ug/l	94
80) 1,3,5-Trimethylbenzene	11.89	105	707359	95.702	ug/l	94
84) 1,2,4-Trimethylbenzene	12.27	105	903721	128.958	ug/l	93
85) sec-Butylbenzene	12.37	105	1206040	124.972	ug/l	100
86) p-Isopropyltoluene	12.52	119	444927m	55.390	ug/l	
89) n-Butylbenzene	12.90	91	804030	99.505	ug/l #	71

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

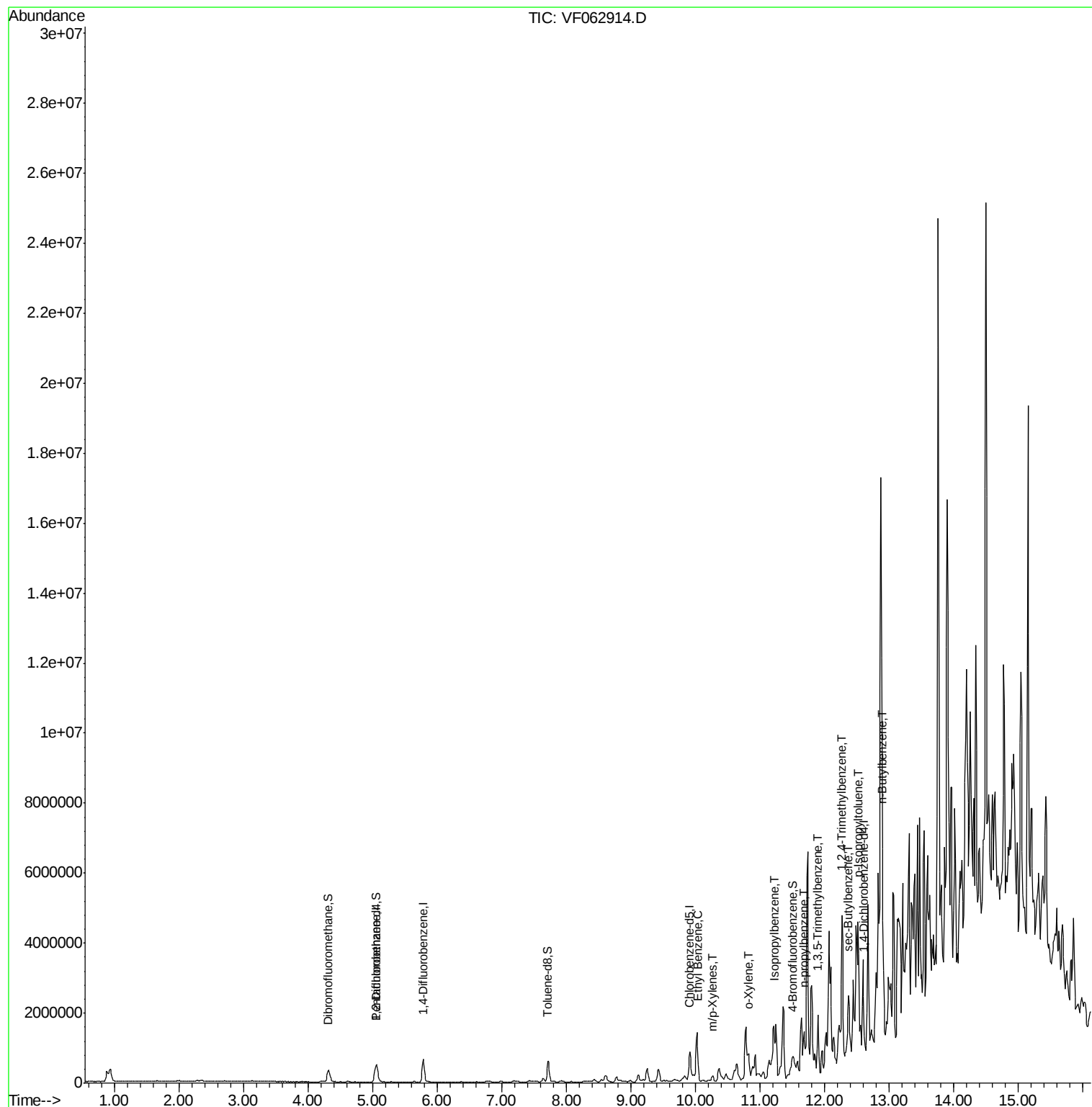
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF061019\
Data File : VF062914.D
Acq On : 10 Jun 2019 18:52
Operator : FY/SY
Sample : K3273-17RE
Misc : 4.09g/5mL/MSVOA F/SOIL
ALS Vial : 12 Sample Multiplier: 1

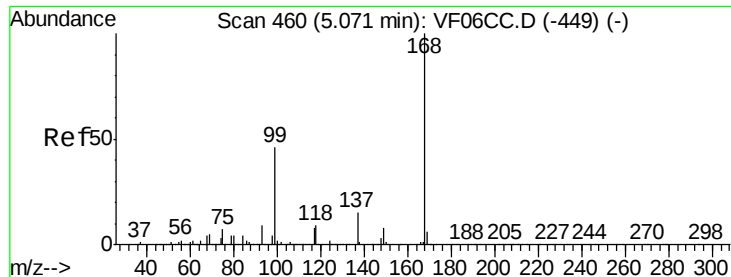
Instrument :
MSVOA_F
ClientSampleId :
SB-9_0.5-1.0_060719RE

Manual Integrations
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6/11/2019 2:54:52 PM

Quant Time: Jun 11 02:02:53 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 04:18:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 459

Delta R.T. -0.01 min

Lab File: VF062914.D

Acq: 10 Jun 2019 18:52

Instrument :

MSVOA_F

ClientSampleId :

SB-9 0.5-1.0 060719RE

Tot Ion:168 Resp: 425302

Ion Ratio Lower Upper

168 100

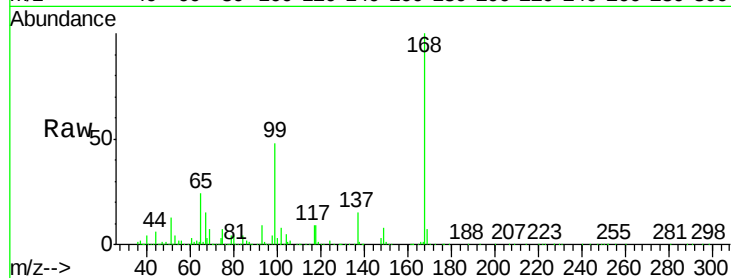
99 47.7 39.1 58.7

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

5.06

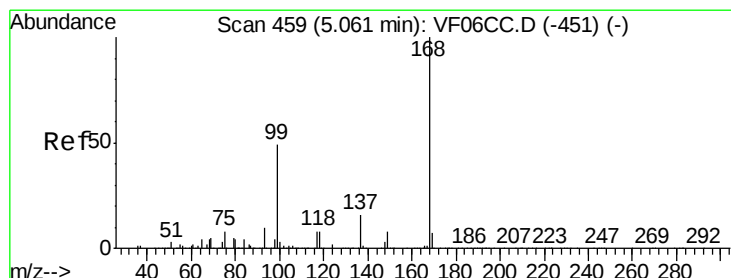
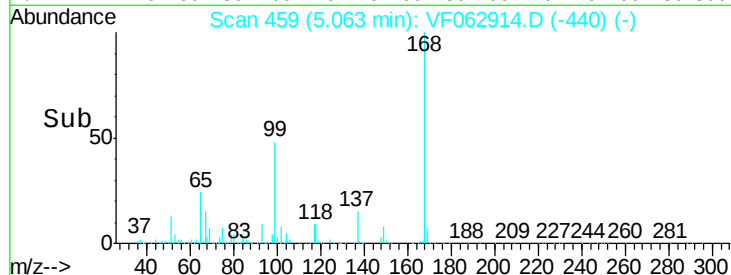
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 64.281 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.01 min

Lab File: VF062914.D

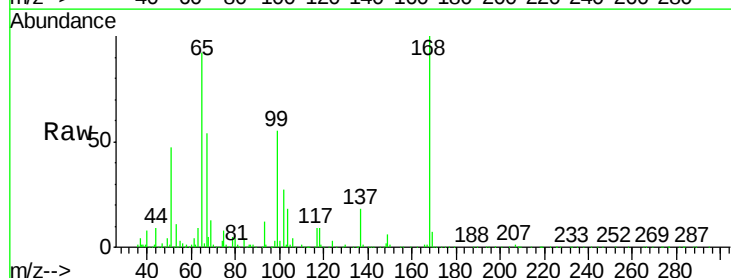
Acq: 10 Jun 2019 18:52

Tgt Ion: 65 Resp: 189050

Ion Ratio Lower Upper

65 100

67 58.4 0.0 121.2



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.04

80000

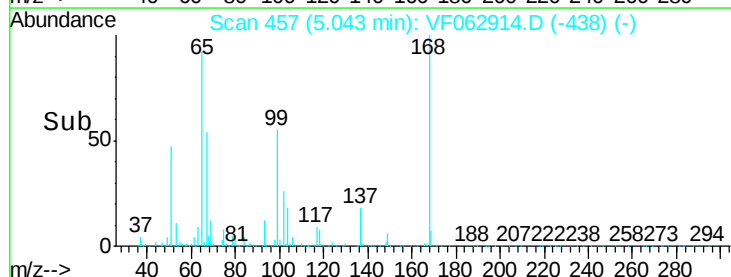
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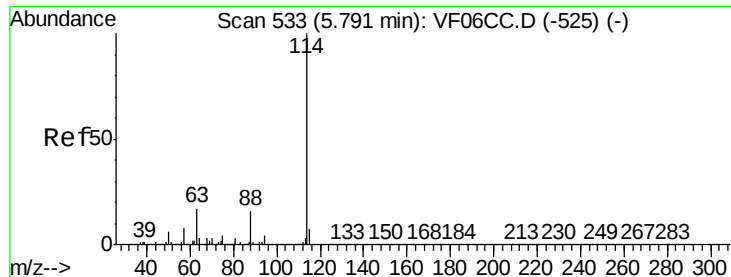
40000

20000

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Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 532

Delta R.T. -0.02 min

Lab File: VF062914.D

Acq: 10 Jun 2019 18:52

Instrument :

MSVOA_F

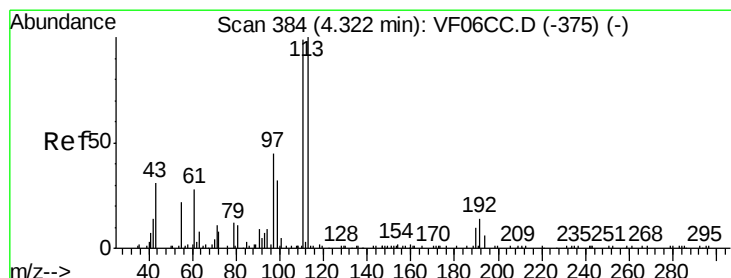
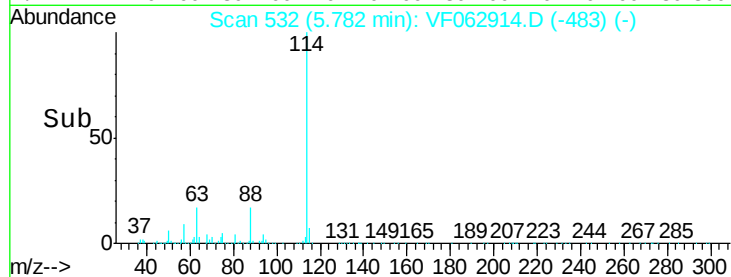
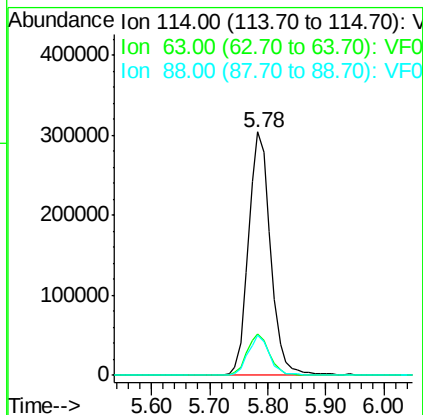
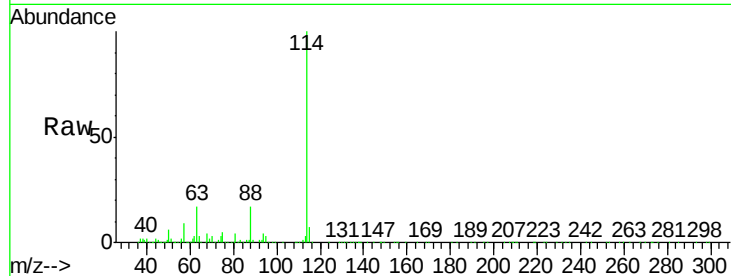
ClientSampleId :

SB-9 0.5-1.0 060719RE

Tot Ion:	114	Resp:	808825
Ion Ratio		Lower	Upper
114	100		
63	17.1	0.0	34.2
88	16.6	0.0	31.2

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#35

Dibromofluoromethane

Concen: 56.432 ug/l

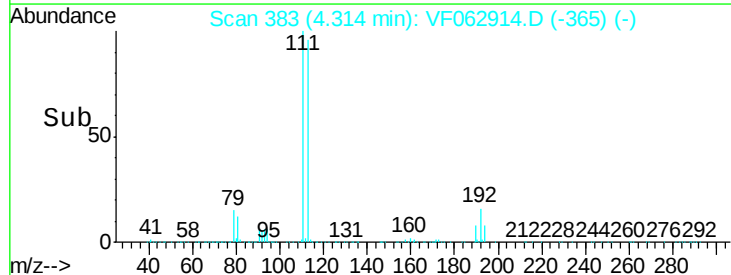
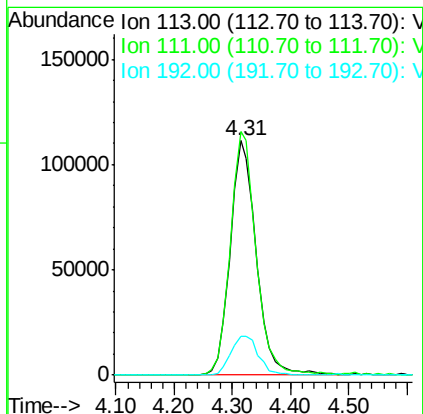
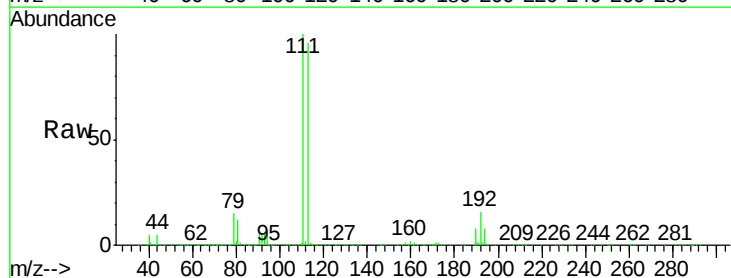
RT: 4.31 min Scan# 383

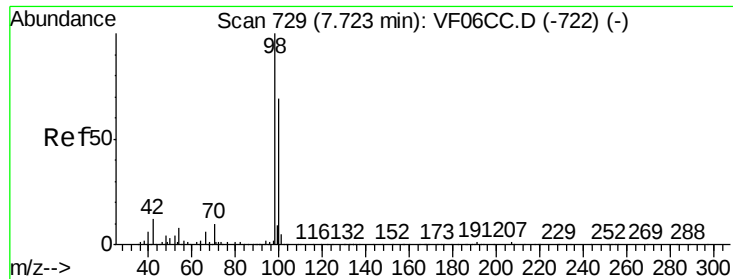
Delta R.T. -0.02 min

Lab File: VF062914.D

Acq: 10 Jun 2019 18:52

Tgt Ion:	113	Resp:	344909
Ion Ratio		Lower	Upper
113	100		
111	104.0	81.9	122.9
192	16.6	15.1	22.7





#50

Toluene-d8

Concen: 34.332 ug/l

RT: 7.71 min Scan# 728

Delta R.T. -0.02 min

Lab File: VF062914.D

Acq: 10 Jun 2019 18:52

Instrument :

MSVOA_F

ClientSampleId :

SB-9 0.5-1.0 060719RE

Tot Ion: 98 Resp: 530625

Ion Ratio Lower Upper

98 100

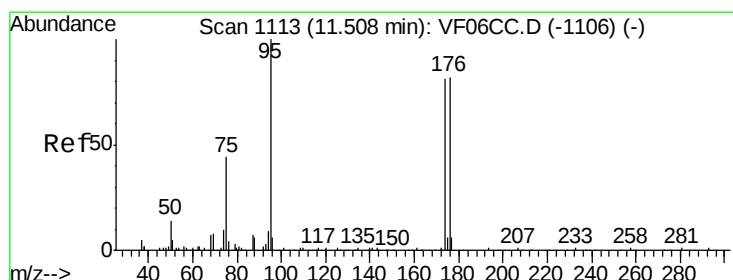
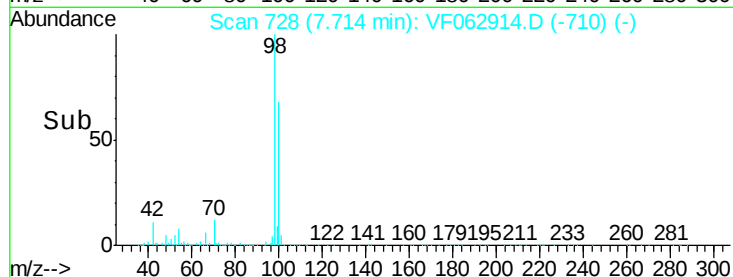
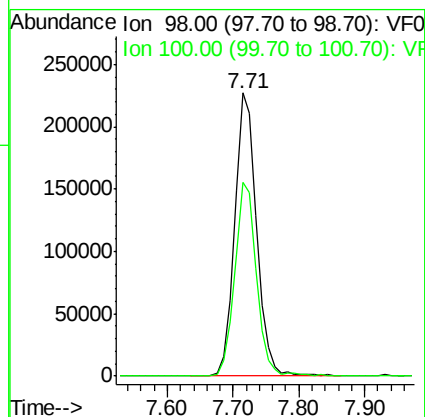
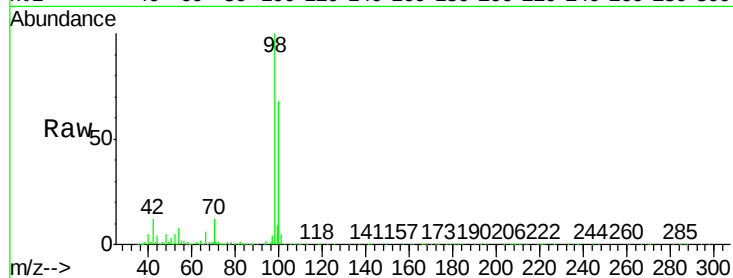
100 68.4 59.8 89.8

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#62

4-Bromofluorobenzene

Concen: 33.553 ug/l

RT: 11.50 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VF062914.D

Acq: 10 Jun 2019 18:52

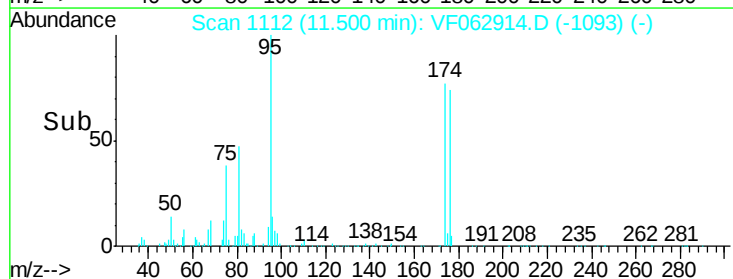
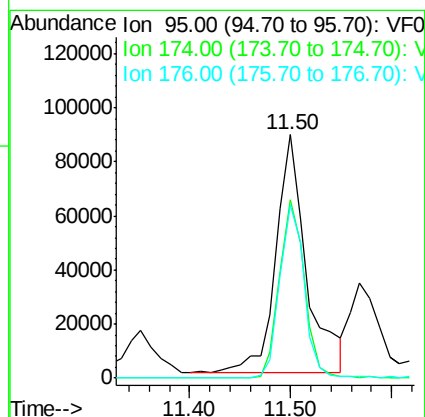
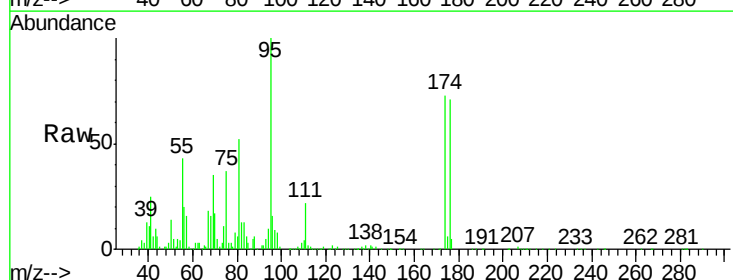
Tgt Ion: 95 Resp: 186537

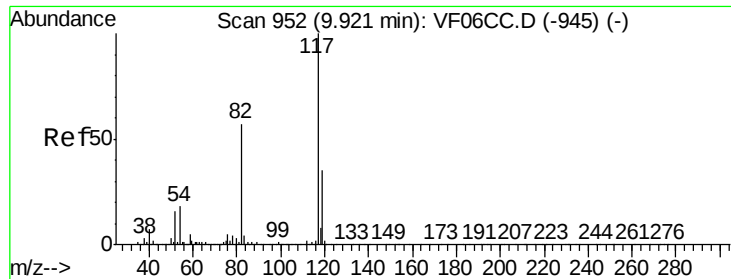
Ion Ratio Lower Upper

95 100

174 73.3 0.0 170.6

176 70.9 0.0 170.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.91 min Scan# 951

Delta R.T. -0.02 min

Lab File: VF062914.D

Acq: 10 Jun 2019 18:52

Instrument :

MSVOA_F

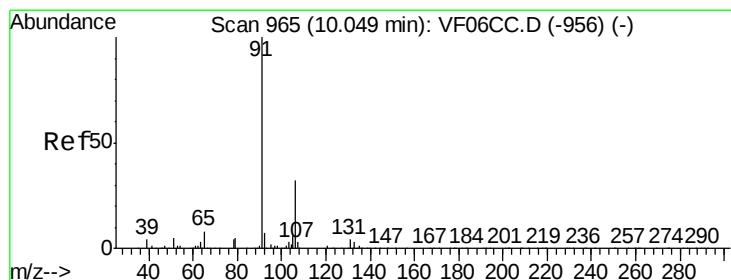
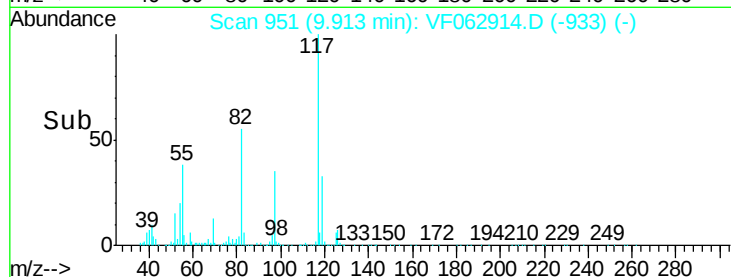
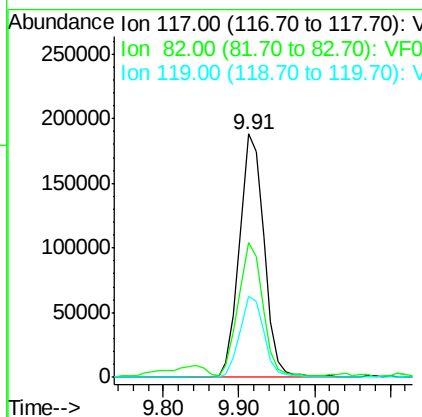
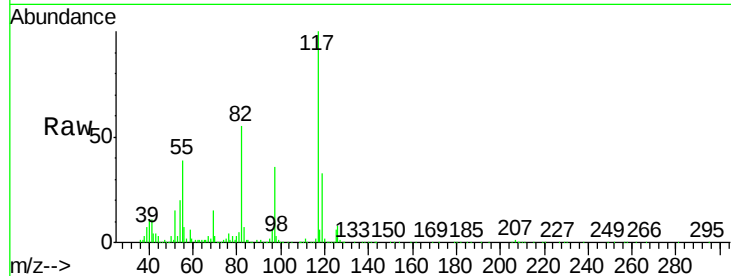
ClientSampleId :

SB-9 0.5-1.0 060719RE

Tot Ion:	117	Resp:	423940
Ion Ratio	Lower	Upper	
117	100		
82	55.2	42.4	63.6
119	33.3	27.1	40.7

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#67

Ethyl Benzene

Concen: 7.380 ug/l

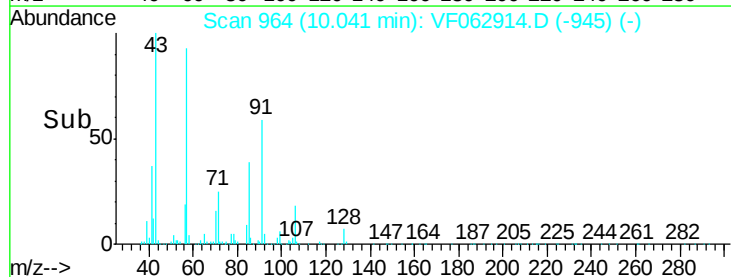
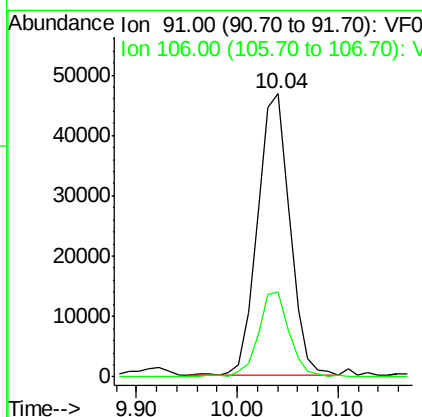
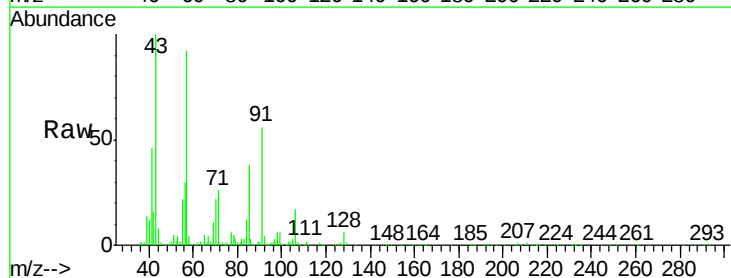
RT: 10.04 min Scan# 964

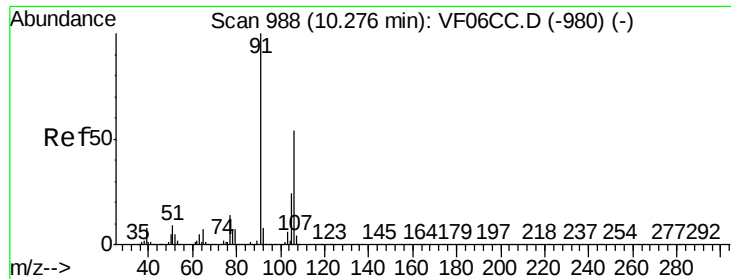
Delta R.T. -0.01 min

Lab File: VF062914.D

Acq: 10 Jun 2019 18:52

Tgt Ion:	91	Resp:	103688
Ion Ratio	Lower	Upper	
91	100		
106	30.2	26.0	39.0





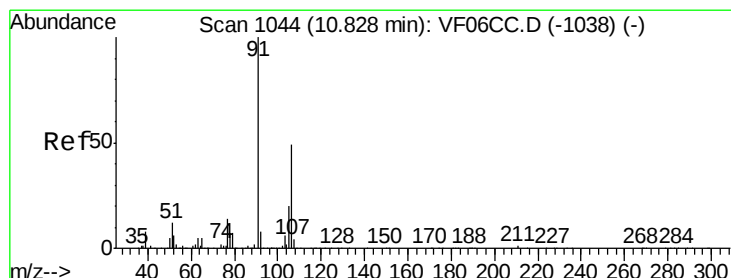
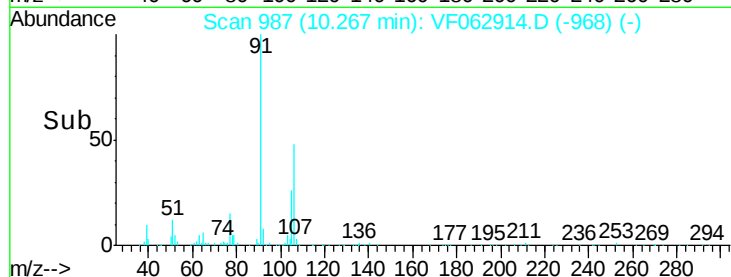
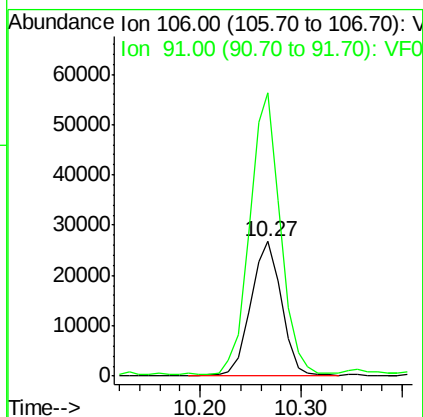
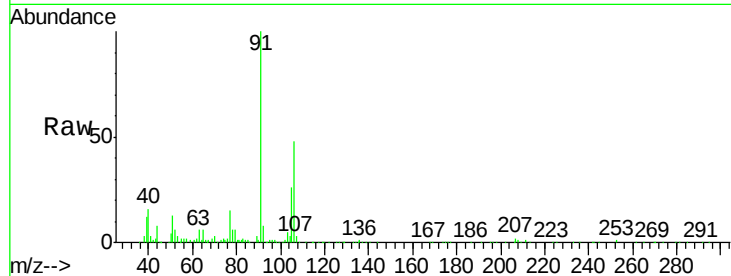
#68
m/p-Xylenes
Concen: 10.650 ug/l
RT: 10.27 min Scan# 987
Delta R.T. -0.01 min
Lab File: VF062914.D
Acq: 10 Jun 2019 18:52

Instrument :
MSVOA_F
ClientSampleId :
SB-9 0.5-1.0 060719RE

Tot Ion:106 Resp: 57253
Ion Ratio Lower Upper
106 100
91 210.2 136.2 204.4#

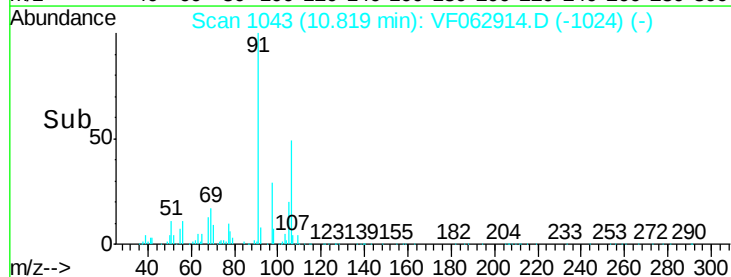
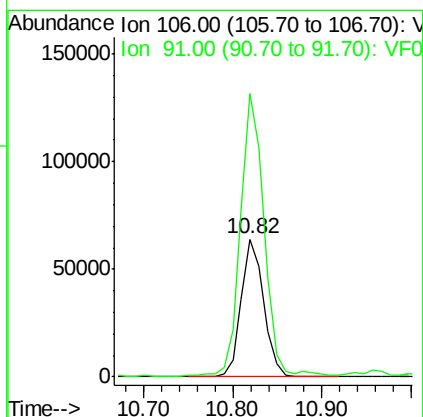
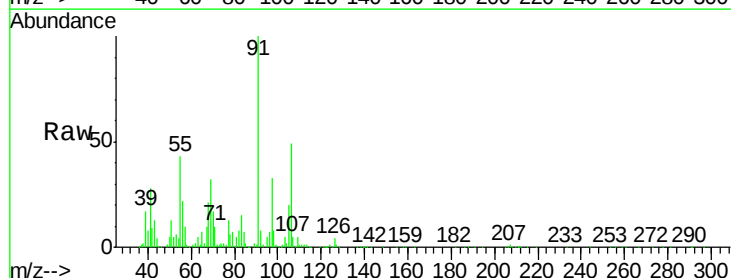
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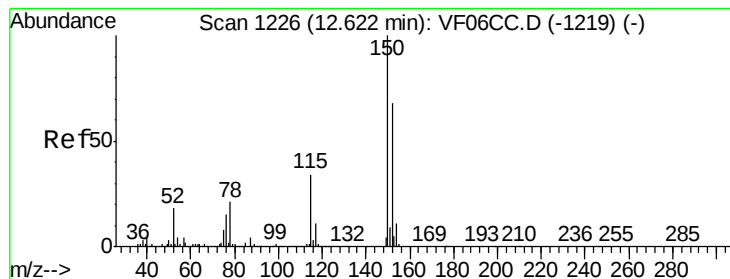
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#69
o-Xylene
Concen: 20.797 ug/l
RT: 10.82 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VF062914.D
Acq: 10 Jun 2019 18:52

Tgt Ion:106 Resp: 113200
Ion Ratio Lower Upper
106 100
91 205.5 96.6 289.8





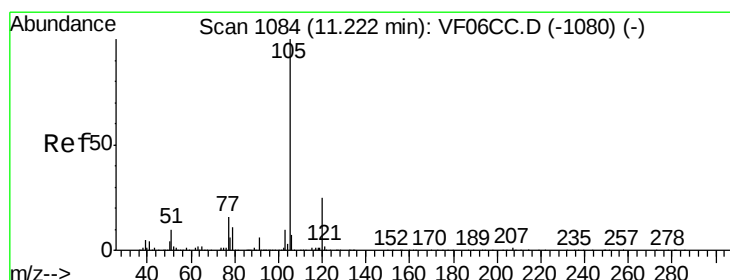
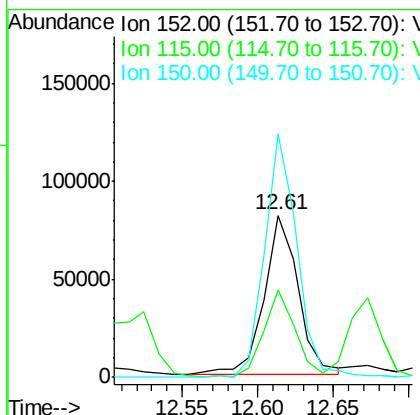
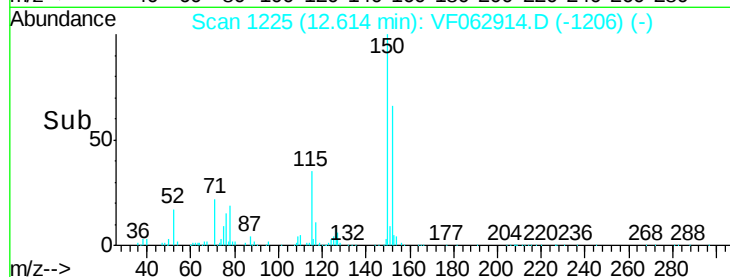
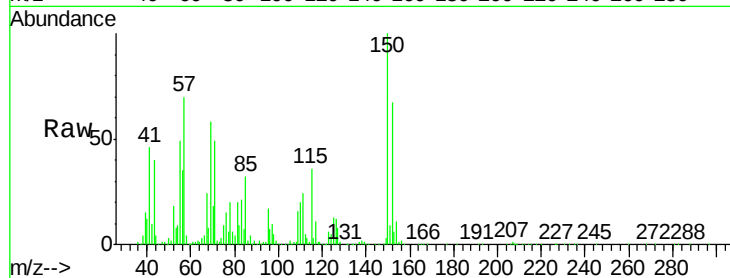
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.61 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: VF062914.D
 Acq: 10 Jun 2019 18:52

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9 0.5-1.0 060719RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.9	24.6	74.0
150	150.3	0.0	290.6

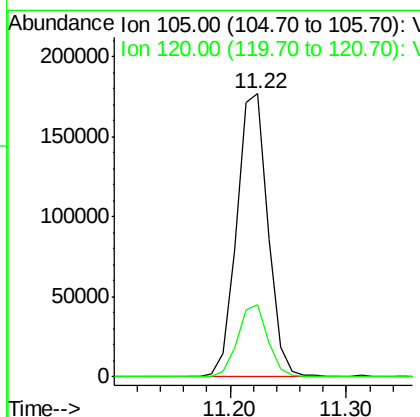
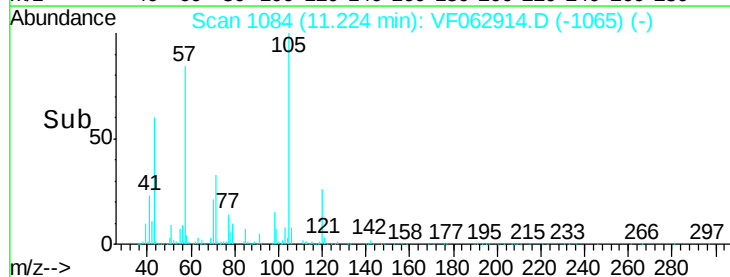
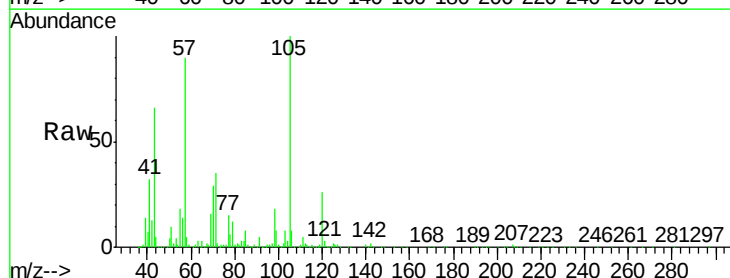
Manual Integrations
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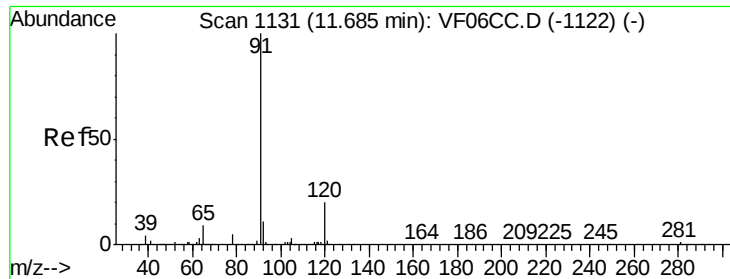
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#73
 Isopropylbenzene
 Concen: 36.319 ug/l
 RT: 11.22 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: VF062914.D
 Acq: 10 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.7	15.1	45.3





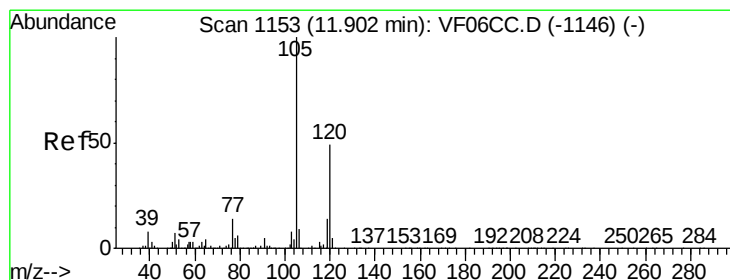
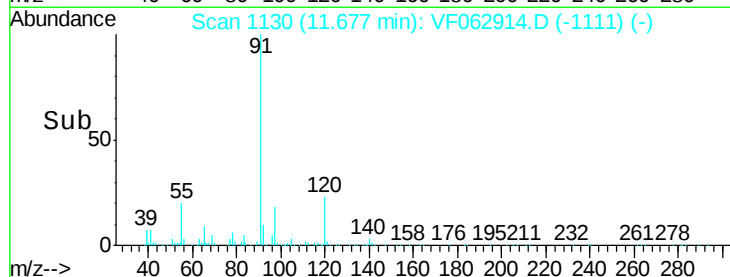
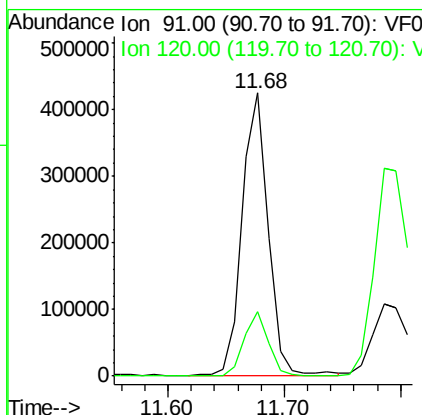
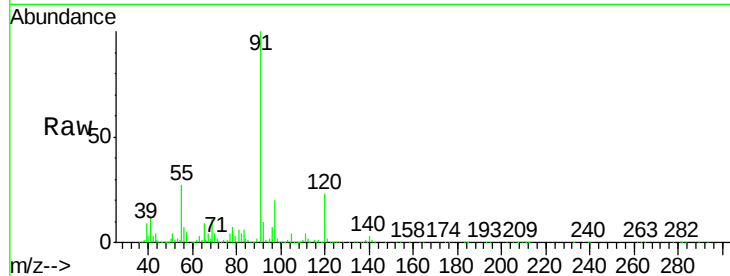
#78
n-propylbenzene
Concen: 60.246 ug/l
RT: 11.68 min Scan# 1130
Delta R.T. -0.01 min
Lab File: VF062914.D
Acq: 10 Jun 2019 18:52

Instrument :
MSVOA_F
ClientSampleId :
SB-9 0.5-1.0 060719RE

Tot Ion	Ratio	Lower	Upper
91	100		
120	22.8	12.8	38.4

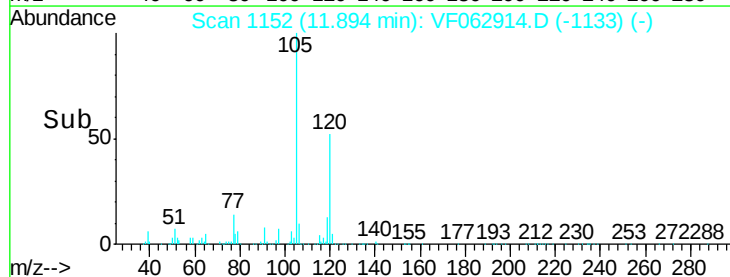
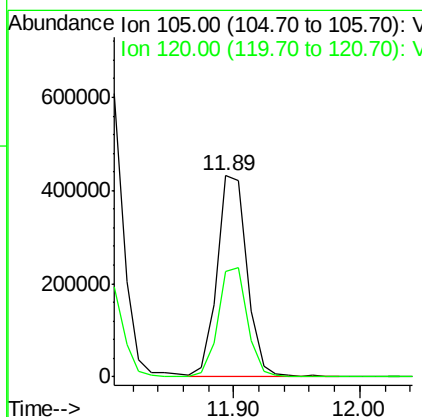
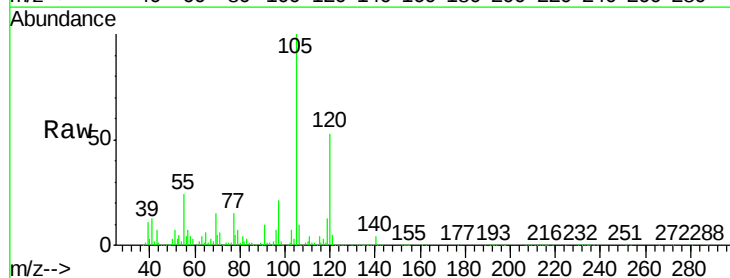
Manual Integrations
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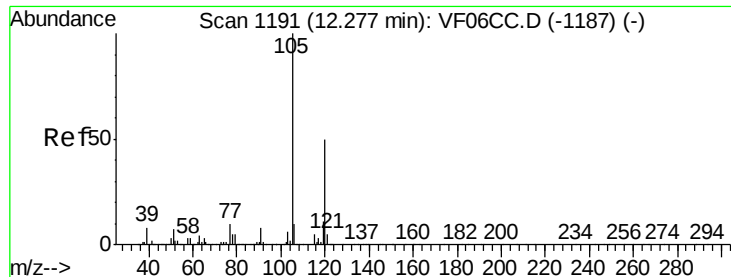
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#80
1,3,5-Trimethylbenzene
Concen: 95.702 ug/l
RT: 11.89 min Scan# 1152
Delta R.T. -0.01 min
Lab File: VF062914.D
Acq: 10 Jun 2019 18:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	52.8	28.7	86.1





#84

1,2,4-Trimethylbenzene

Concen: 128.958 ug/l

RT: 12.27 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VF062914.D

Acq: 10 Jun 2019 18:52

Instrument :

MSVOA_F

ClientSampleId :

SB-9 0.5-1.0 060719RE

Tot Ion:105 Resp: 903721

Ion Ratio Lower Upper

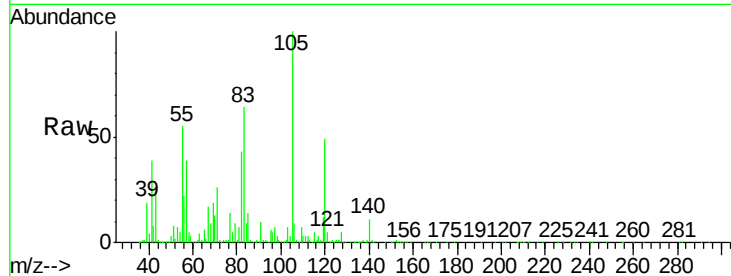
105 100

120 49.4 27.1 81.3

Manual Integrations
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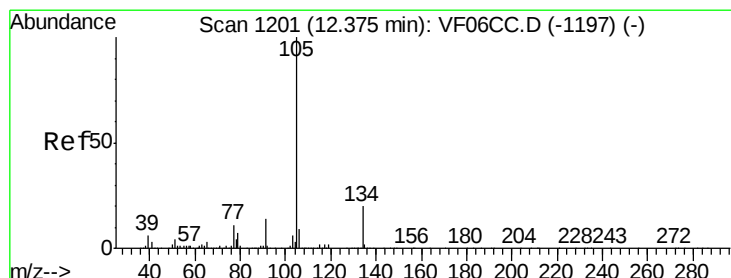
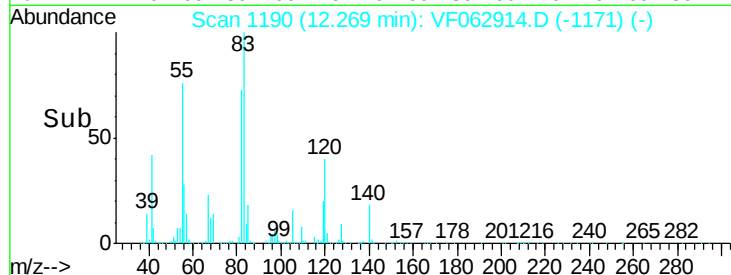
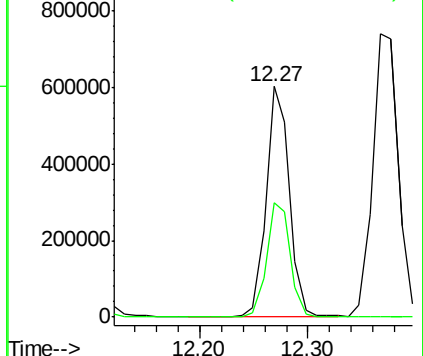
MMDadoda

6/11/2019 2:54:52 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 124.972 ug/l

RT: 12.37 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VF062914.D

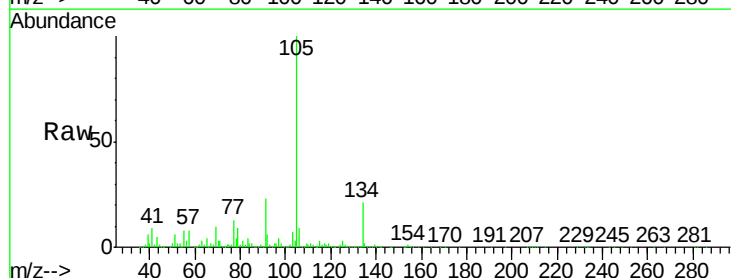
Acq: 10 Jun 2019 18:52

Tgt Ion:105 Resp: 1206040

Ion Ratio Lower Upper

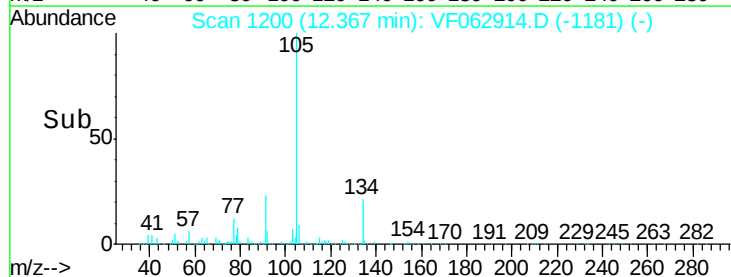
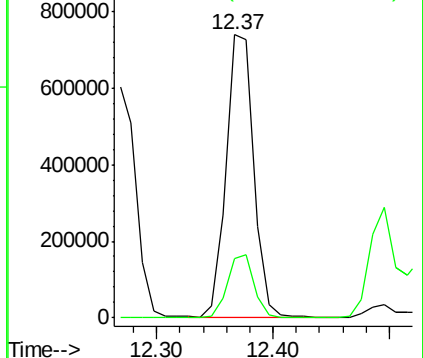
105 100

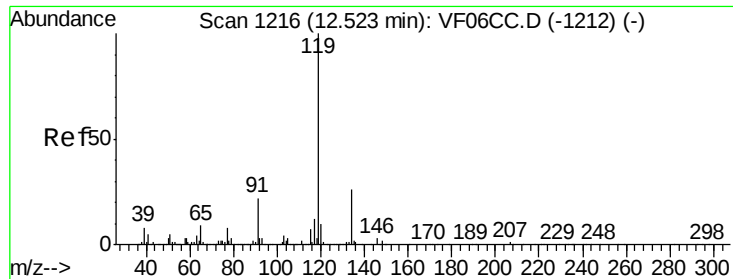
134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





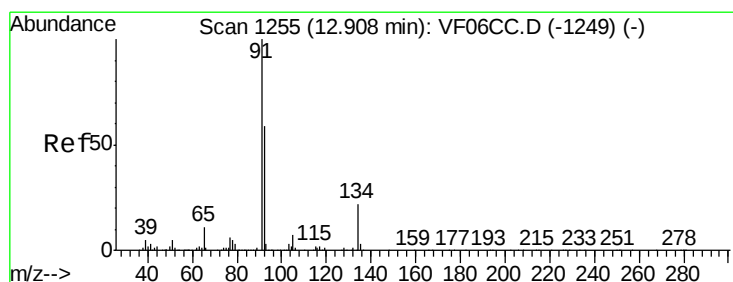
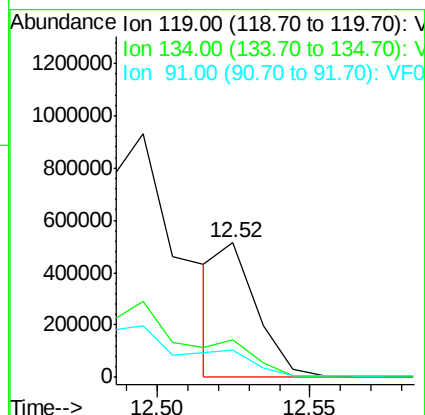
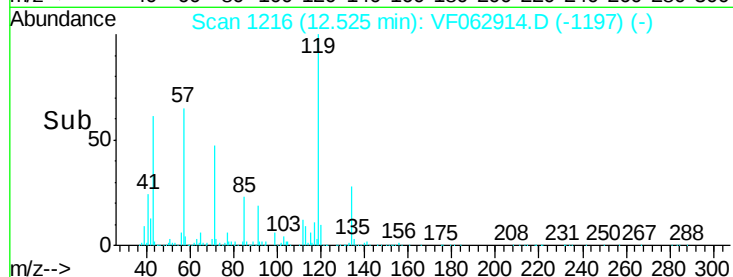
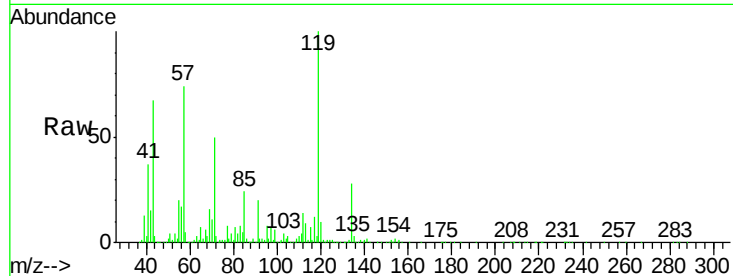
#86
p-Isopropyltoluene
Concen: 55.390 ug/l m
RT: 12.52 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF062914.D
Acq: 10 Jun 2019 18:52

Instrument :
MSVOA_F
ClientSampleId :
SB-9 0.5-1.0 060719RE

Tot Ion:	119	Resp:	444927
Ion Ratio	Lower	Upper	
119	100		
134	27.7	15.5	46.5
91	20.0	10.3	30.9

Manual Integrations
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#89
n-Butylbenzene
Concen: 99.505 ug/l
RT: 12.90 min Scan# 1254
Delta R.T. -0.01 min
Lab File: VF062914.D
Acq: 10 Jun 2019 18:52

Tgt Ion:	91	Resp:	804030
Ion Ratio	Lower	Upper	
91	100		
92	53.9	34.2	102.6
134	60.8	15.8	47.3#

