

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050719\
 Data File : VF062367.D
 Acq On : 7 May 2019 19:45
 Operator : FY/SY
 Sample : K2704-07
 Misc : 6.14g/5mL/MSVOA F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-1(35)

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 11:11:00 AM

Quant Time: May 08 01:34:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	379332	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	511321	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.89	117	405477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.61	152	221487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	160803	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
35) Dibromofluoromethane	4.29	113	189833	46.60	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	7.70	98	389106	39.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.92%	
62) 4-Bromofluorobenzene	11.48	95	166854	37.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.02%	
Target Compounds						
16) Acetone	2.34	43	42322	58.360	ug/l	96
20) Methylene Chloride	2.35	84	18197m	6.936	ug/l	
39) Methylcyclohexane	5.63	83	5519	1.253	ug/l #	73
78) n-propylbenzene	11.66	91	21312	1.525	ug/l	94
85) sec-Butylbenzene	12.36	105	29200	1.983	ug/l	81
89) n-Butylbenzene	12.89	91	18683	1.535	ug/l	94
95) Naphthalene	14.49	128	96247	11.716	ug/l #	92

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

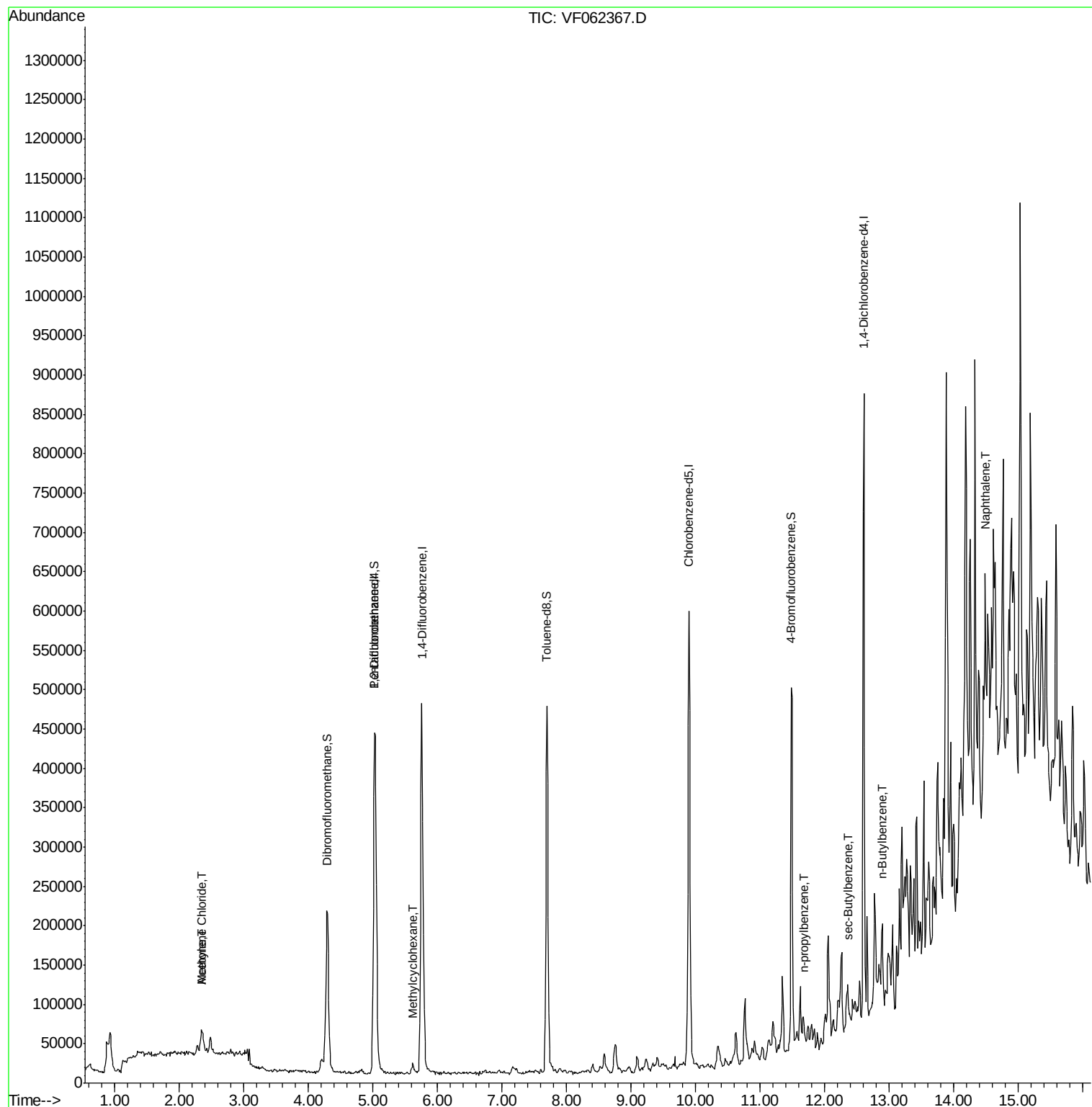
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050719\
Data File : VF062367.D
Acq On : 7 May 2019 19:45
Operator : FY/SY
Sample : K2704-07
Misc : 6.14g/5mL/MSVOA F/SOIL
ALS Vial : 21 Sample Multiplier: 1

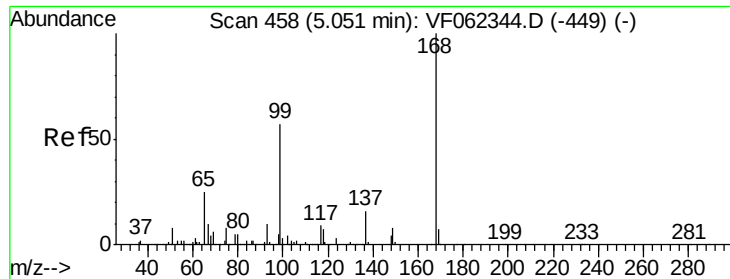
Instrument :
MSVOA_F
ClientSampleId :
SB-1(35)

Manual Integrations
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5/8/2019 11:11:00 AM

Quant Time: May 08 01:34:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062367.D

Acq: 7 May 2019 19:45

Instrument :

MSVOA_F

ClientSampleId :

SB-1(35)

Tot Ion:168 Resp: 379332

Ion Ratio Lower Upper

168 100

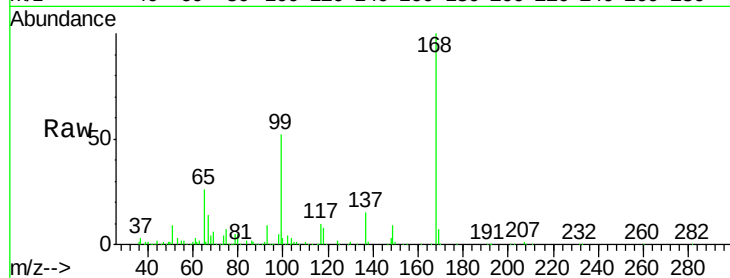
99 52.2 45.9 68.9

Manual Integrations

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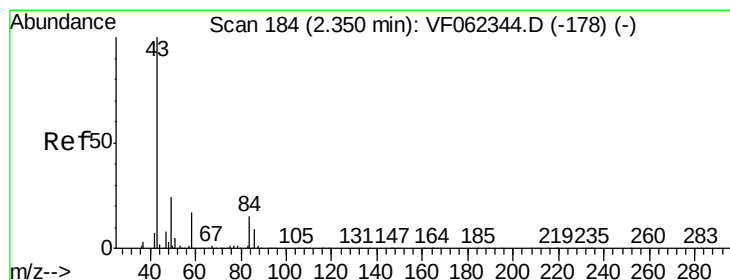
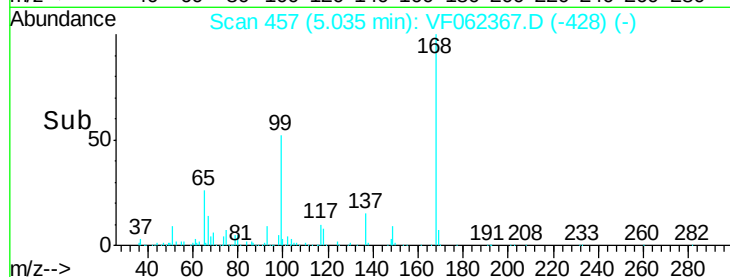
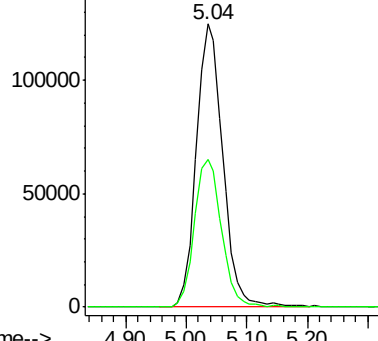
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Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#16

Acetone

Concen: 58.360 ug/l

RT: 2.34 min Scan# 184

Delta R.T. -0.01 min

Lab File: VF062367.D

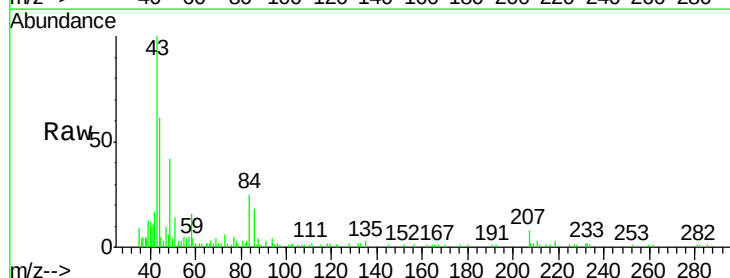
Acq: 7 May 2019 19:45

Tgt Ion: 43 Resp: 42322

Ion Ratio Lower Upper

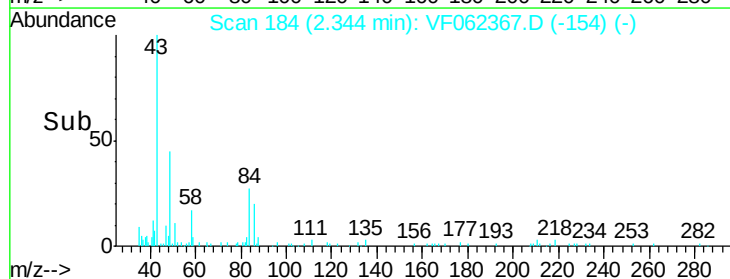
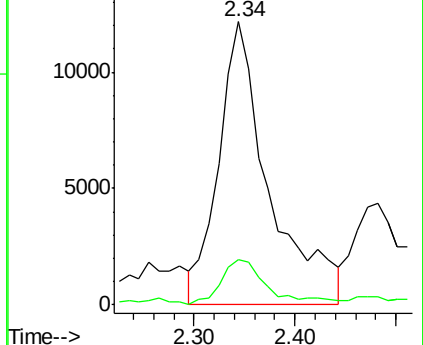
43 100

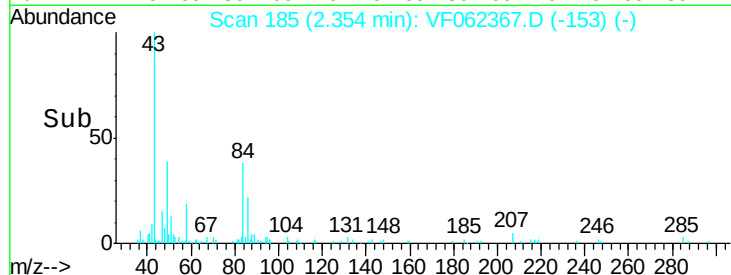
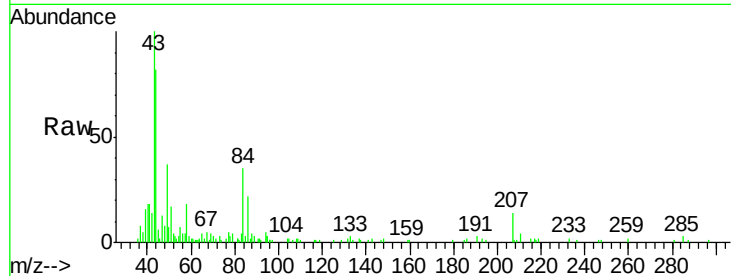
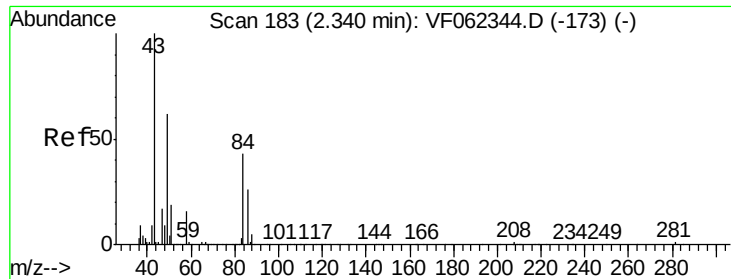
58 18.1 13.1 19.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





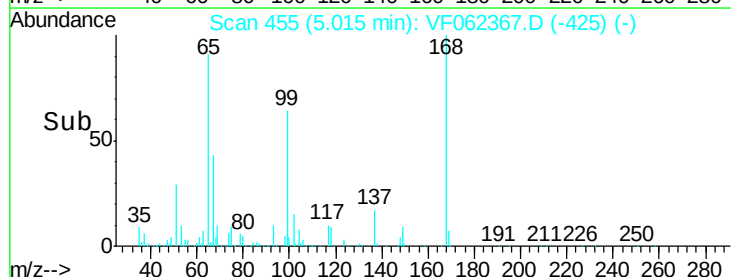
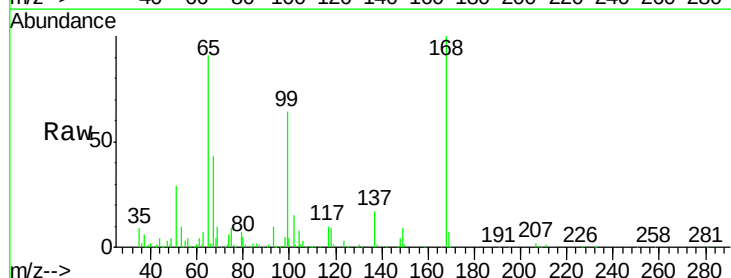
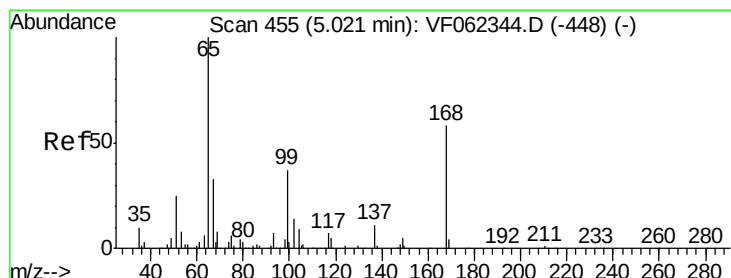
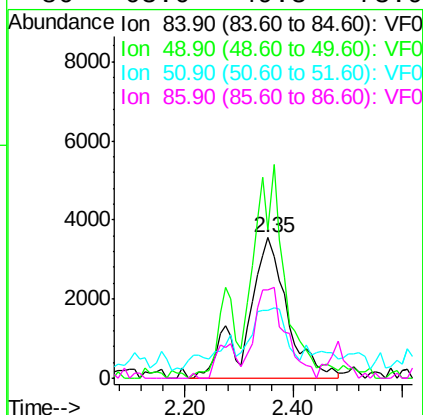
#20
Methylene Chloride
Concen: 6.936 ug/l m
RT: 2.35 min Scan# 185
Delta R.T. 0.01 min
Lab File: VF062367.D
Acq: 7 May 2019 19:45

Tot Ion	Ratio	Lower	Upper
84	100		
49	105.9	117.5	176.3#
51	48.8	37.0	55.4
86	63.0	49.3	73.9

Instrument :
MSVOA_F
ClientSampleId :
SB-1(35)

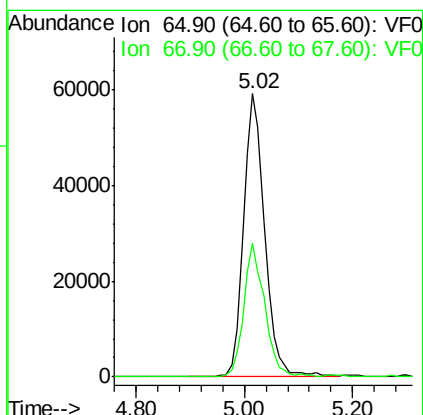
Manual Integrations
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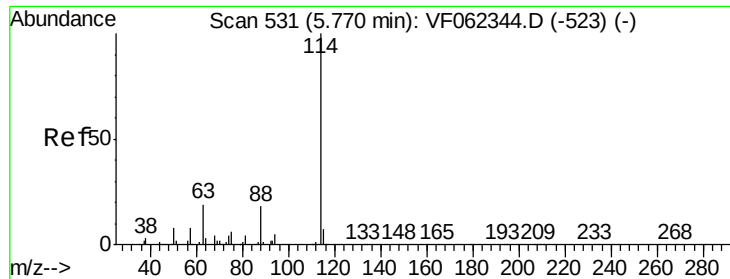
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#33
1,2-Dichloroethane-d4
Concen: 44.856 ug/l
RT: 5.02 min Scan# 455
Delta R.T. -0.01 min
Lab File: VF062367.D
Acq: 7 May 2019 19:45

Tgt Ion	Ratio	Lower	Upper
65	100		
67	46.8	0.0	85.8





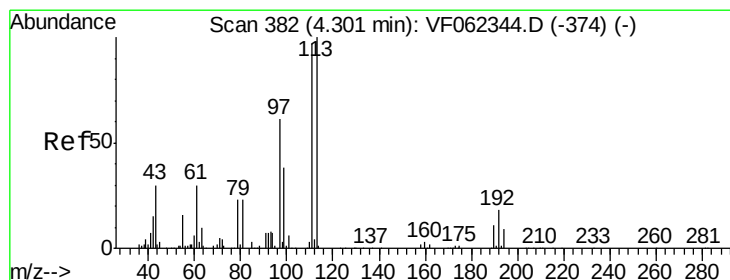
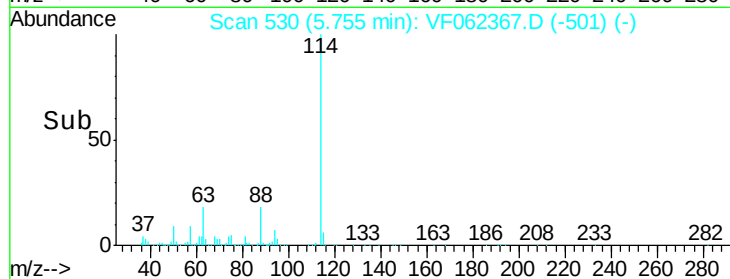
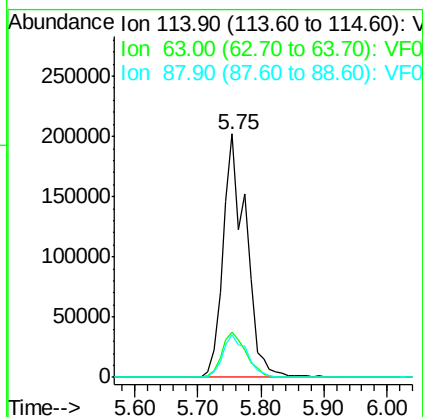
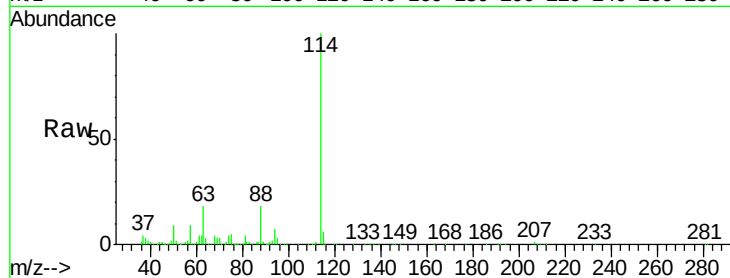
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 530
Delta R.T. -0.02 min
Lab File: VF062367.D
Acq: 7 May 2019 19:45

Instrument :
MSVOA_F
ClientSampleId :
SB-1(35)

Tot Ion:	114	Resp:	511321
Ion Ratio		Lower	Upper
114	100		
63	18.5	0.0	37.4
88	17.8	0.0	36.4

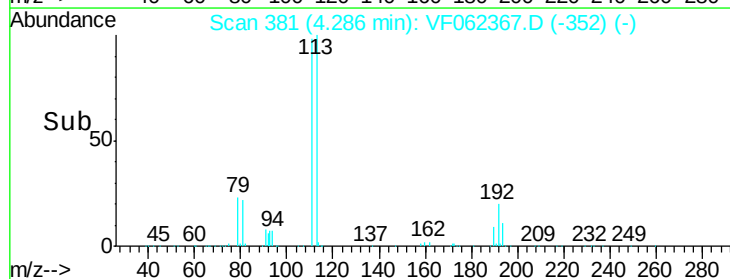
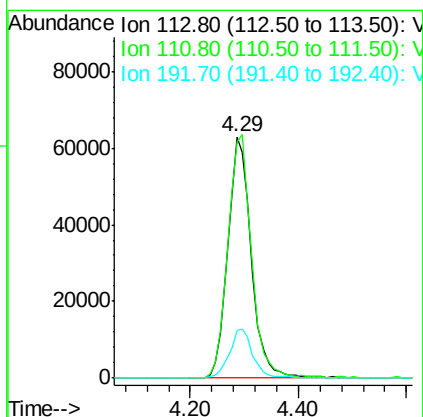
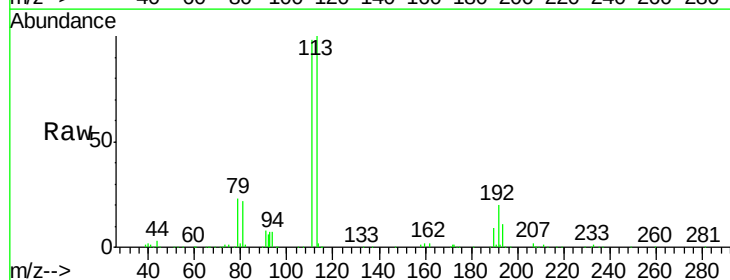
Manual Integrations
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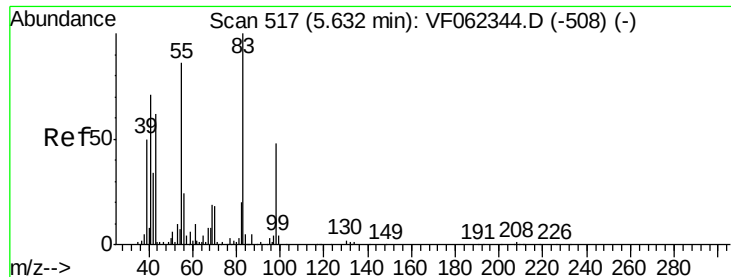
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#35
Dibromofluoromethane
Concen: 46.601 ug/l
RT: 4.29 min Scan# 381
Delta R.T. -0.02 min
Lab File: VF062367.D
Acq: 7 May 2019 19:45

Tgt Ion:	113	Resp:	189833
Ion Ratio		Lower	Upper
113	100		
111	102.2	79.4	119.0
192	20.2	16.0	24.0





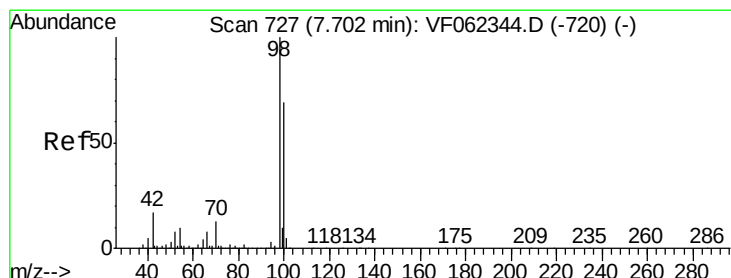
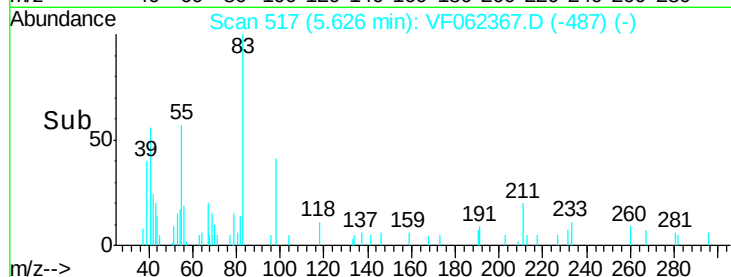
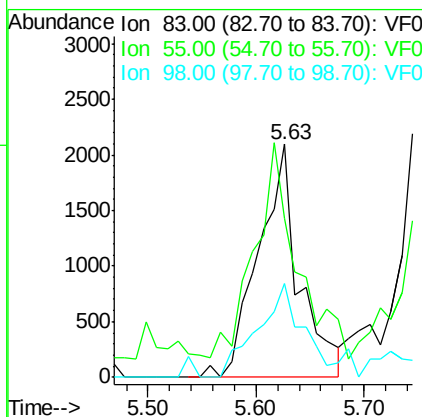
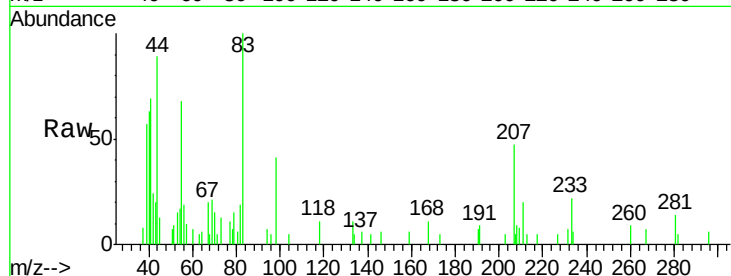
#39
Methylcyclohexane
Concen: 1.253 ug/l
RT: 5.63 min Scan# 517
Delta R.T. -0.01 min
Lab File: VF062367.D
Acq: 7 May 2019 19:45

Instrument :
MSVOA_F
ClientSampled :
SB-1(35)

Tot Ion	Ratio	Lower	Upper
83	100		
55	58.3	69.0	103.6#
98	34.2	38.6	58.0#

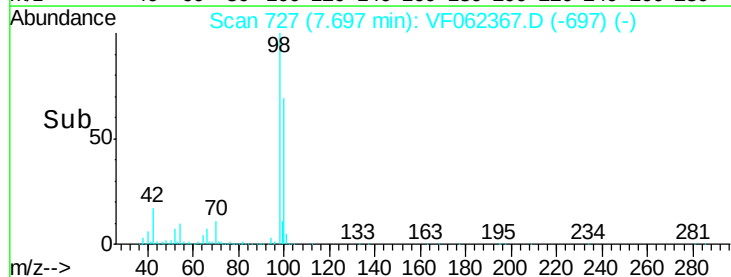
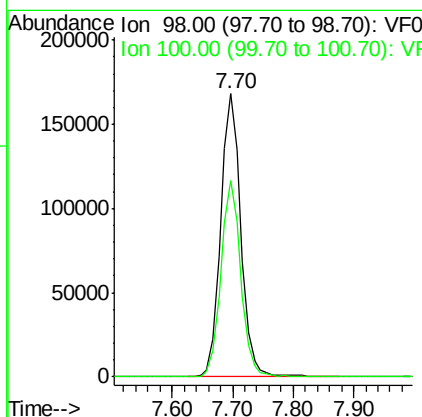
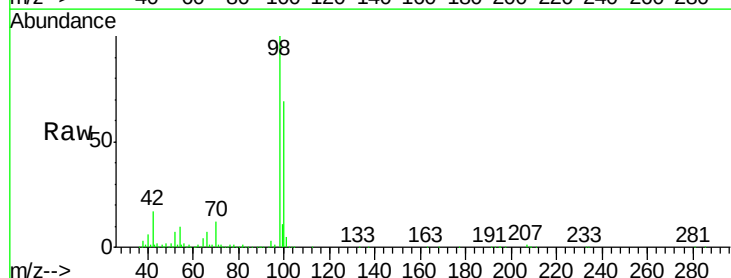
Manual Integrations
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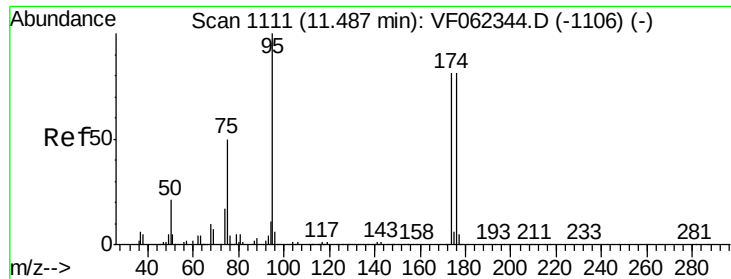
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#50
Toluene-d8
Concen: 39.460 ug/l
RT: 7.70 min Scan# 727
Delta R.T. -0.01 min
Lab File: VF062367.D
Acq: 7 May 2019 19:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.3	79.9





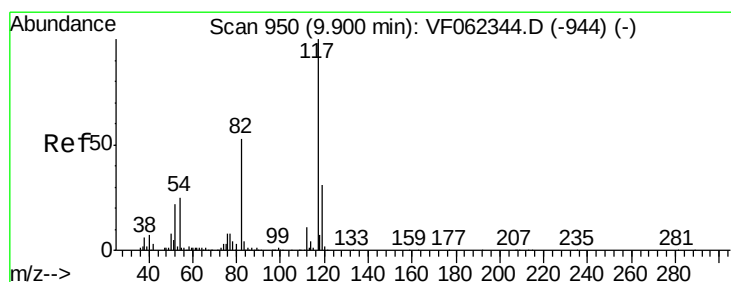
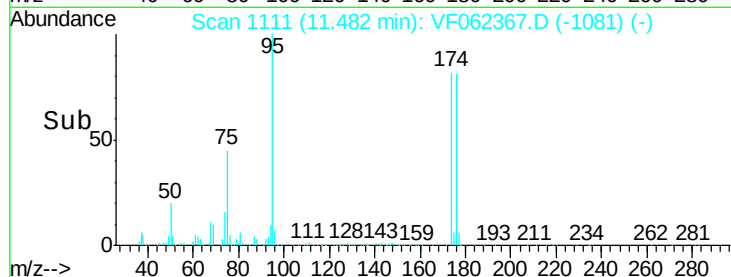
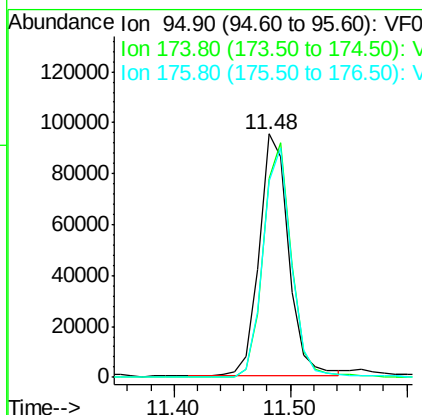
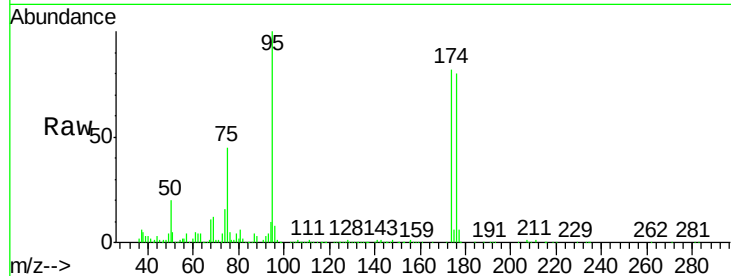
#62
4-Bromofluorobenzene
Concen: 37.505 ug/l
RT: 11.48 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VF062367.D
Acq: 7 May 2019 19:45

Instrument :
MSVOA_F
ClientSampleId :
SB-1(35)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	166854		
174	92.9	0.0	191.8	
176	92.3	0.0	193.2	

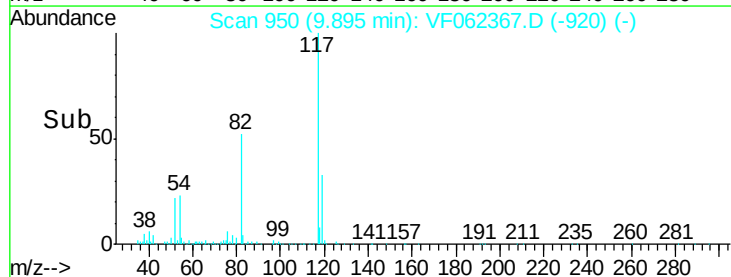
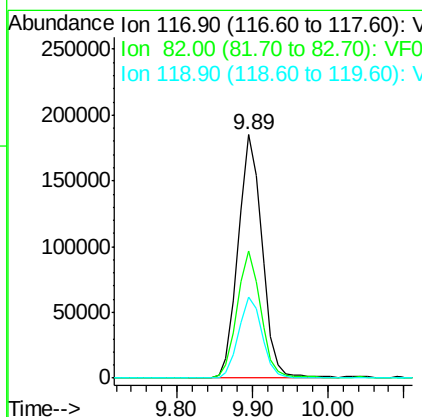
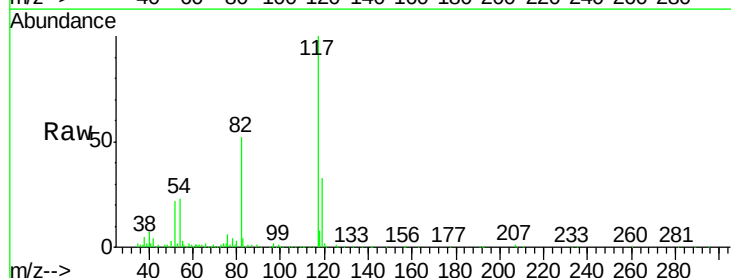
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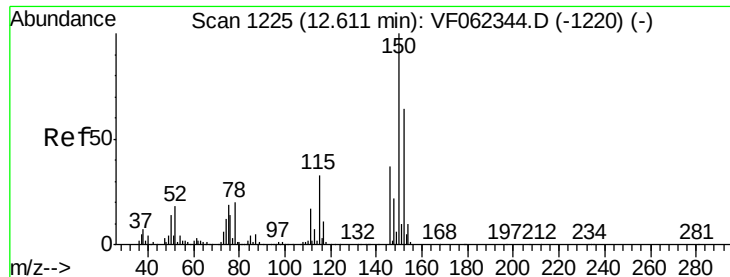
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5/8/2019 11:11:00 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.01 min
Lab File: VF062367.D
Acq: 7 May 2019 19:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	405477		
82	51.9	42.2	63.2	
119	33.4	25.0	37.4	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062367.D

Acq: 7 May 2019 19:45

Instrument :

MSVOA_F

ClientSampleId :

SB-1(35)

Tot Ion:152 Resp: 221487

Ion Ratio Lower Upper

152 100

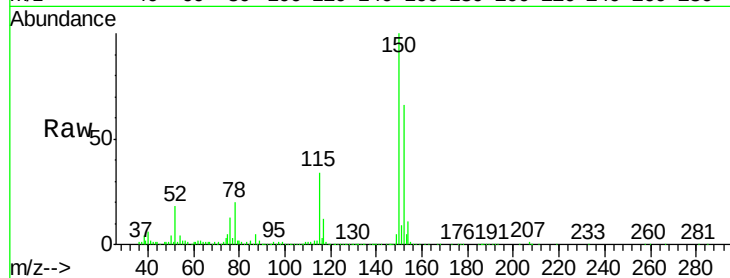
115 54.7 26.4 79.2

150 154.3 0.0 335.0

Manual Integrations
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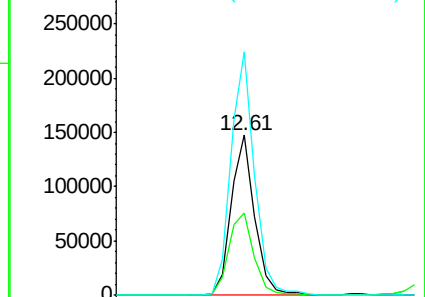
5/8/2019 11:11:00 AM



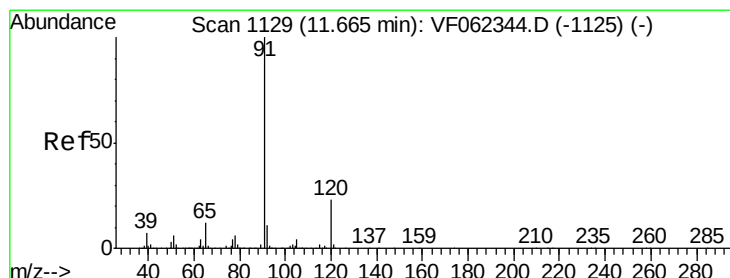
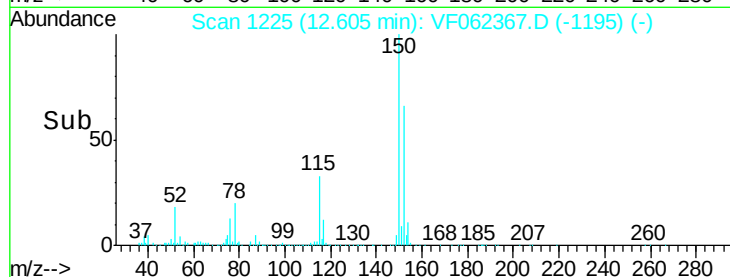
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



Time-->



#78

n-propylbenzene

Concen: 1.525 ug/l

RT: 11.66 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VF062367.D

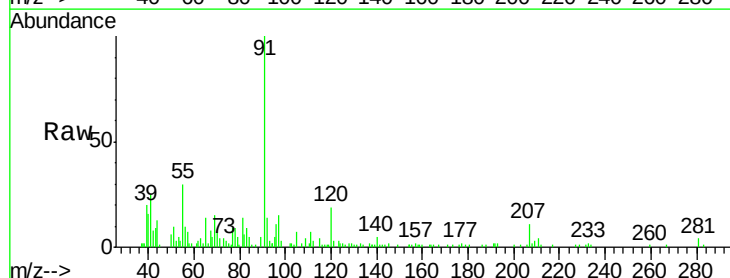
Acq: 7 May 2019 19:45

Tgt Ion: 91 Resp: 21312

Ion Ratio Lower Upper

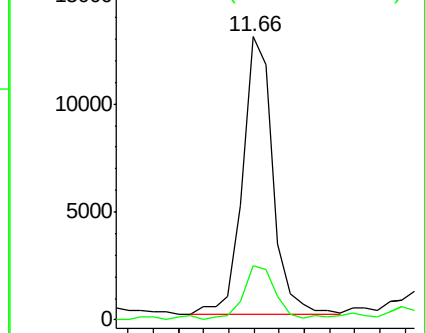
91 100

120 20.9 11.9 35.5

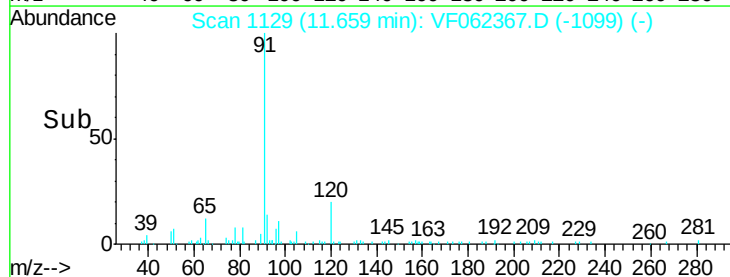


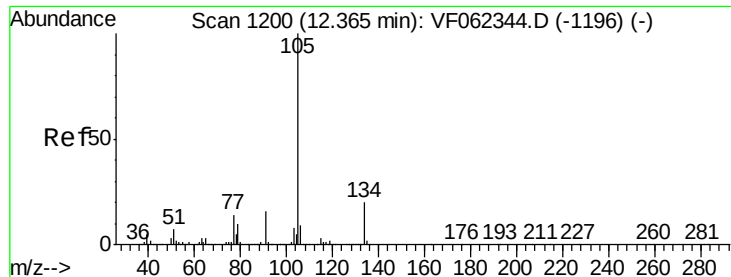
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



Time-->





#85

sec-Butylbenzene

Concen: 1.983 ug/l

RT: 12.36 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VF062367.D

Acq: 7 May 2019 19:45

Instrument :

MSVOA_F

ClientSampleId :

SB-1(35)

Tot Ion: 105 Resp: 29200

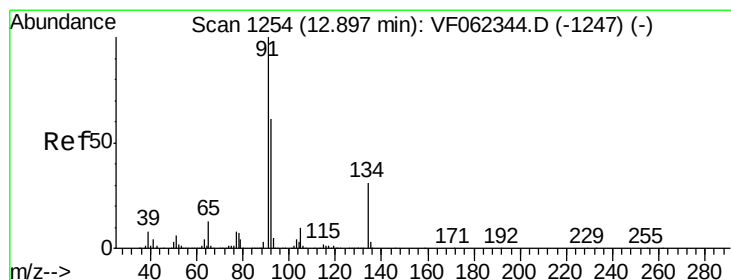
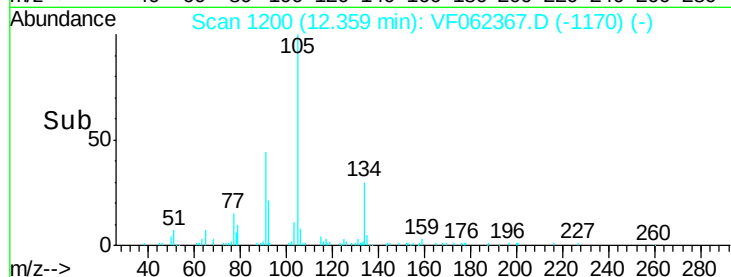
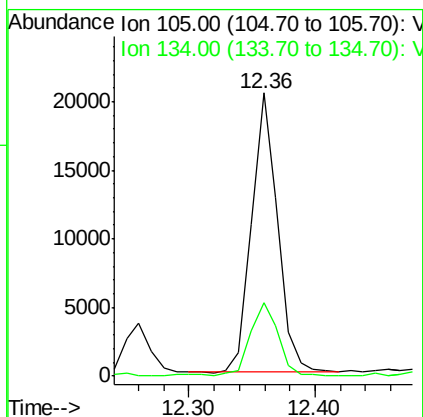
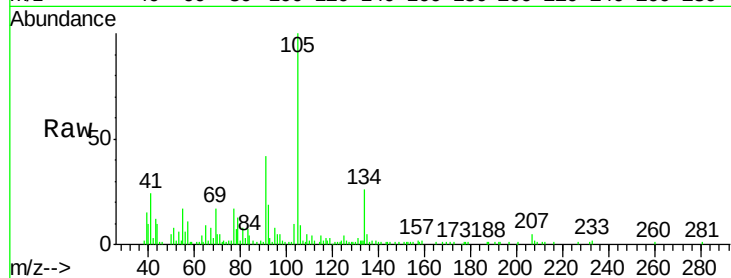
Ion Ratio Lower Upper

105 100

134 28.6 9.8 29.5

Manual Integrations
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5/8/2019 11:11:00 AM



#89

n-Butylbenzene

Concen: 1.535 ug/l

RT: 12.89 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VF062367.D

Acq: 7 May 2019 19:45

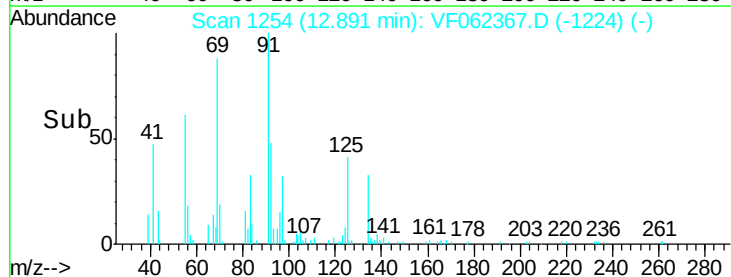
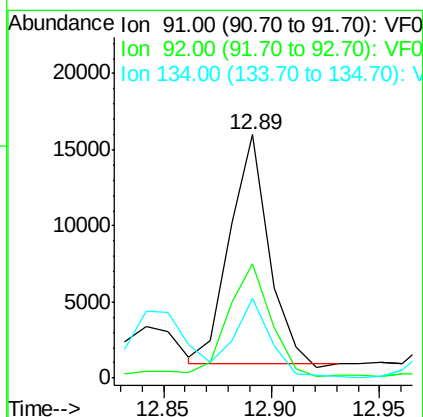
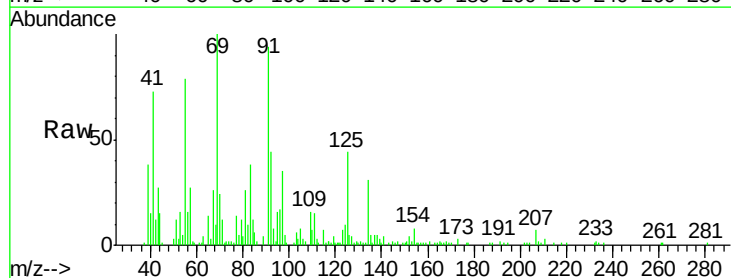
Tgt Ion: 91 Resp: 18683

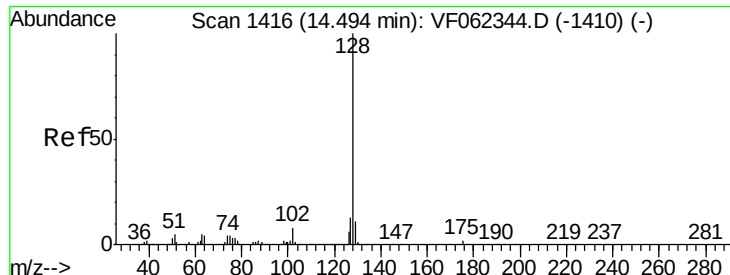
Ion Ratio Lower Upper

91 100

92 57.0 30.0 90.0

134 33.2 14.1 42.4





#95
Naphthalene
Concen: 11.716 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.01 min
Lab File: VF062367.D
Acq: 7 May 2019 19:45

Instrument :
MSVOA_F
ClientSampleId :
SB-1(35)

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.5	15.7
129	14.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
5/8/2019 11:11:00 AM

