

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110819\
 Data File : VW013948.D
 Acq On : 08 Nov 2019 16:46
 Operator : SY/VA
 Sample : K5742-09
 Misc : 9.03G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-37-(8-10)

Manual Integrations
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 11/12/2019 12:58:51 PM

Quant Time: Nov 09 04:12:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.91	168	247455	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.82	114	375339	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.63	117	299860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	93157	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.28	65	98016	52.80	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	105.60%	
35) Dibromofluoromethane	7.87	113	91279	43.77	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	87.54%	
50) Toluene-d8	10.31	98	442227	52.04	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	12.63	95	113112	39.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	78.62%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.76	84	37867m	14.074	ug/l	
39) Methylcyclohexane	9.29	83	14699	3.256	ug/l	93
52) Toluene	10.38	92	13687	2.145	ug/l	98
67) Ethyl Benzene	11.73	91	13073	1.177	ug/l	99
68) m/p-Xylenes	11.83	106	17678	4.118	ug/l	95
78) n-propylbenzene	12.81	91	9506	1.228	ug/l	89
80) 1,3,5-Trimethylbenzene	12.94	105	14827	2.625	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	45237	8.120	ug/l	98

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

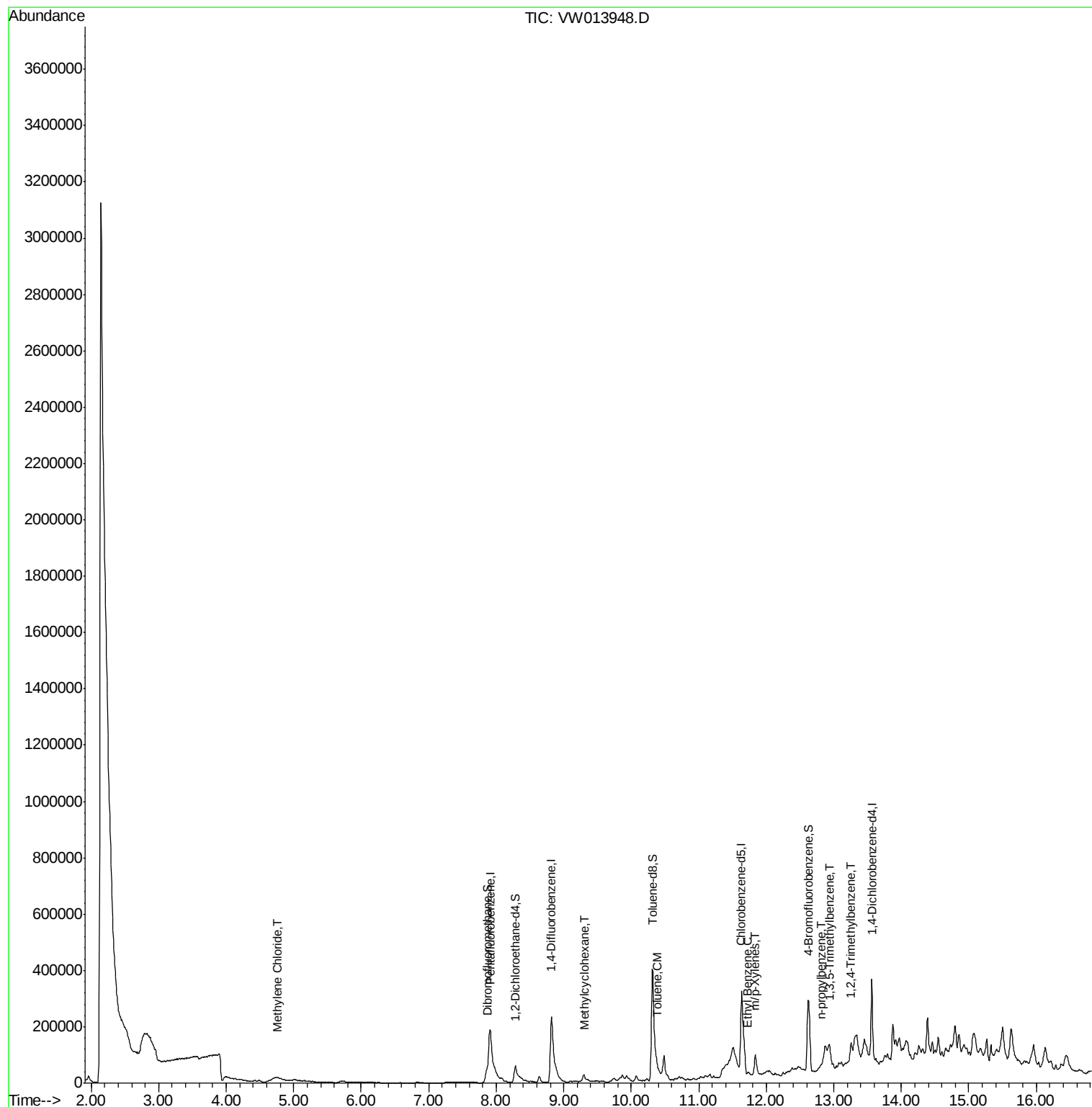
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110819\
Data File : VW013948.D
Acq On : 08 Nov 2019 16:46
Operator : SY/VA
Sample : K5742-09
Misc : 9.03G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

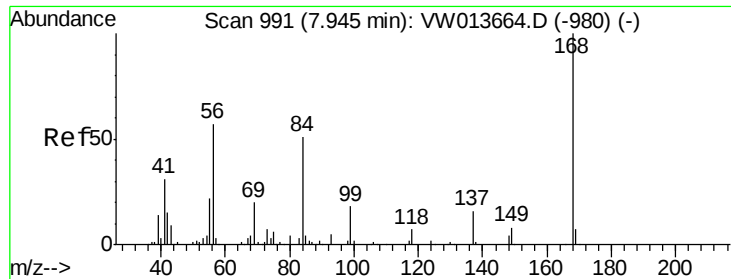
Instrument :
MSVOA_W
ClientSampleId :
SB-37-(8-10)

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Quant Time: Nov 09 04:12:46 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.91 min Scan# 985

Delta R.T. -0.04 min

Lab File: VW013948.D

Acq: 08 Nov 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

SB-37-(8-10)

Tot Ion:168 Resp: 247455

Ion Ratio Lower Upper

168 100

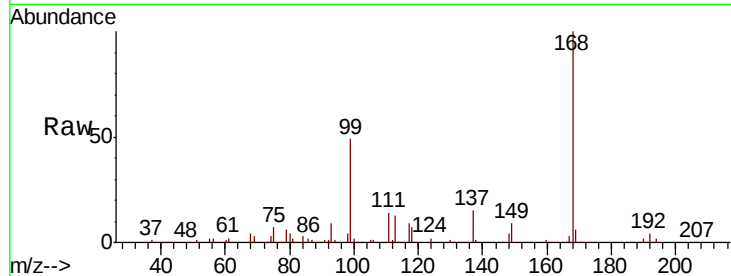
99 48.8 39.0 58.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

60000

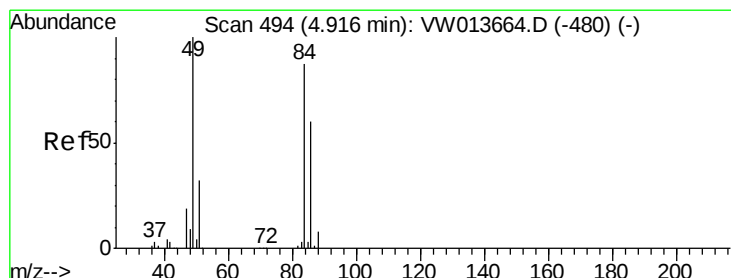
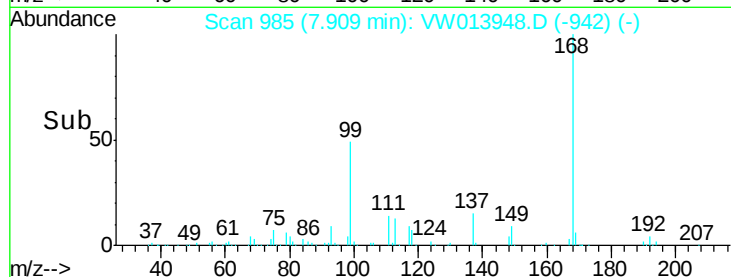
40000

20000

0

7.80 7.91 8.00 8.20

Time-->



#20

Methylene Chloride

Concen: 14.074 ug/l m

RT: 4.76 min Scan# 469

Delta R.T. -0.15 min

Lab File: VW013948.D

Acq: 08 Nov 2019 16:46

Tgt Ion: 84 Resp: 37867

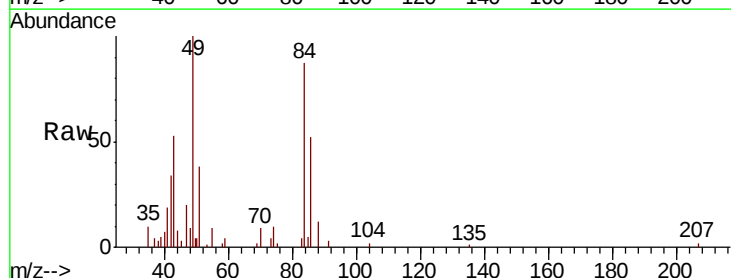
Ion Ratio Lower Upper

84 100

49 115.1 91.8 137.6

51 43.5 29.8 44.6

86 59.8 55.2 82.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

6000

5000

4000

3000

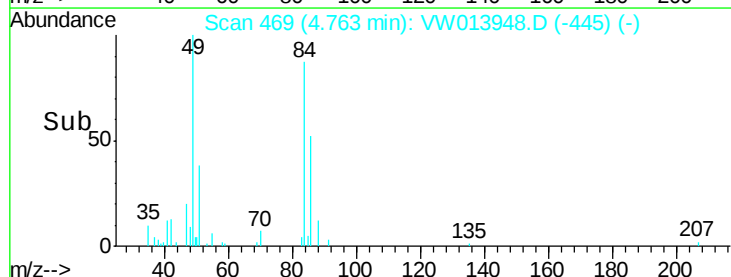
2000

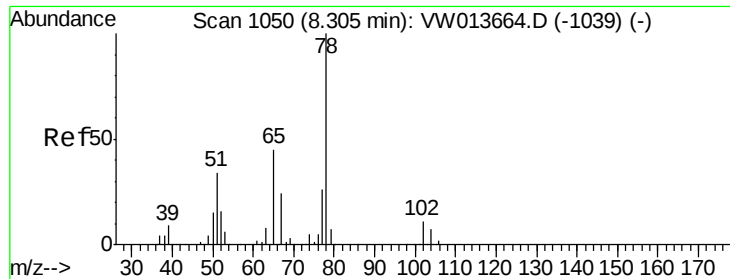
1000

0

4.40 4.60 4.80 5.00 5.20

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.801 ug/l

RT: 8.28 min Scan# 1046

Delta R.T. -0.02 min

Lab File: VW013948.D

Acq: 08 Nov 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

SB-37-(8-10)

Tot Ion: 65 Resp: 98016

Ion Ratio Lower Upper

65 100

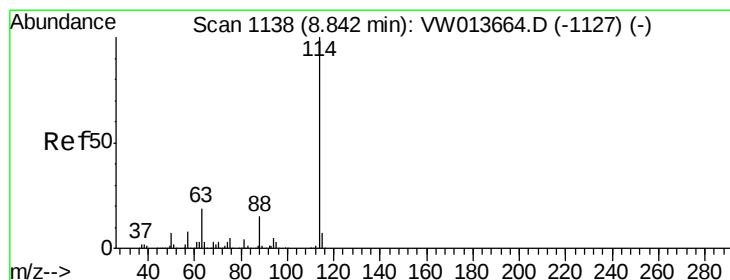
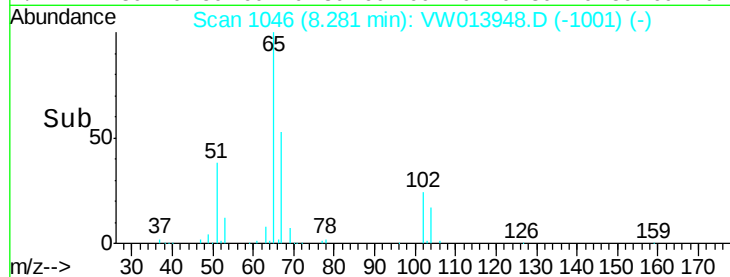
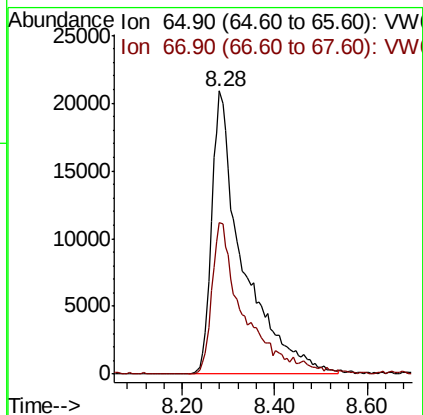
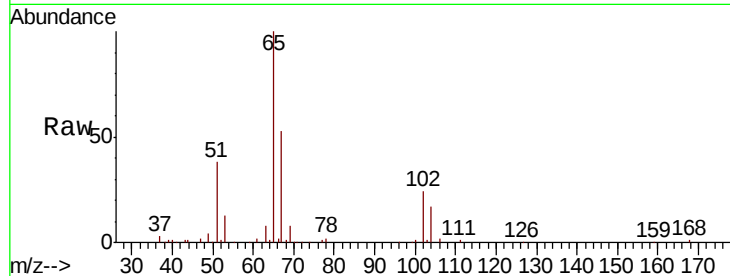
67 52.9 0.0 109.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.82 min Scan# 1134

Delta R.T. -0.02 min

Lab File: VW013948.D

Acq: 08 Nov 2019 16:46

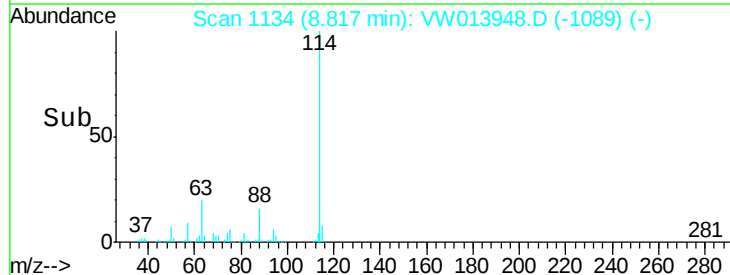
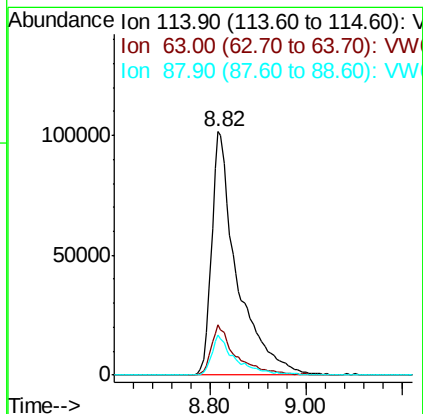
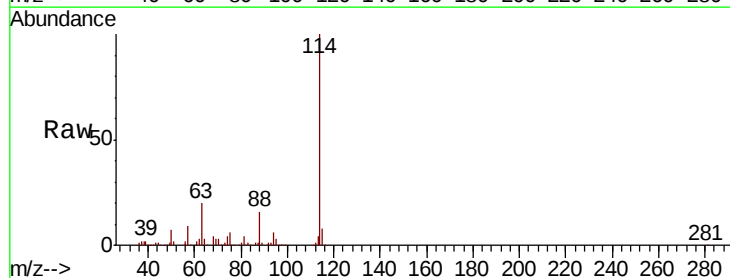
Tgt Ion: 114 Resp: 375339

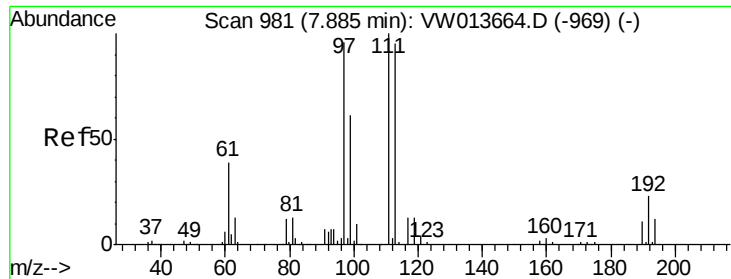
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.6

88 16.5 0.0 30.2





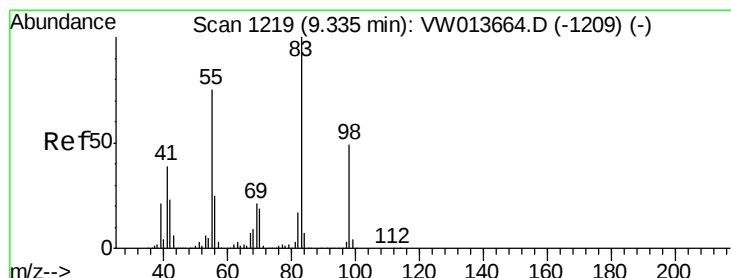
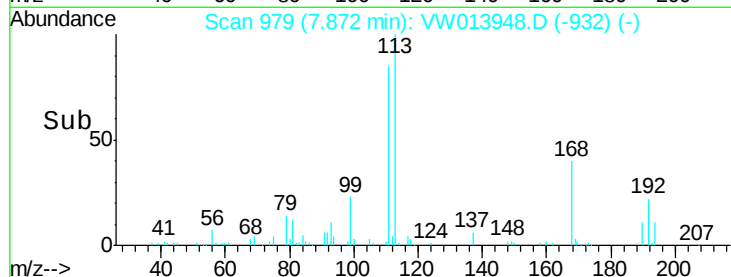
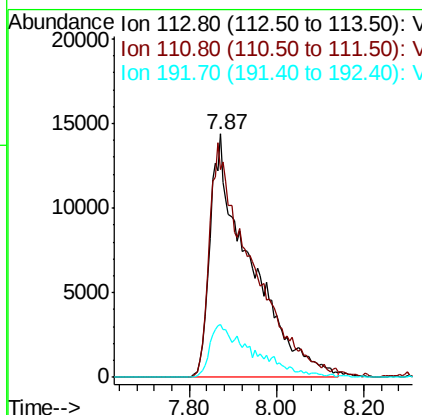
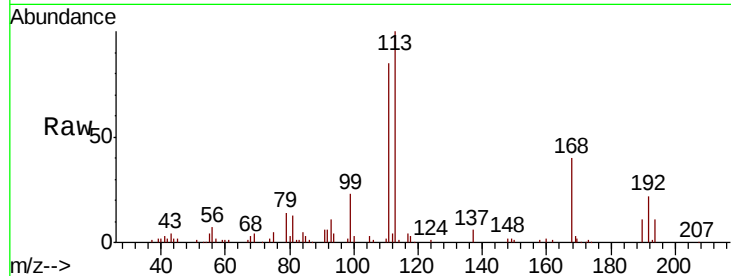
#35
Dibromofluoromethane
Concen: 43.767 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW013948.D
Acq: 08 Nov 2019 16:46

Instrument :
MSVOA_W
ClientSampleId :
SB-37-(8-10)

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.0	124.6
192	10.6	19.4	29.2

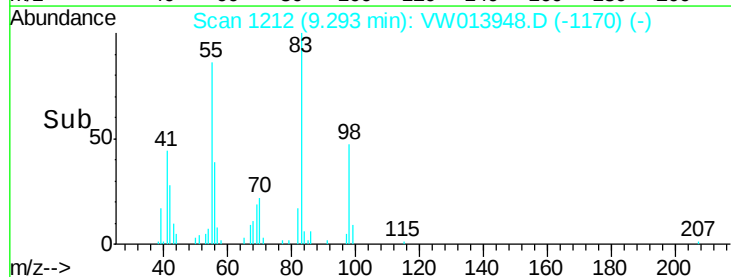
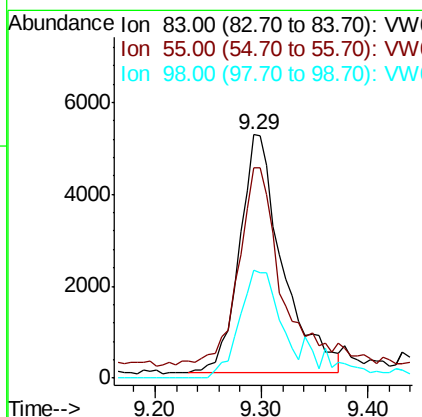
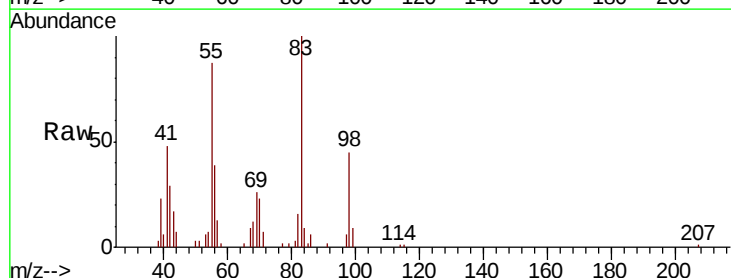
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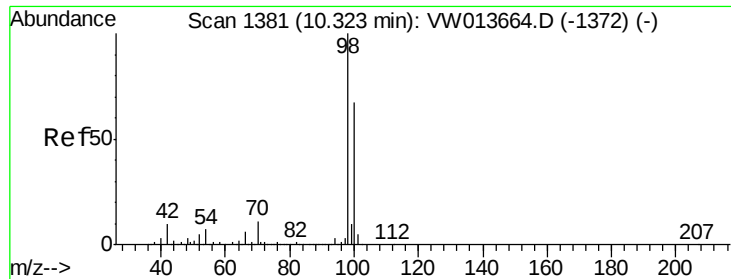
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#39
Methylcyclohexane
Concen: 3.256 ug/l
RT: 9.29 min Scan# 1212
Delta R.T. -0.04 min
Lab File: VW013948.D
Acq: 08 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.3	59.9	89.9
98	45.5	39.4	59.2





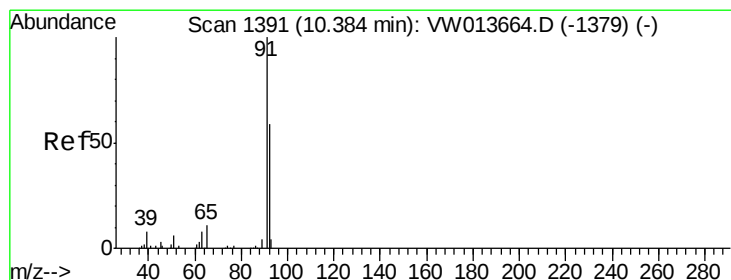
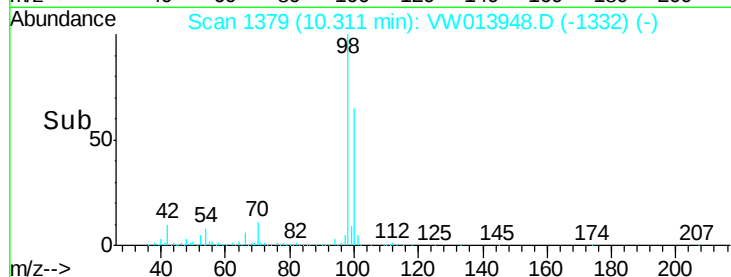
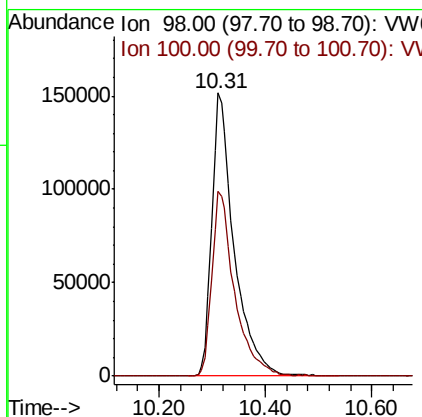
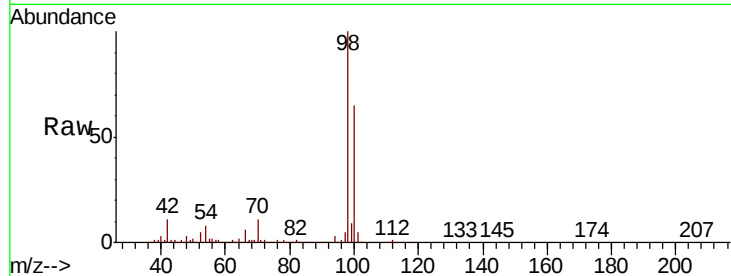
#50
Toluene-d8
Concen: 52.037 ug/l
RT: 10.31 min Scan# 1379
Delta R.T. -0.01 min
Lab File: VW013948.D
Acq: 08 Nov 2019 16:46

Instrument :
MSVOA_W
ClientSampleId :
SB-37-(8-10)

Tot Ion: 98 Resp: 442227
Ion Ratio Lower Upper
98 100
100 66.1 53.4 80.0

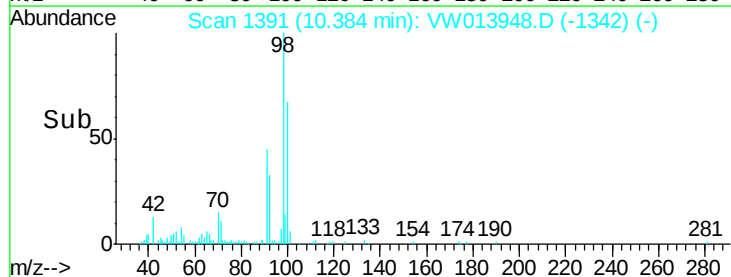
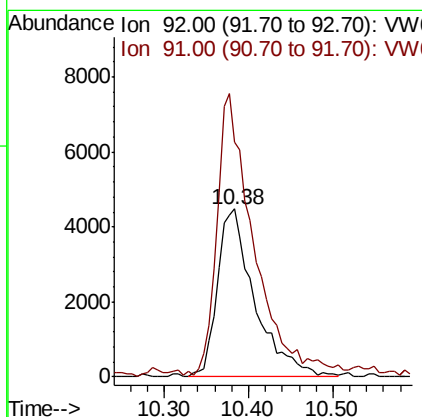
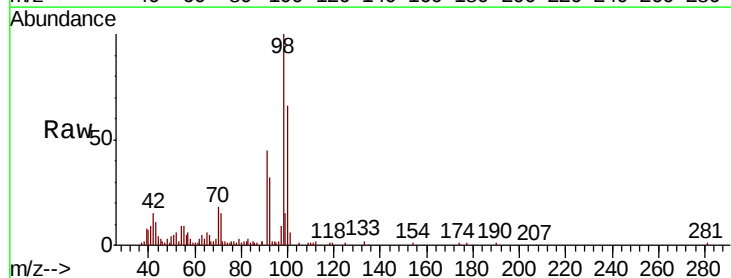
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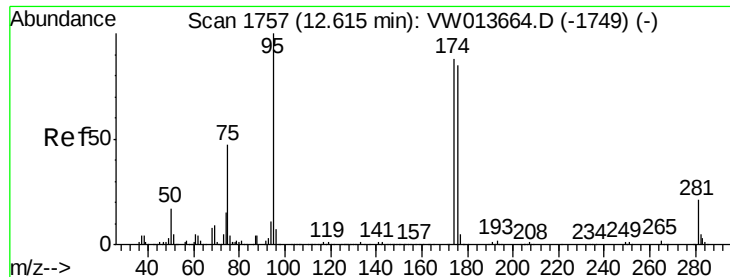
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#52
Toluene
Concen: 2.145 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013948.D
Acq: 08 Nov 2019 16:46

Tgt Ion: 92 Resp: 13687
Ion Ratio Lower Upper
92 100
91 165.9 134.5 201.7





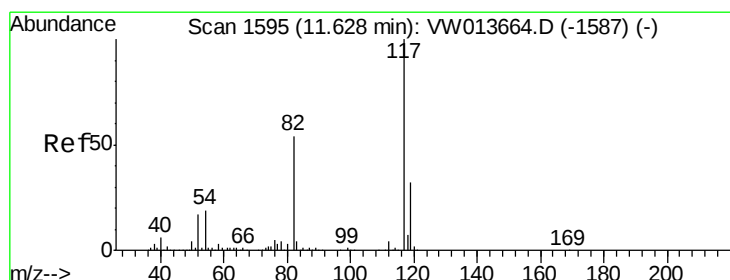
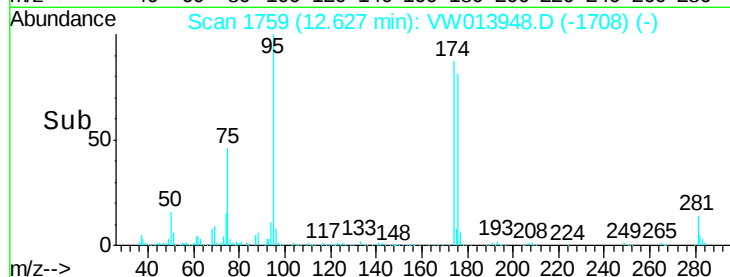
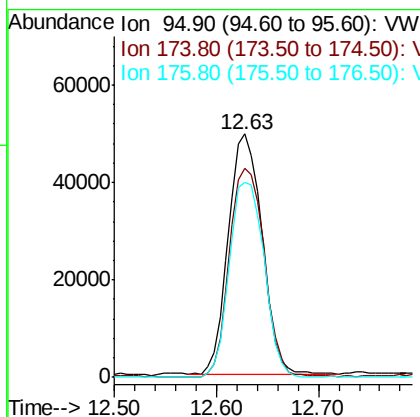
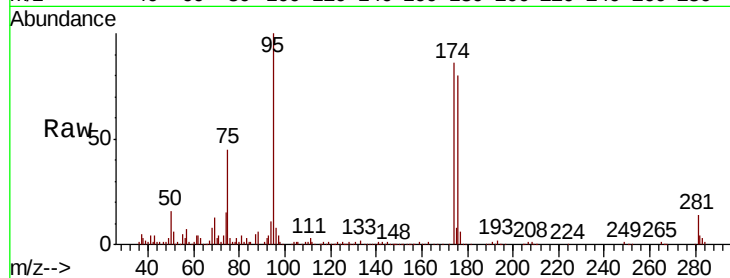
#62
4-Bromofluorobenzene
Concen: 39.309 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW013948.D
Acq: 08 Nov 2019 16:46

Instrument :
MSVOA_W
ClientSampleId :
SB-37-(8-10)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	113112		
174	89.7	0.0	183.6	
176	84.3	0.0	178.0	

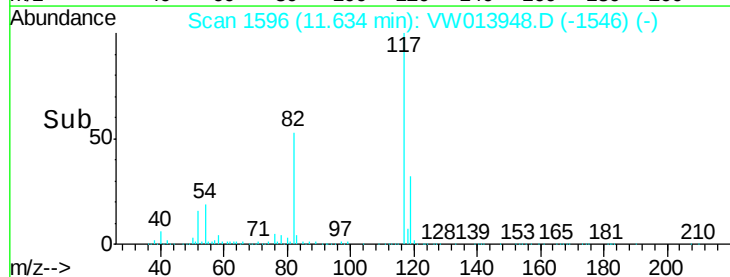
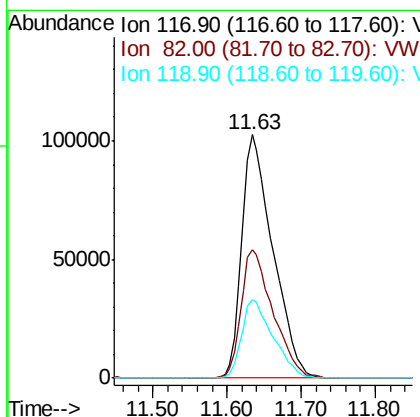
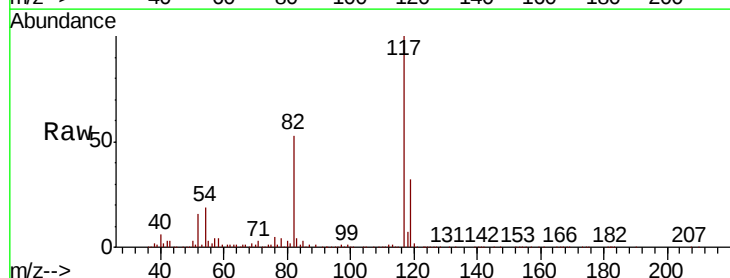
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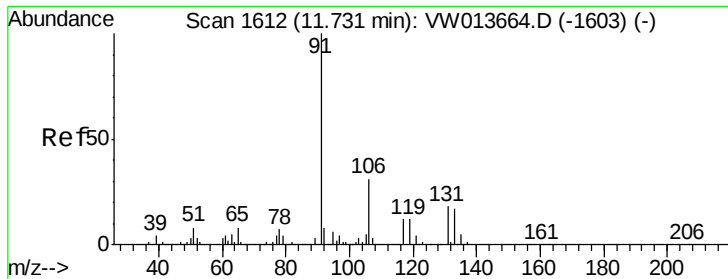
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013948.D
Acq: 08 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299860		
82	52.5	43.6	65.4	
119	31.9	25.4	38.2	





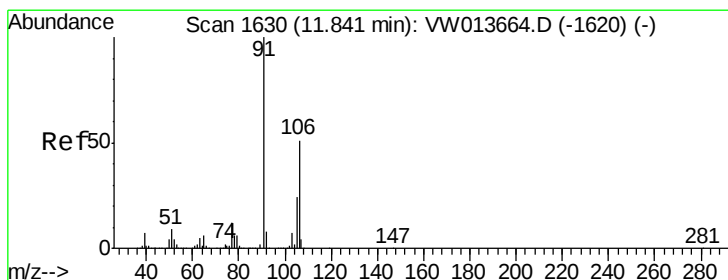
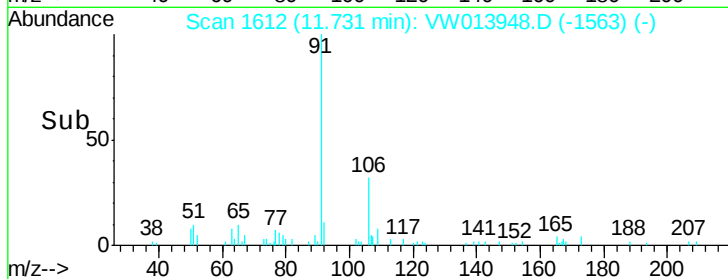
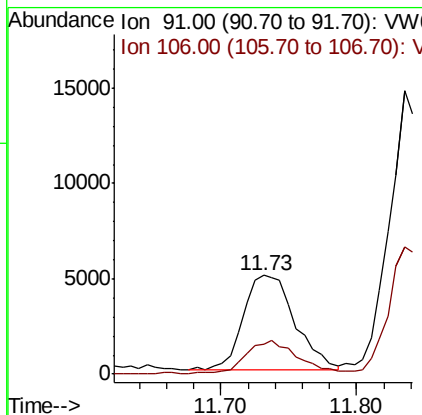
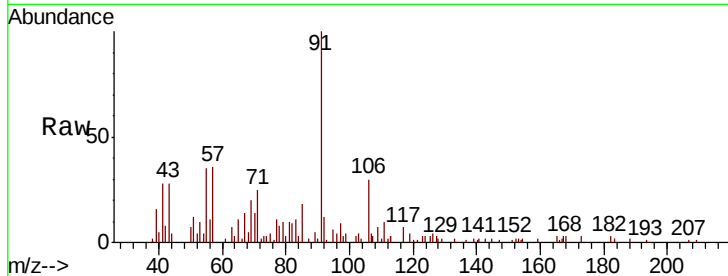
#67
Ethyl Benzene
Concen: 1.177 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013948.D
Acq: 08 Nov 2019 16:46

Instrument :
MSVOA_W
ClientSampleId :
SB-37-(8-10)

Tot Ion: 91 Resp: 13073
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

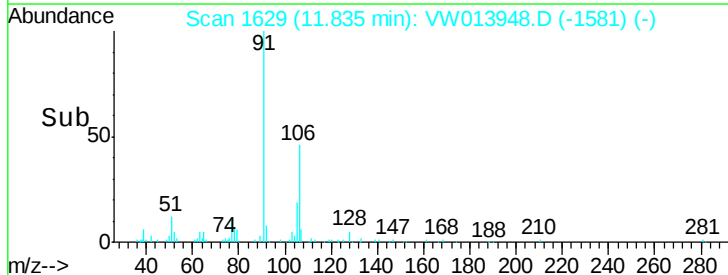
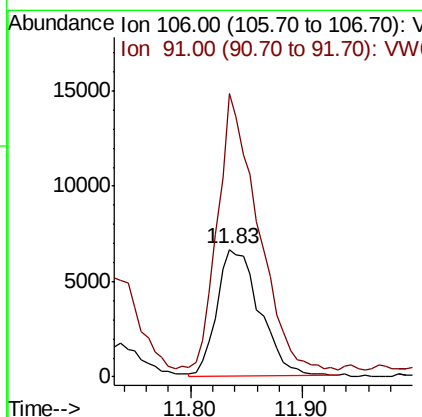
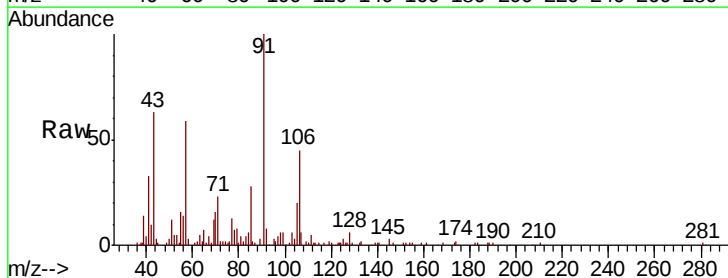
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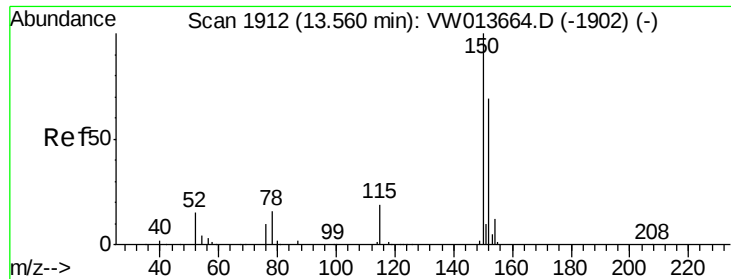
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#68
m/p-Xylenes
Concen: 4.118 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013948.D
Acq: 08 Nov 2019 16:46

Tgt Ion: 106 Resp: 17678
Ion Ratio Lower Upper
106 100
91 206.6 159.2 238.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW013948.D

Acq: 08 Nov 2019 16:46

Instrument :

MSVOA_W

ClientSampleId :

SB-37-(8-10)

Tot Ion:152 Resp: 93157

Ion Ratio Lower Upper

152 100

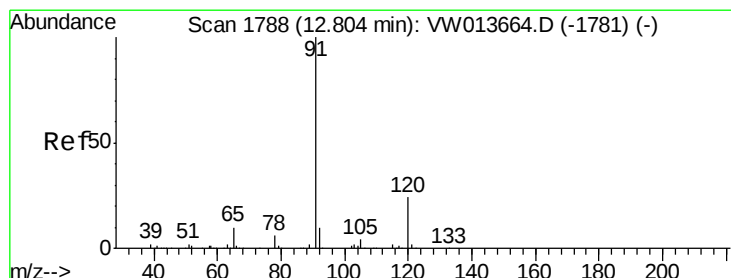
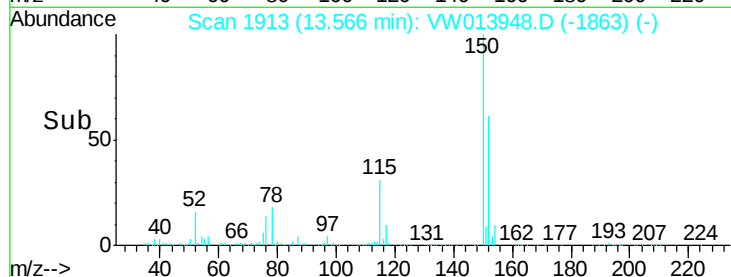
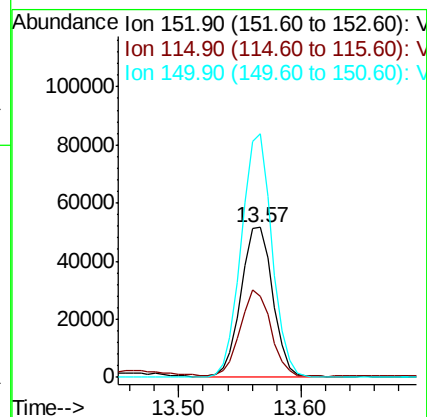
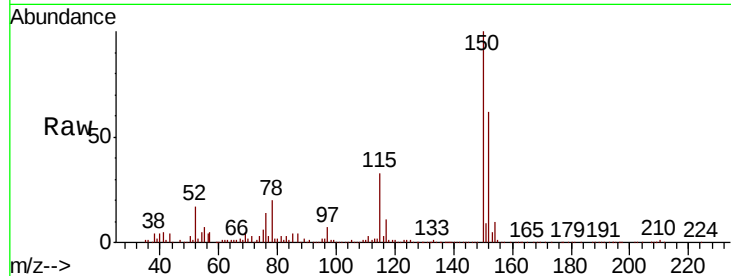
115 55.2 27.4 82.2

150 156.2 0.0 345.4

Manual Integrations
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#78

n-propylbenzene

Concen: 1.228 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW013948.D

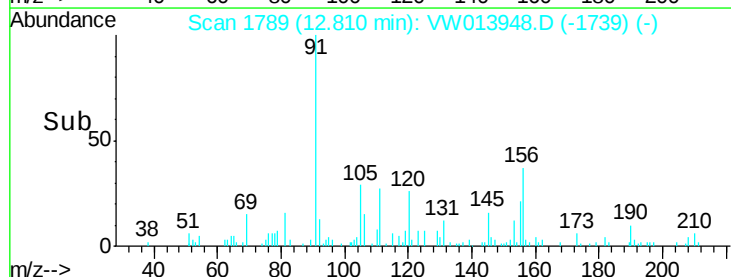
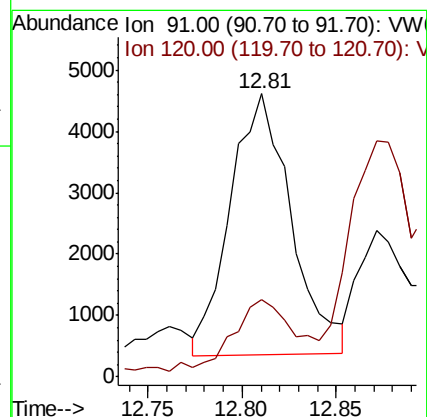
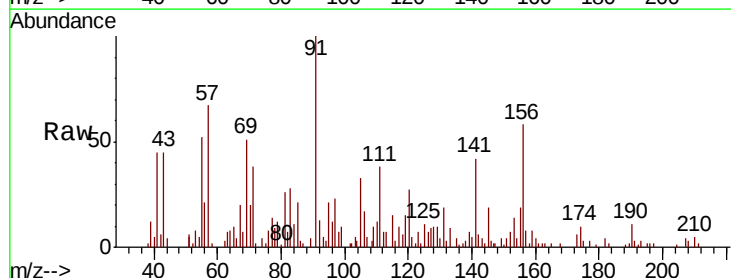
Acq: 08 Nov 2019 16:46

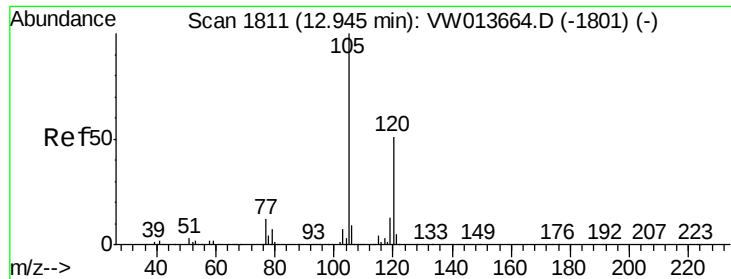
Tgt Ion: 91 Resp: 9506

Ion Ratio Lower Upper

91 100

120 29.2 12.0 36.0





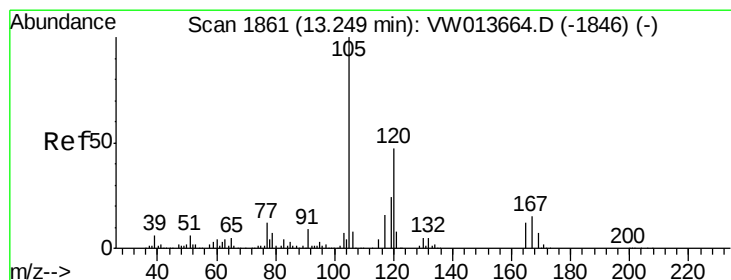
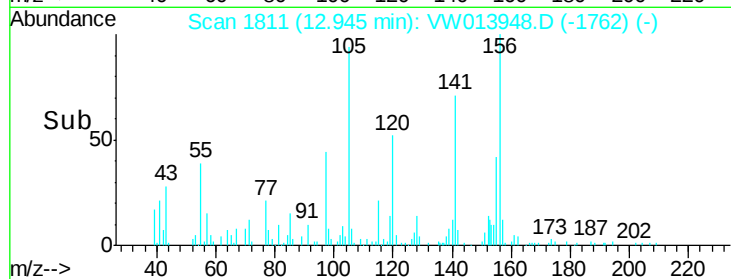
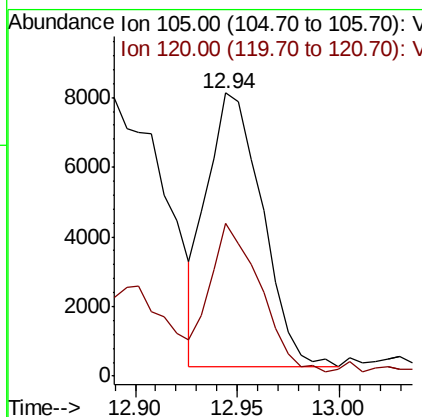
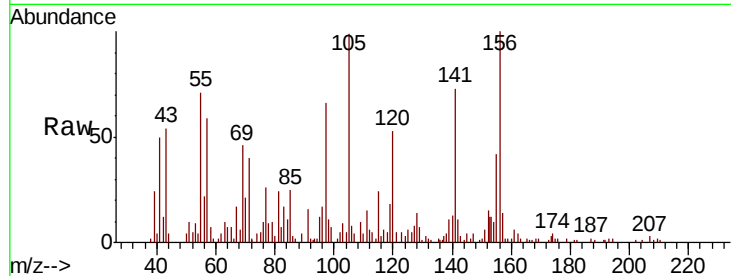
#80
 1,3,5-Trimethylbenzene
 Concen: 2.625 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW013948.D
 Acq: 08 Nov 2019 16:46

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-37-(8-10)

Tot Ion:105 Resp: 14827
 Ion Ratio Lower Upper
 105 100
 120 49.1 25.1 75.3

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 12:58:51 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 8.120 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: VW013948.D
 Acq: 08 Nov 2019 16:46

Tgt Ion:105 Resp: 45237
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.5 70.5

