

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006861.D
 Acq On : 13 Nov 2018 18:10
 Operator : SY/AP
 Sample : J5895-01
 Misc : 8.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

Manual Integrations
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 11/14/2018 4:37:04 PM

Quant Time: Nov 14 06:35:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:58:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	102592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	140195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	26688	35.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.18%	
35) Dibromofluoromethane	7.89	113	29847	35.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.50%	
50) Toluene-d8	10.33	98	137988	39.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.76%	
62) 4-Bromofluorobenzene	12.62	95	53188	41.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.46%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	3135	29.107	ug/l	99
20) Methylene Chloride	4.93	84	6144	1.191	ug/l	89
39) Methylcyclohexane	9.34	83	43853	25.764	ug/l	97
64) Tetrachloroethene	10.86	164	1459	1.446	ug/l	87
67) Ethyl Benzene	11.74	91	68016	14.279	ug/l	99
68) m/p-Xylenes	11.85	106	21180	10.868	ug/l	91
73) Isopropylbenzene	12.47	105	33687	7.149	ug/l	99
78) n-propylbenzene	12.81	91	159371	28.656	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	76400	18.860	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	262320	63.631	ug/l	97
85) sec-Butylbenzene	13.39	105	16875	3.326	ug/l #	42
86) p-Isopropyltoluene	13.51	119	12610	2.732	ug/l	97
89) n-Butylbenzene	13.83	91	50937m	12.076	ug/l	
95) Naphthalene	15.38	128	80733	33.907	ug/l	98

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

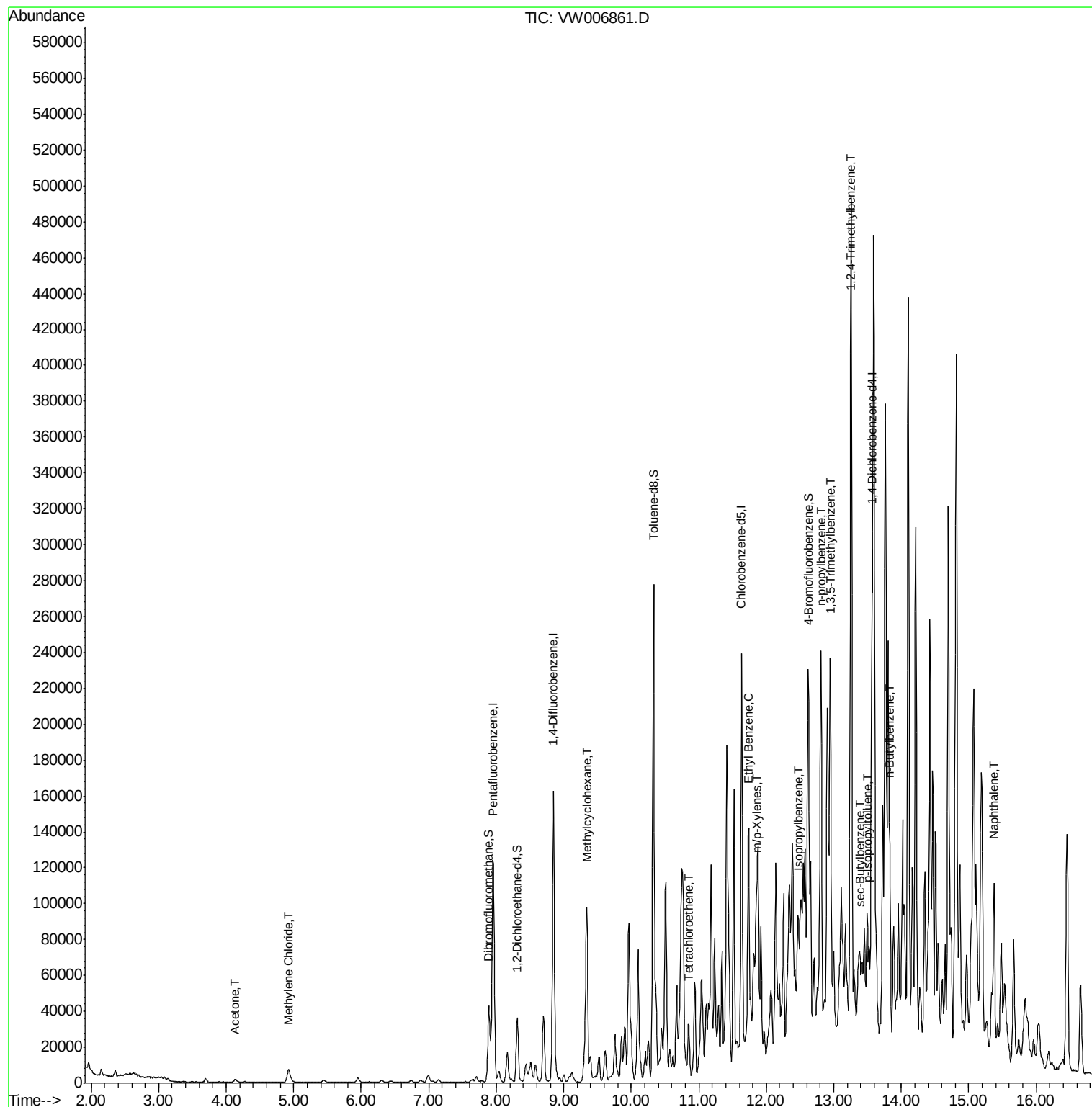
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111318\
Data File : VW006861.D
Acq On : 13 Nov 2018 18:10
Operator : SY/AP
Sample : J5895-01
Misc : 8.00G/5ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

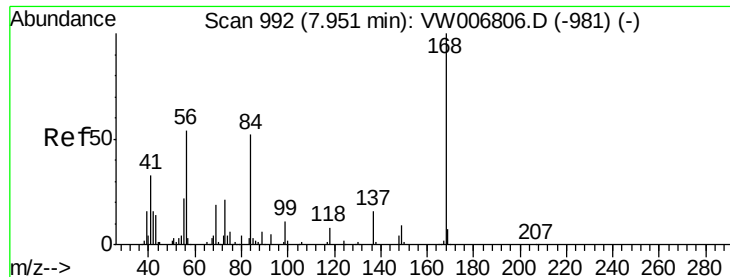
Instrument :
MSVOA_W
ClientSampled :
SB-1

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Quant Time: Nov 14 06:35:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA_W

ClientSampled :

SB-1

Tot Ion:168 Resp: 102592

Ion Ratio Lower Upper

168 100

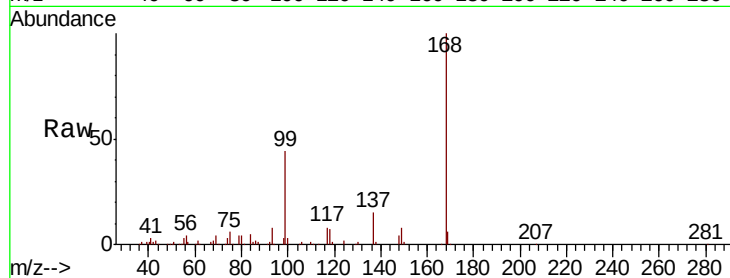
99 43.5 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

50000

40000

30000

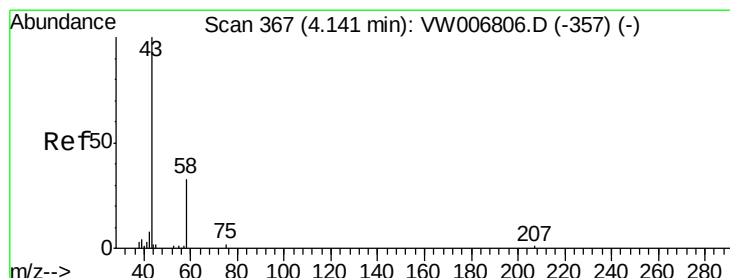
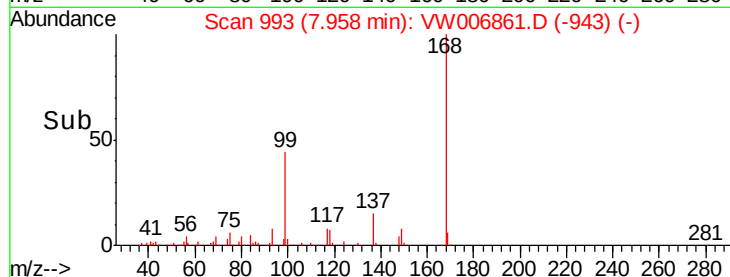
20000

10000

0

7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 29.107 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW006861.D

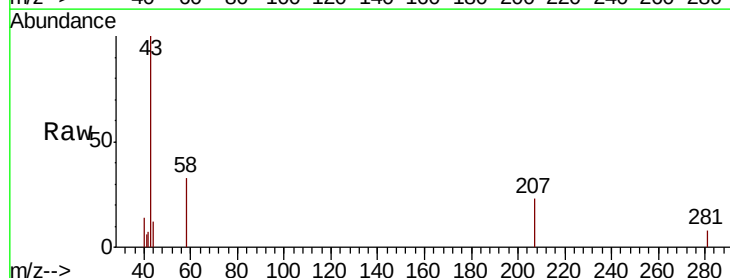
Acq: 13 Nov 2018 18:10

Tgt Ion: 43 Resp: 3135

Ion Ratio Lower Upper

43 100

58 32.6 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

1200

1000

800

600

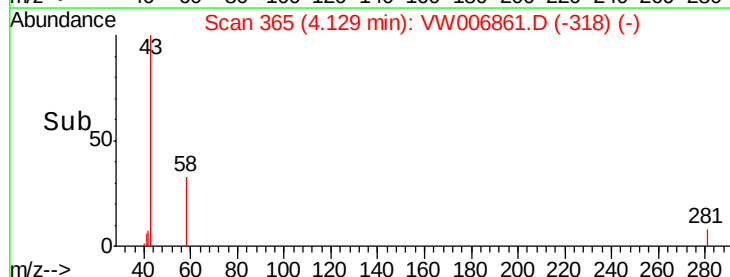
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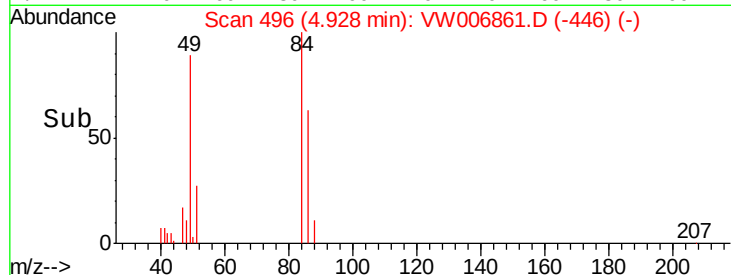
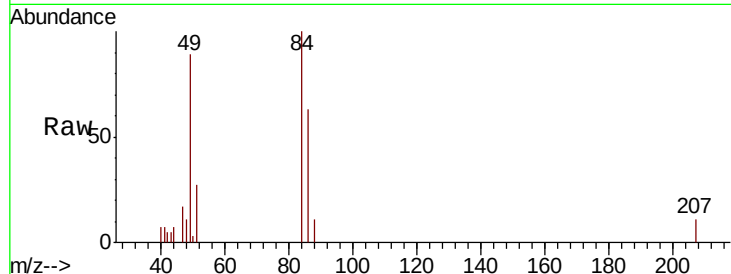
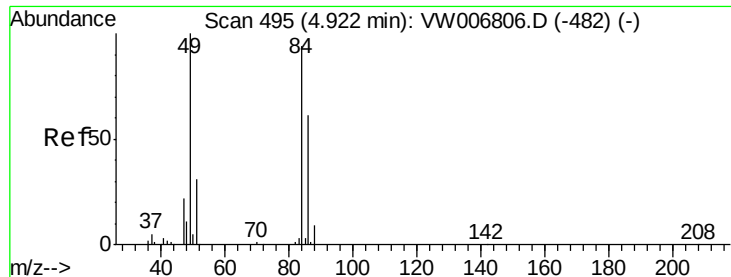
200

0

4.10 4.20

Time-->





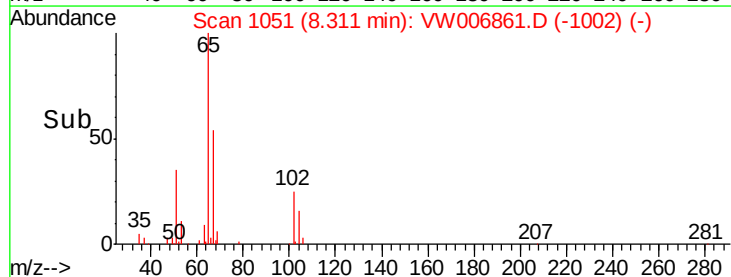
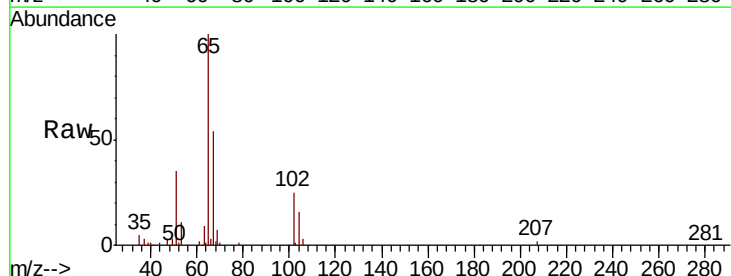
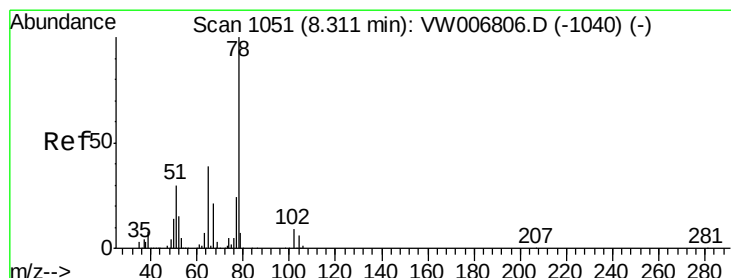
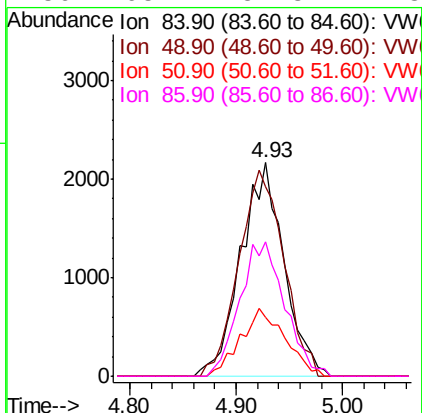
#20
Methvlene Chloride
Concen: 1.191 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW006861.D
Acq: 13 Nov 2018 18:10

Tot Ion:	84	Resp:	6144
Ion	Ratio	Lower	Upper
84	100		
49	88.7	84.8	127.2
51	27.3	26.2	39.4
86	63.2	51.8	77.8

Instrument :
MSVOA_W
ClientSampled :
SB-1

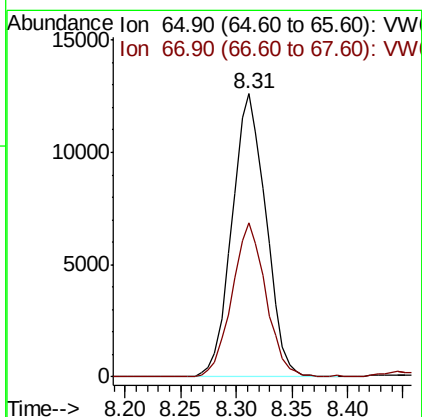
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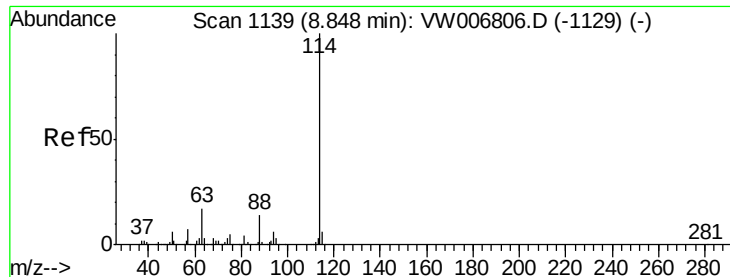
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#33
1,2-Dichloroethane-d4
Concen: 35.585 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW006861.D
Acq: 13 Nov 2018 18:10

Tgt Ion:	65	Resp:	26688
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA_W

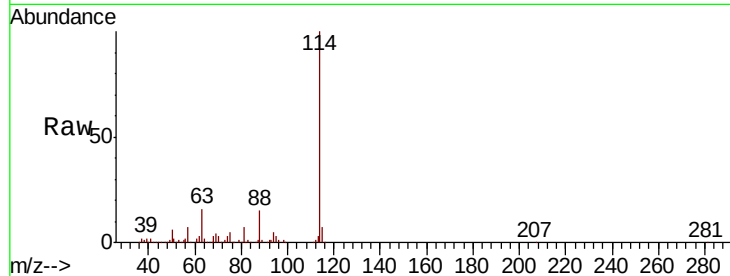
ClientSampled :

SB-1

Tot Ion:	114	Resp:	140195
Ion Ratio	Lower	Upper	
114	100		
63	16.1	0.0	33.6
88	15.3	0.0	28.4

Manual Integrations
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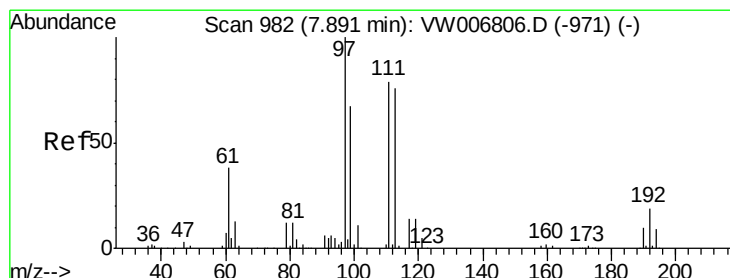
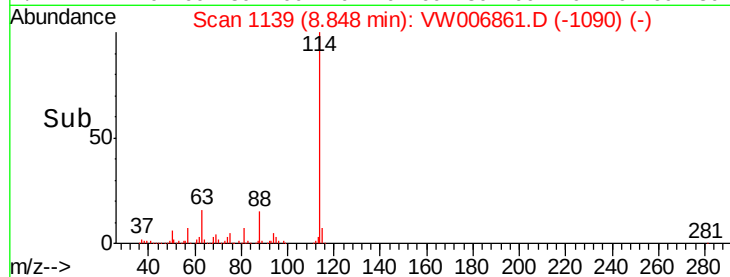
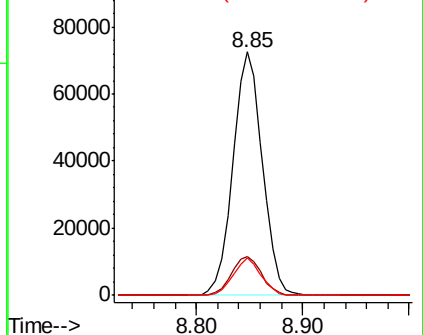
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 35.753 ug/l

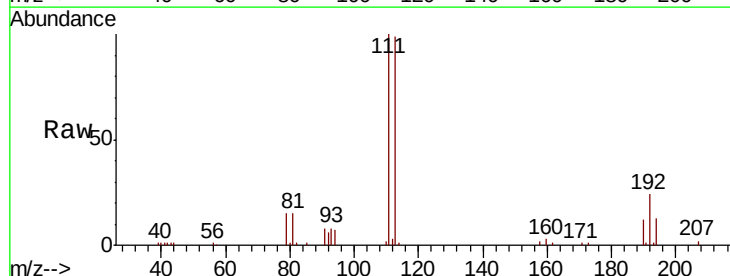
RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

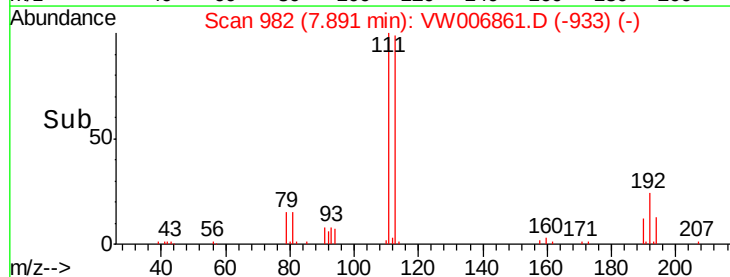
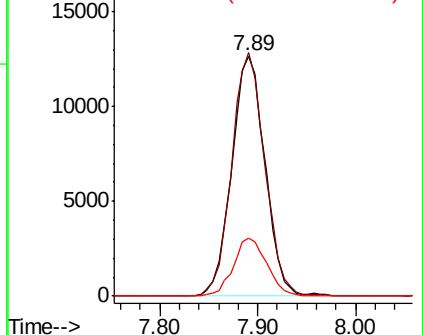
Tgt Ion:	113	Resp:	29847
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.0	121.6
192	24.2	19.0	28.6

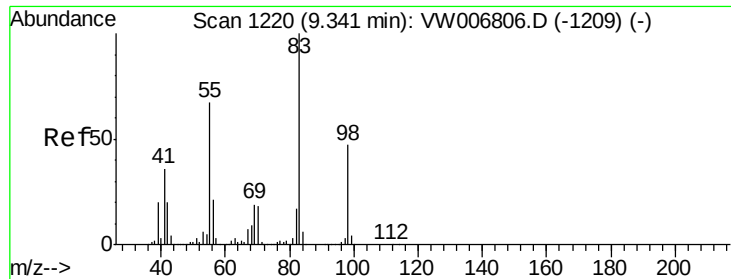


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





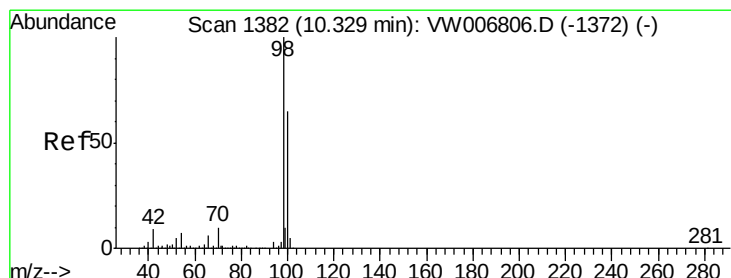
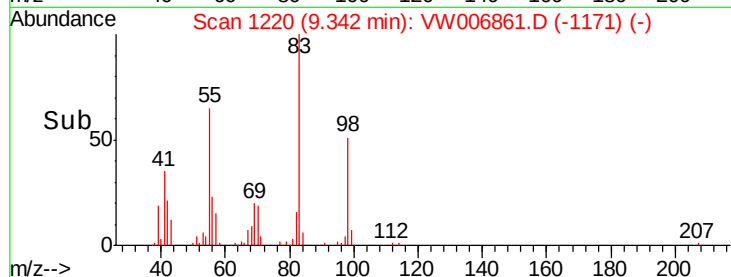
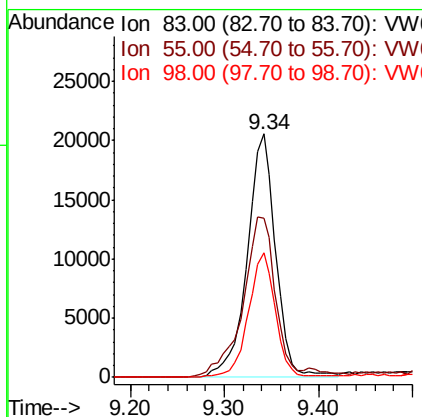
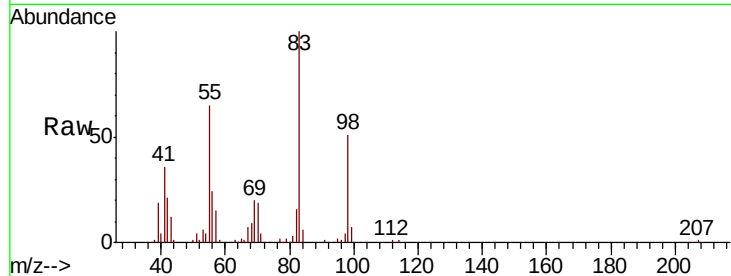
#39
Methylcyclohexane
Concen: 25.764 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006861.D
Acq: 13 Nov 2018 18:10

Instrument :
MSVOA_W
ClientSampled :
SB-1

Tot Ion	Ratio	Lower	Upper
83	100		
55	65.2	53.3	79.9
98	51.3	37.9	56.9

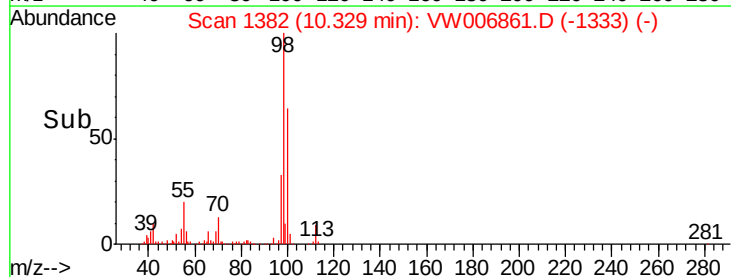
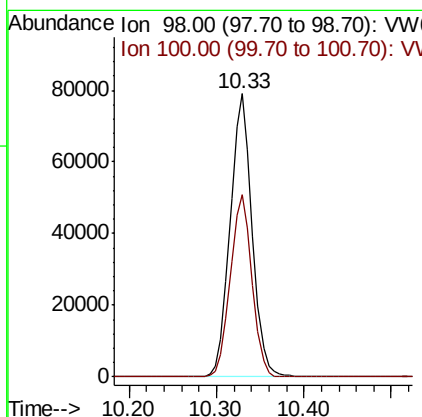
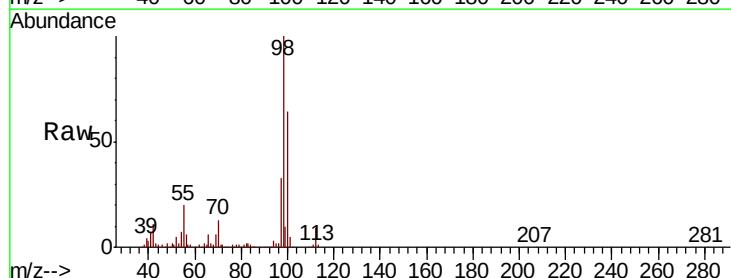
Manual Integrations
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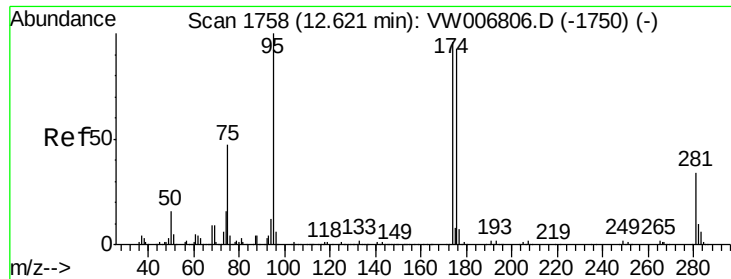
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#50
Toluene-d8
Concen: 39.879 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006861.D
Acq: 13 Nov 2018 18:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.4	77.2





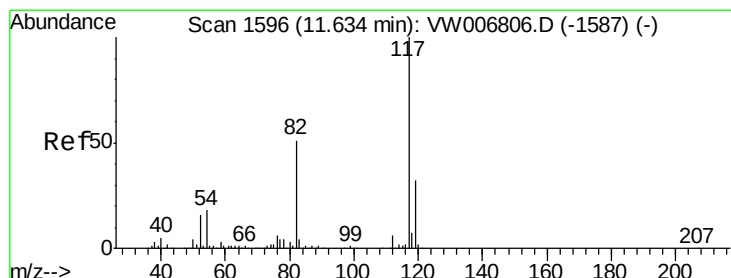
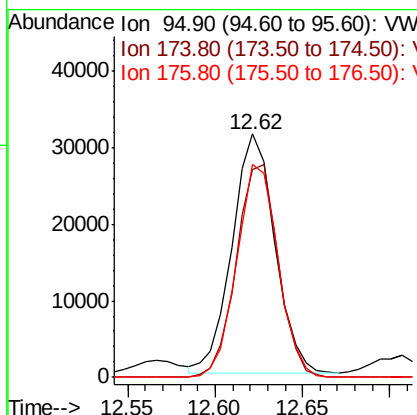
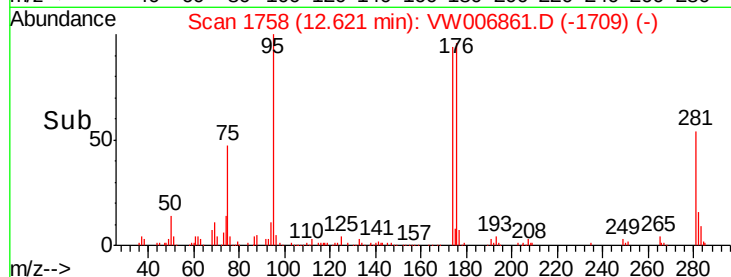
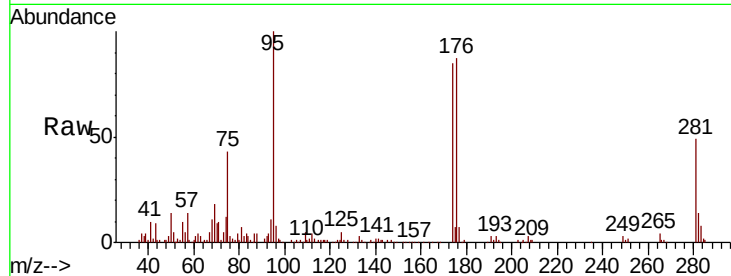
#62
4-Bromofluorobenzene
Concen: 41.735 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006861.D
Acq: 13 Nov 2018 18:10

Instrument :
MSVOA_W
ClientSampleId :
SB-1

Tot Ion	Ratio	Resp	Lower	Upper
95	100	53188		
174	87.2	0.0	196.6	
176	86.0	0.0	191.6	

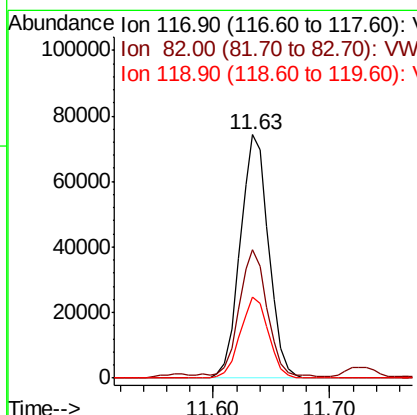
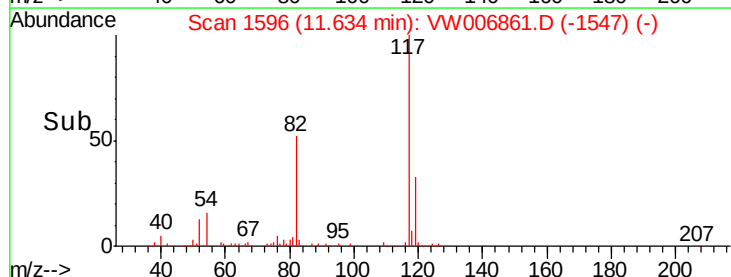
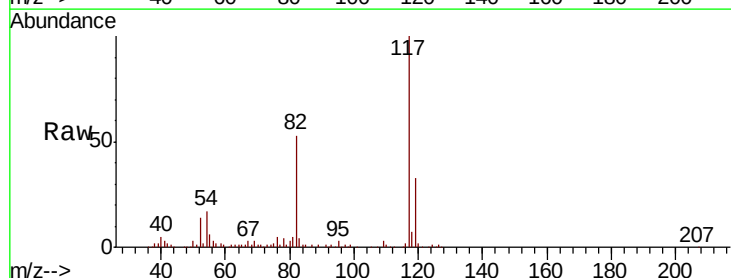
Manual Integrations
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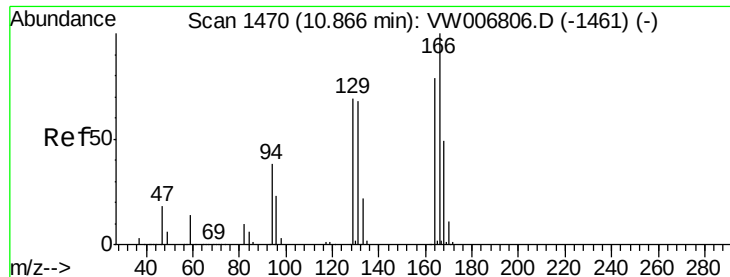
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006861.D
Acq: 13 Nov 2018 18:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	125944		
82	51.5	40.6	61.0	
119	33.0	25.5	38.3	





#64

Tetrachloroethene

Concen: 1.446 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA_W

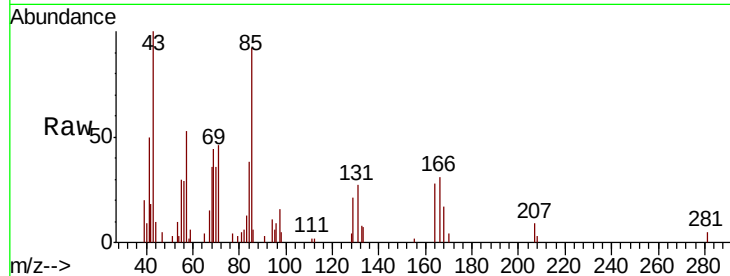
ClientSampled :

SB-1

Tot Ion:	164	Resp:	1459
Ion	Ratio	Lower	Upper
164	100		
166	110.0	101.3	151.9
129	72.4	69.6	104.4
131	93.6	68.7	103.1

Manual Integrations
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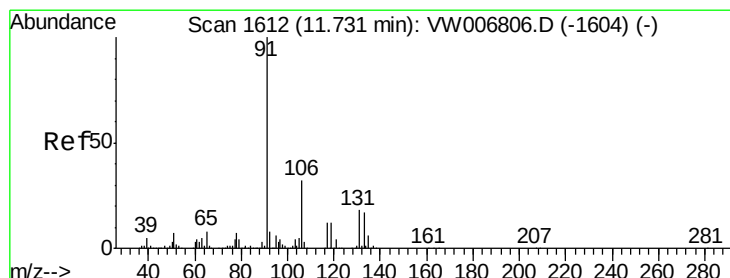
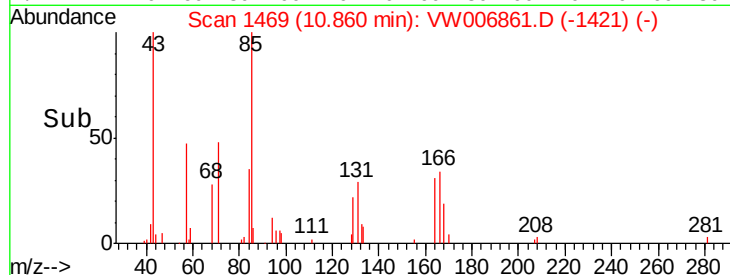
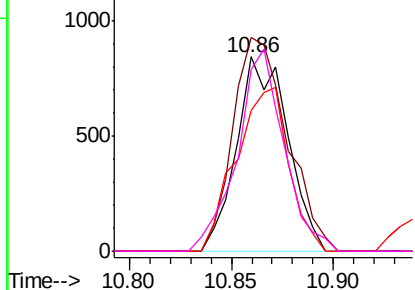
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 14.279 ug/l

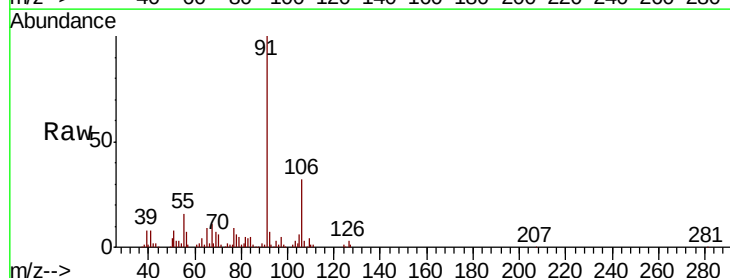
RT: 11.74 min Scan# 1613

Delta R.T. 0.01 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

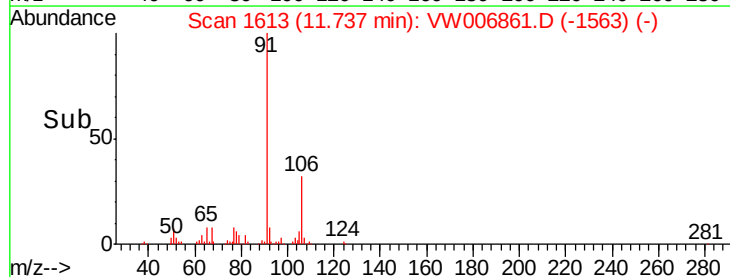
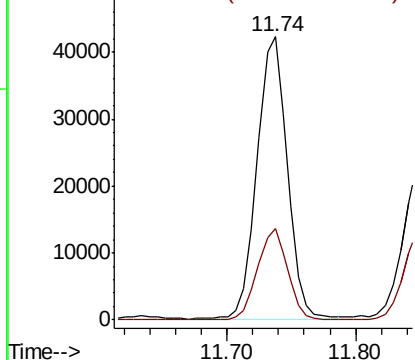
Tgt Ion:	91	Resp:	68016
Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.4	38.0

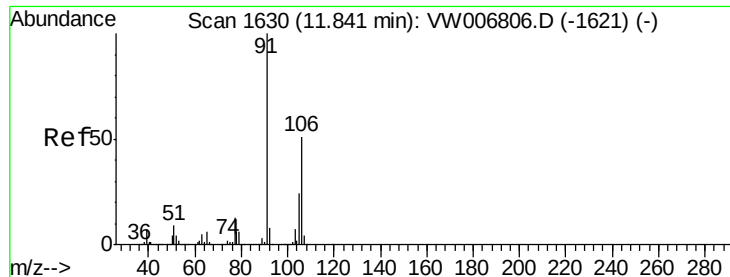


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V





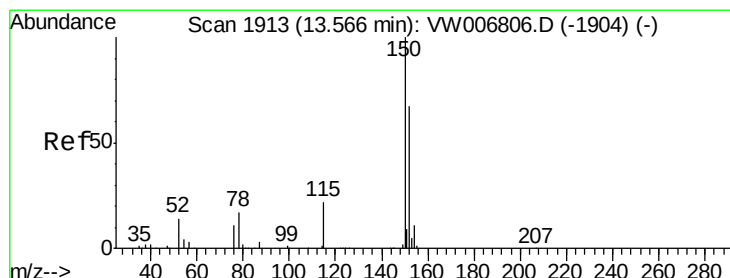
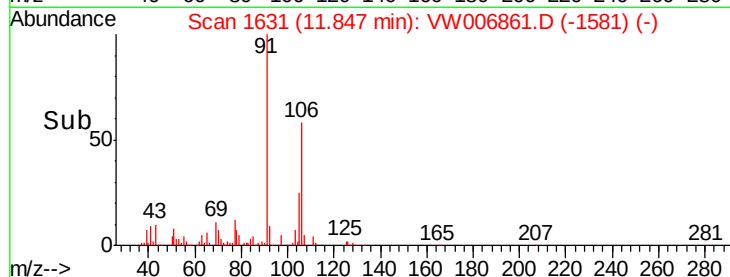
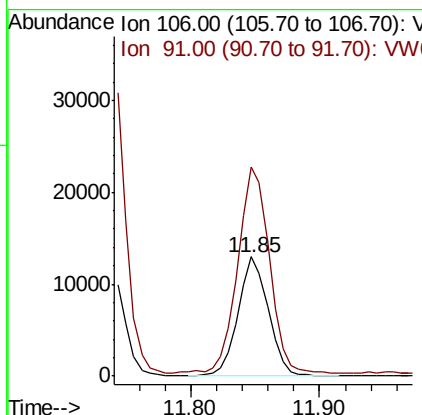
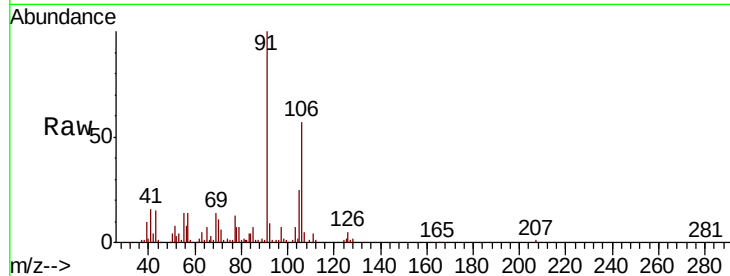
#68
m/p-Xylenes
Concen: 10.868 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006861.D
Acq: 13 Nov 2018 18:10

Instrument :
MSVOA_W
ClientSampled :
SB-1

Tot Ion:106 Resp: 21180
Ion Ratio Lower Upper
106 100
91 181.0 155.7 233.5

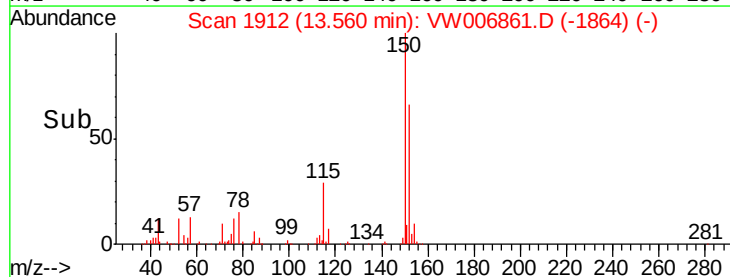
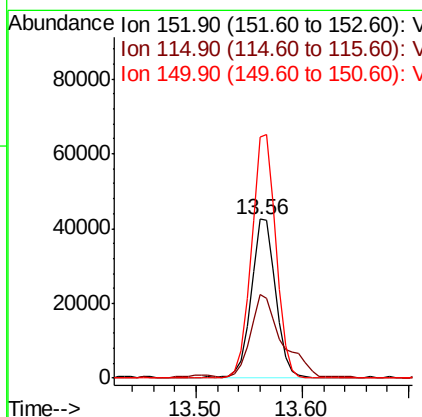
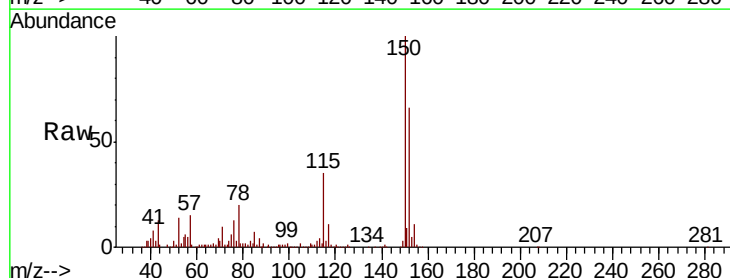
Manual Integrations
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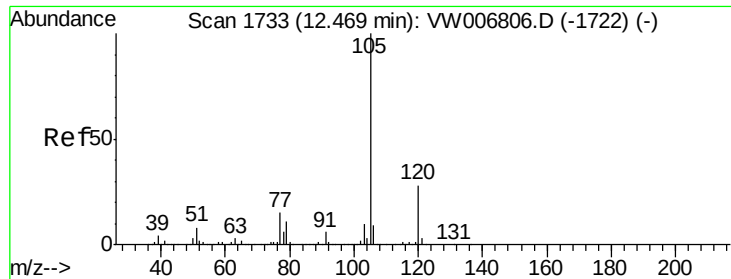
apatel
11/14/2018 4:37:04 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006861.D
Acq: 13 Nov 2018 18:10

Tgt Ion:152 Resp: 67886
Ion Ratio Lower Upper
152 100
115 66.2 27.3 81.8
150 154.1 0.0 353.0





#73

Isopropylbenzene

Concen: 7.149 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA_W

ClientSampleId :

SB-1

Tot Ion:105 Resp: 33687

Ion Ratio Lower Upper

105 100

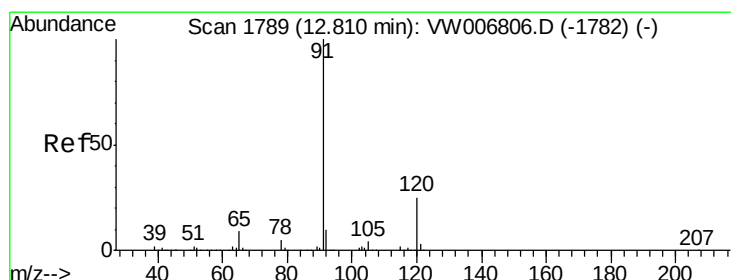
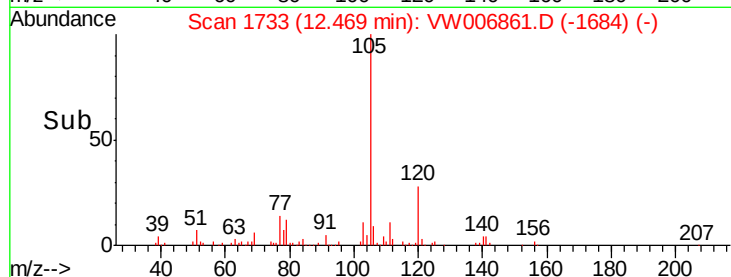
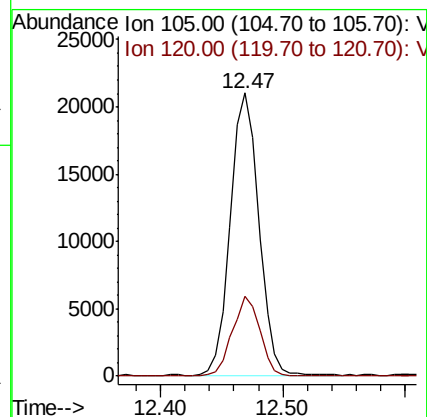
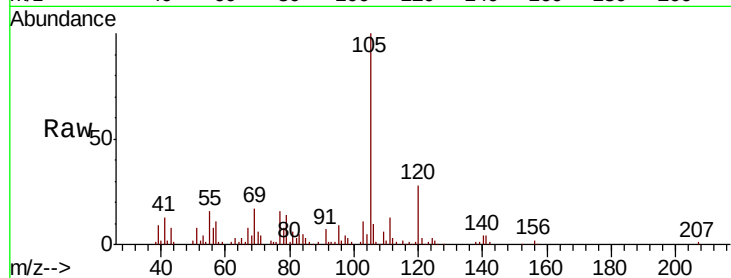
120 27.3 14.0 42.0

Manual Integrations

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#78

n-propylbenzene

Concen: 28.656 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006861.D

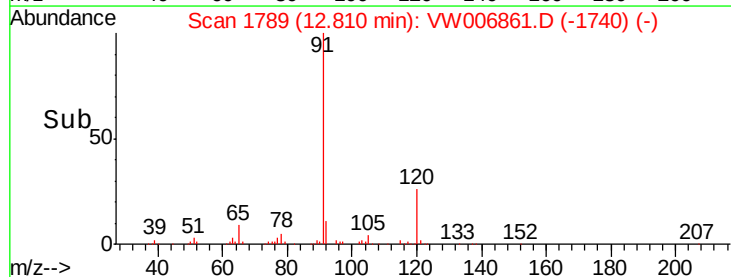
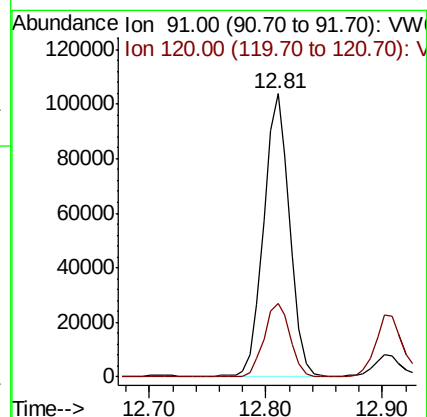
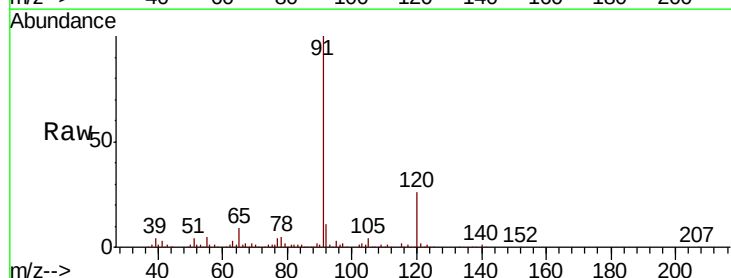
Acq: 13 Nov 2018 18:10

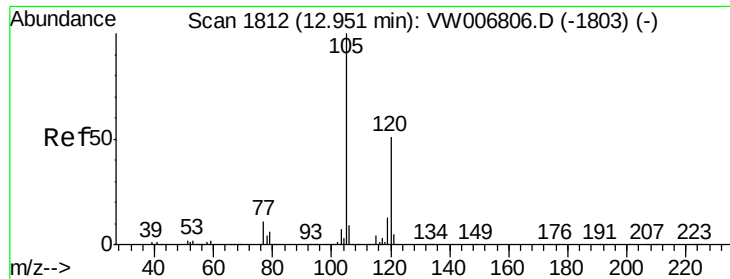
Tgt Ion: 91 Resp: 159371

Ion Ratio Lower Upper

91 100

120 26.4 12.4 37.4





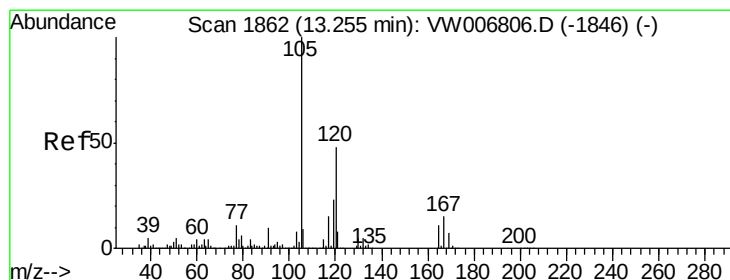
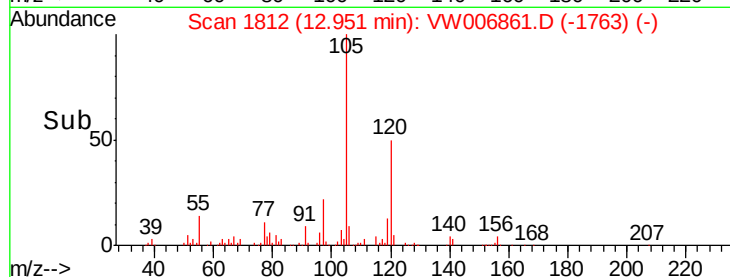
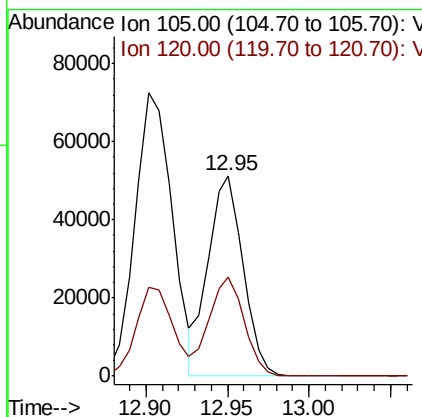
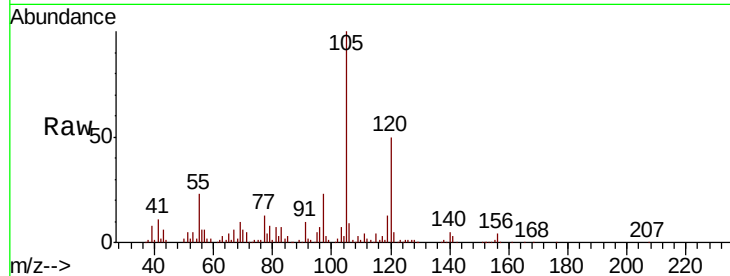
#80
 1,3,5-Trimethylbenzene
 Concen: 18.860 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006861.D
 Acq: 13 Nov 2018 18:10

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1

Tot Ion:105 Resp: 76400
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.9

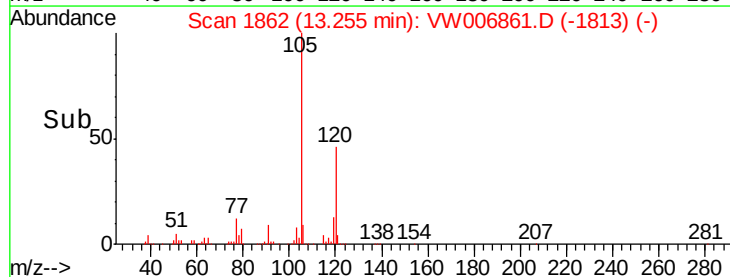
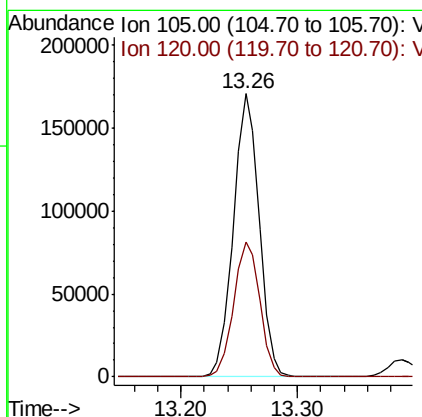
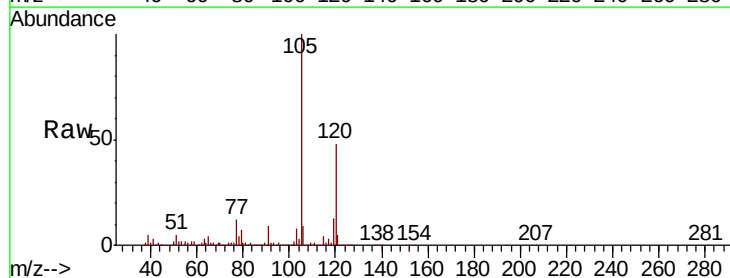
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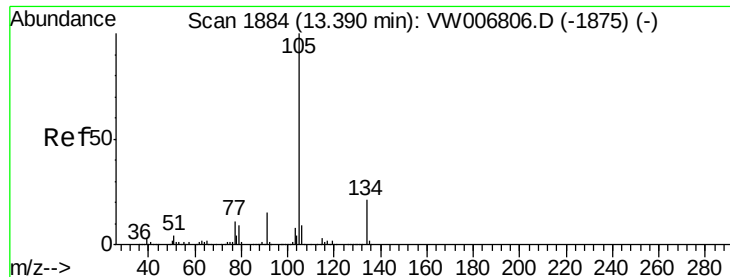
apatel
 11/14/2018 4:37:04 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 63.631 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006861.D
 Acq: 13 Nov 2018 18:10

Tgt Ion:105 Resp: 262320
 Ion Ratio Lower Upper
 105 100
 120 48.4 23.4 70.0





#85

sec-Butylbenzene

Concen: 3.326 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA_W

ClientSampled :

SB-1

Tot Ion:105 Resp: 16875

Ion Ratio Lower Upper

105 100

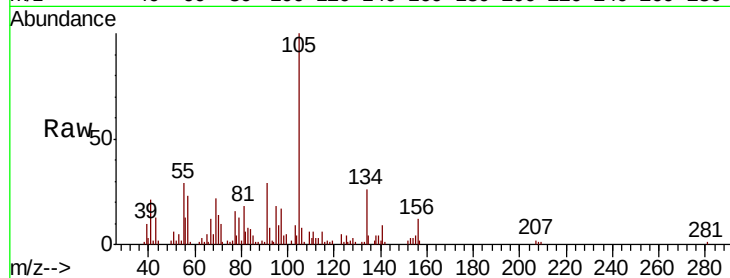
134 48.8 10.7 31.9#

Manual Integrations

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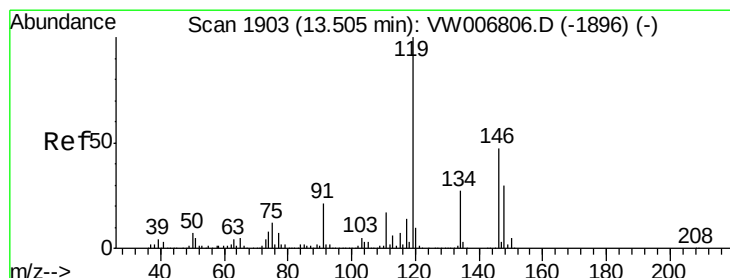
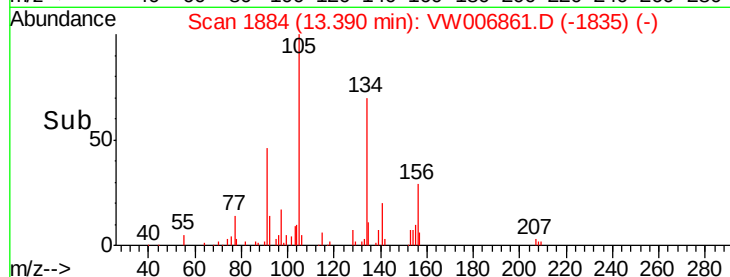
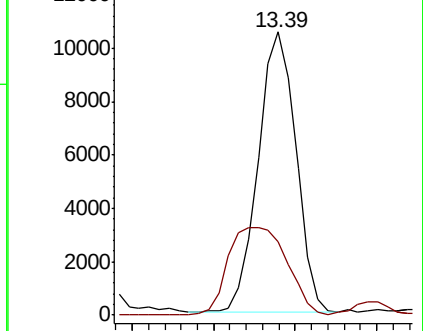
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.732 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

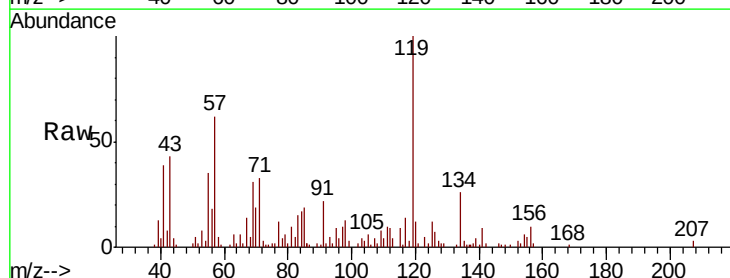
Tgt Ion:119 Resp: 12610

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

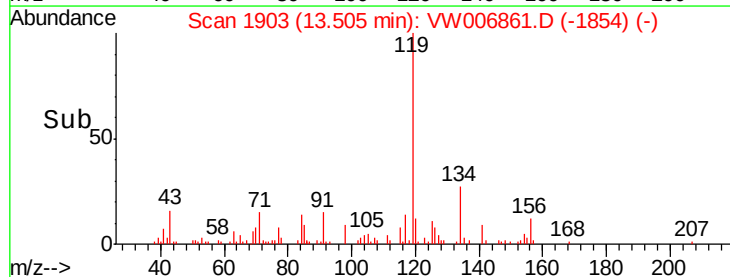
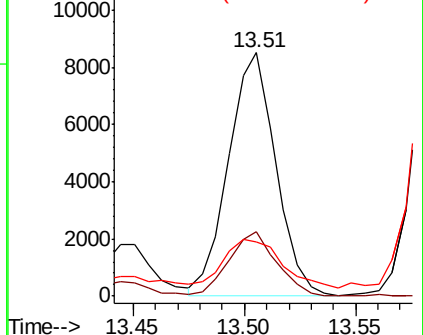
91 23.9 10.8 32.4

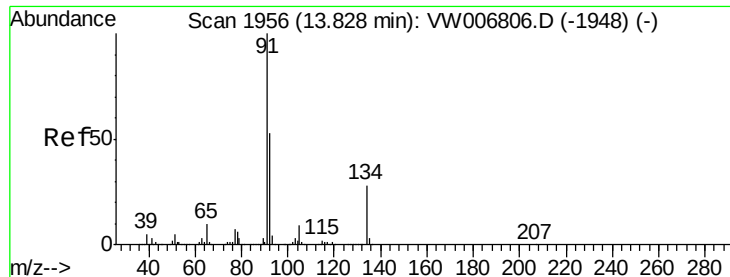


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 12.076 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Instrument :

MSVOA_W

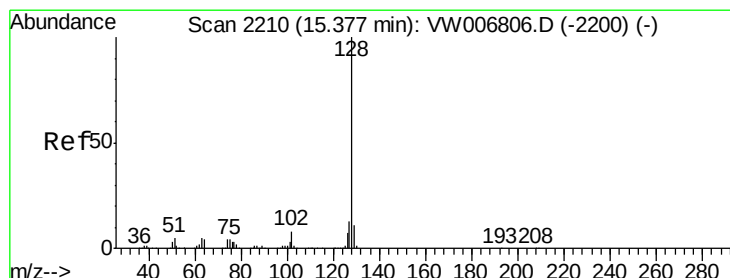
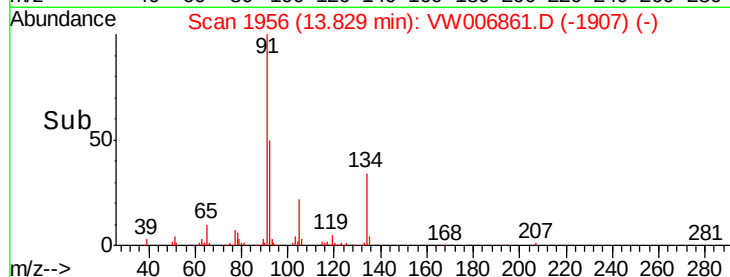
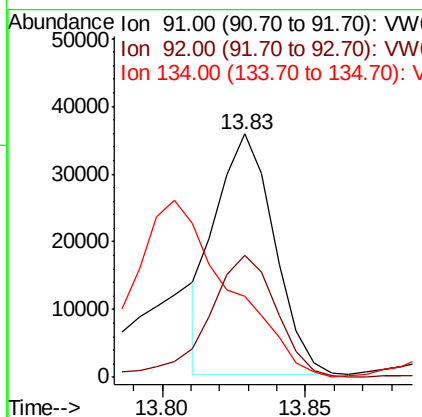
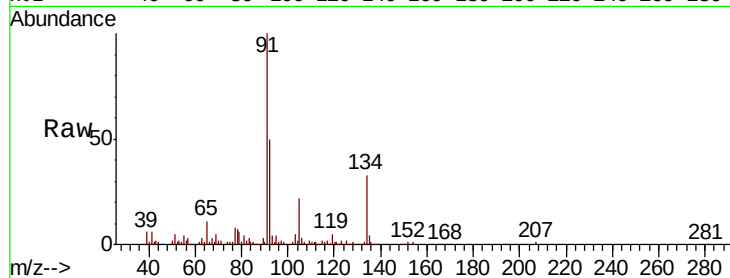
ClientSampled :

SB-1

Tot Ion:	91	Resp:	50937
Ion Ratio	Lower	Upper	
91	100		
92	58.1	26.5	79.4
134	0.0	14.4	43.2#

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#95

Naphthalene

Concen: 33.907 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006861.D

Acq: 13 Nov 2018 18:10

Tgt Ion:	128	Resp:	80733
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.3	15.5
129	10.8	8.6	13.0

