

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111318\
 Data File : VW006858.D
 Acq On : 13 Nov 2018 16:54
 Operator : SY/AP
 Sample : J5860-25
 Misc : 5.16G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(17-19)

Manual Integrations
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MMDadoda
 11/15/2018 12:25:15 PM

Quant Time: Nov 15 11:17:13 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	265760	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	229195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	269074	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.56	152	39440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153427	78.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	157.94%	
35) Dibromofluoromethane	7.90	113	123691	90.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	181.26%	
50) Toluene-d8	10.42	98	9443060	1669.32	ug/l	0.09
Spiked Amount 50.000			Recovery	=	3338.64%	
62) 4-Bromofluorobenzene	12.62	95	2209729m	1060.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	2121.18%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.39	76	10738	1.691	ug/l	97
31) Cyclohexane	8.13	56	47703504m	12814.825	ug/l	
39) Methylcyclohexane	9.40	83	95692735m	34388.835	ug/l	
67) Ethyl Benzene	11.75	91	30405311m	2987.784	ug/l	
68) m/p-Xylenes	11.88	106	6575036	1579.114	ug/l	97
73) Isopropylbenzene	12.48	105	18931791	6915.273	ug/l	86
78) n-propylbenzene	12.80	91	23240475m	7192.735	ug/l	
80) 1,3,5-Trimethylbenzene	12.95	105	2670991	1134.915	ug/l	88
83) tert-Butylbenzene	13.21	119	194961	93.717	ug/l	90
84) 1,2,4-Trimethylbenzene	13.26	105	160732m	67.110	ug/l	
85) sec-Butylbenzene	13.39	105	1139151	386.427	ug/l #	36
86) p-Isopropyltoluene	13.50	119	403244	150.386	ug/l	95
89) n-Butylbenzene	13.82	91	1037513	423.389	ug/l #	77
95) Naphthalene	15.37	128	834743	603.446	ug/l #	95

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

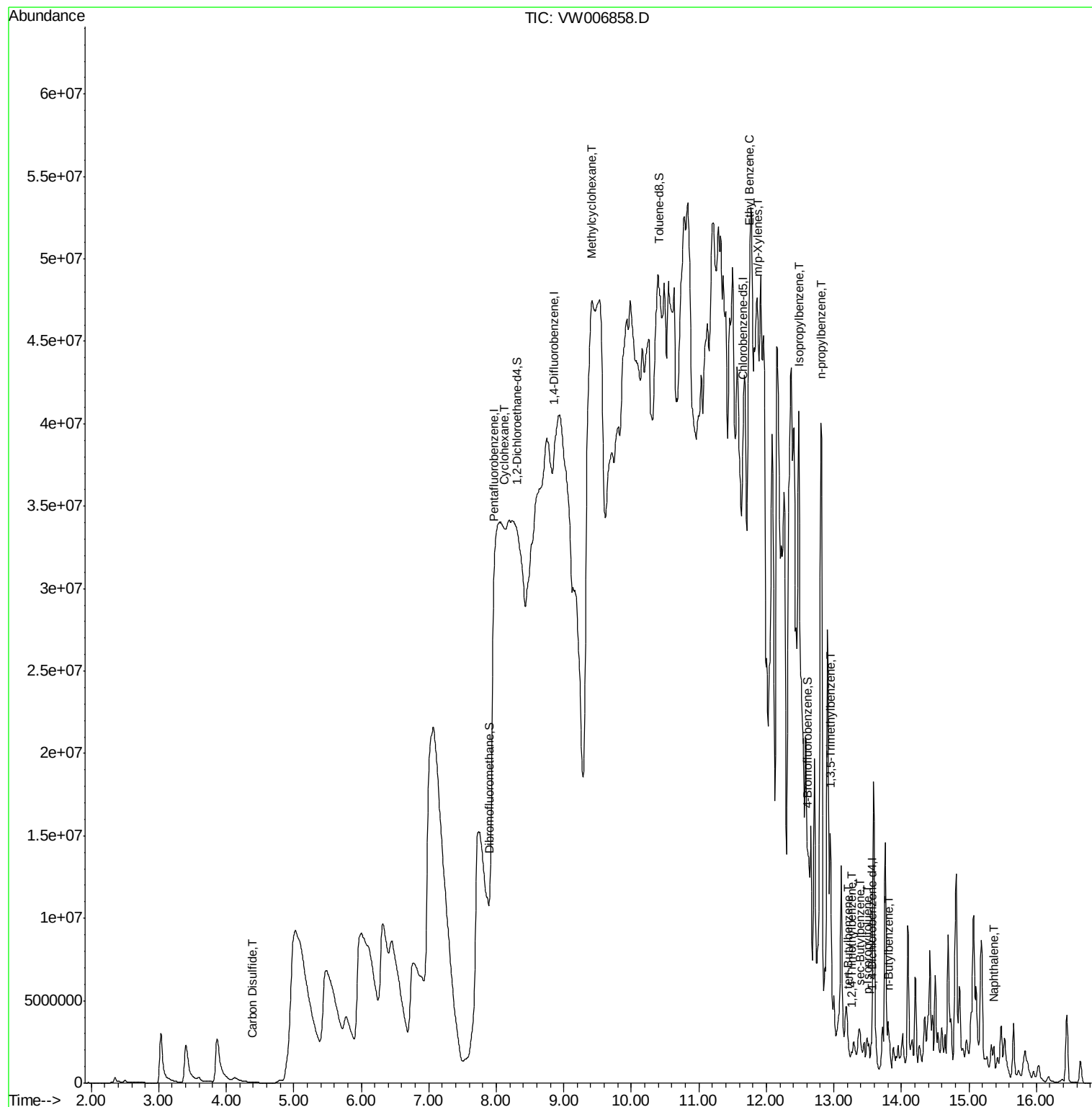
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW111318\
Data File : VW006858.D
Acq On : 13 Nov 2018 16:54
Operator : SY/AP
Sample : J5860-25
Misc : 5.16G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

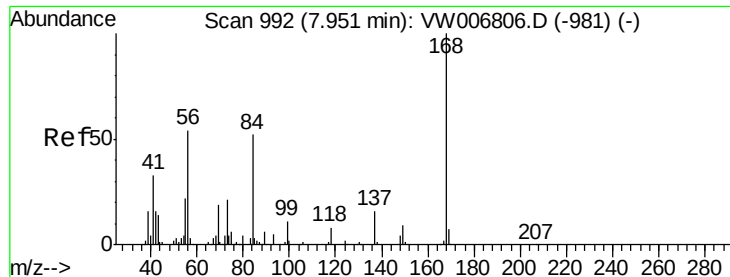
Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(17-19)

Manual Integrations
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11/15/2018 12:25:15 PM

Quant Time: Nov 15 11:17:13 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW006858.D

Acq: 13 Nov 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-111(17-19)

Tot Ion:168 Resp: 265760

Ion Ratio Lower Upper

168 100

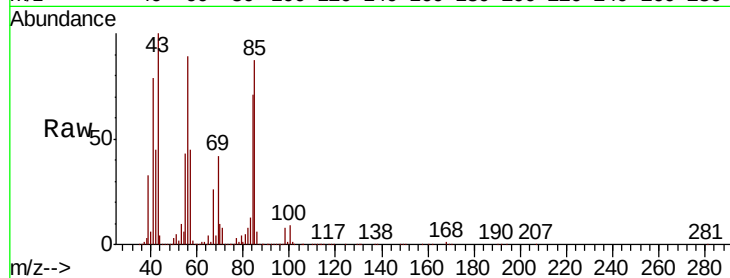
99 49.2 37.3 55.9

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

60000

50000

40000

30000

20000

10000

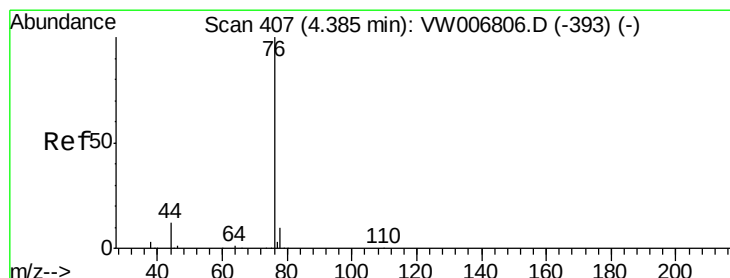
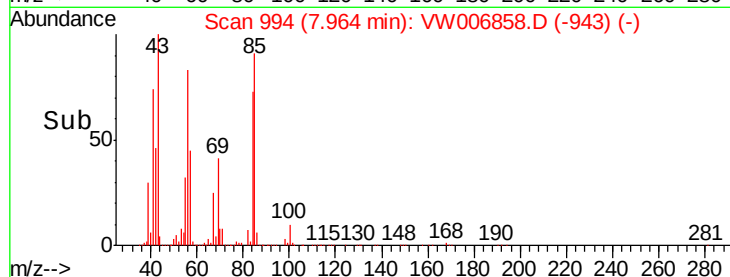
0

7.80

8.00

8.20

Time-->



#17

Carbon Disulfide

Concen: 1.691 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW006858.D

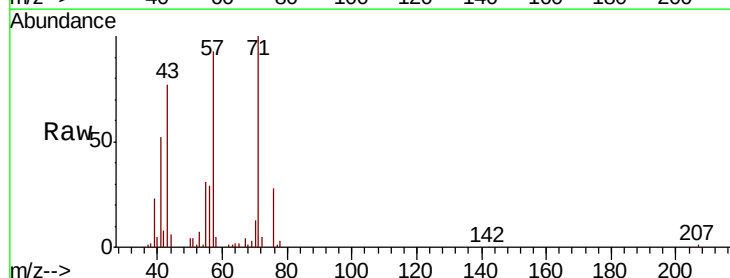
Acq: 13 Nov 2018 16:54

Tgt Ion: 76 Resp: 10738

Ion Ratio Lower Upper

76 100

78 10.4 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

3000

2000

1000

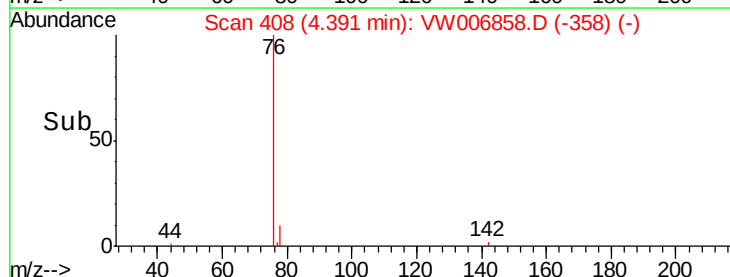
0

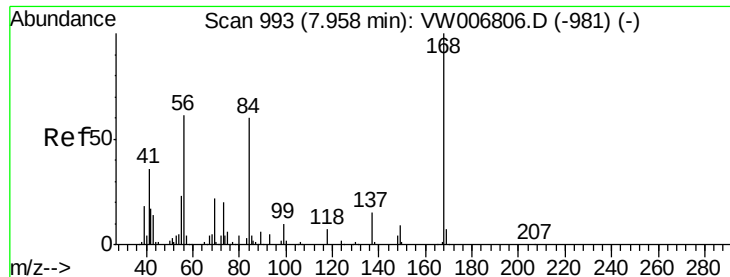
4.30

4.40

4.50

Time-->





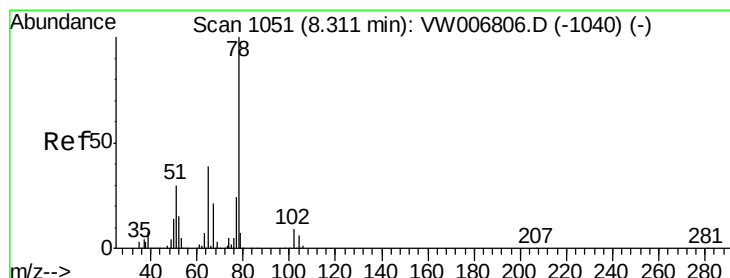
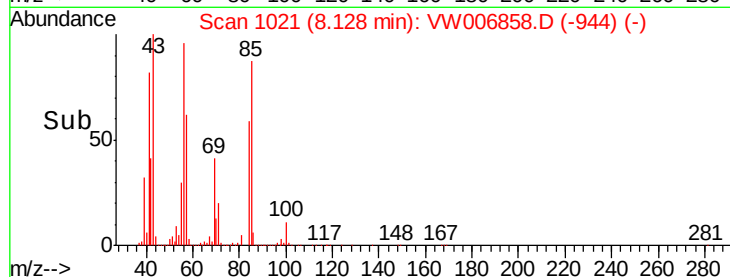
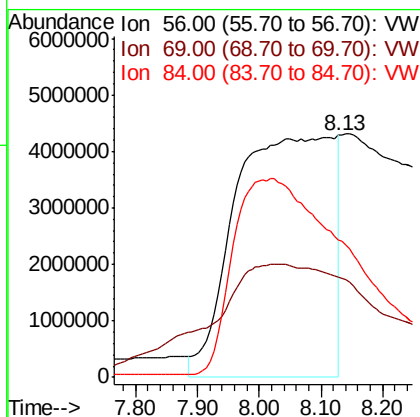
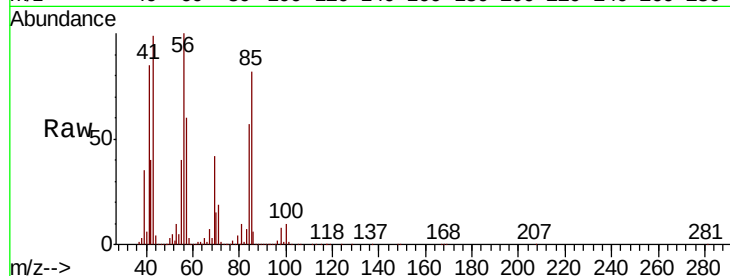
#31
Cvclohexane
Concen: 12814.825 ug/l m
RT: 8.13 min Scan# 1021
Delta R.T. 0.17 min
Lab File: VW006858.D
Acq: 13 Nov 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion: 56 Resp: 47703504
Ion Ratio Lower Upper
56 100
69 41.7 28.9 43.3
84 56.7 79.0 118.4#

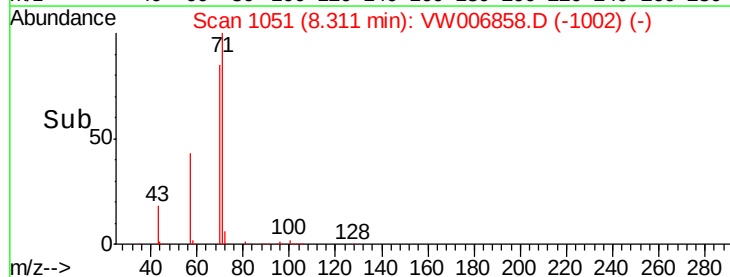
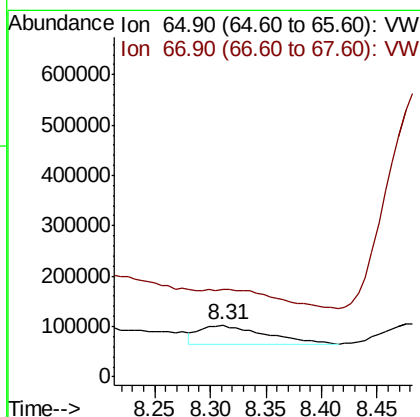
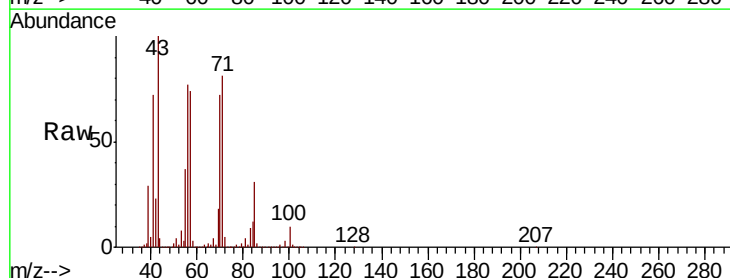
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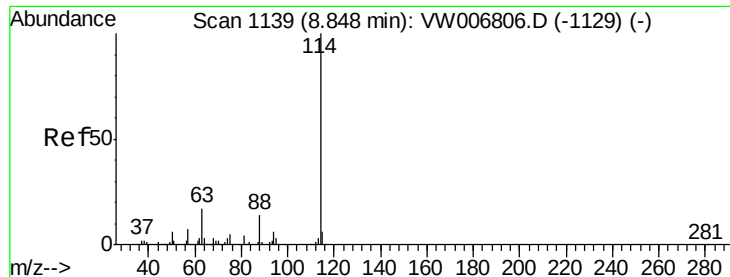
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#33
1,2-Dichloroethane-d4
Concen: 78.973 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006858.D
Acq: 13 Nov 2018 16:54

Tgt Ion: 65 Resp: 153427
Ion Ratio Lower Upper
65 100
67 0.0 0.0 104.4





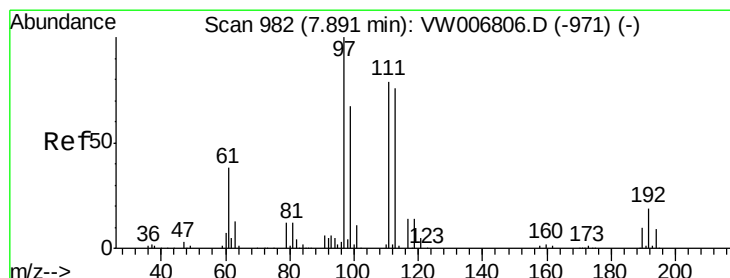
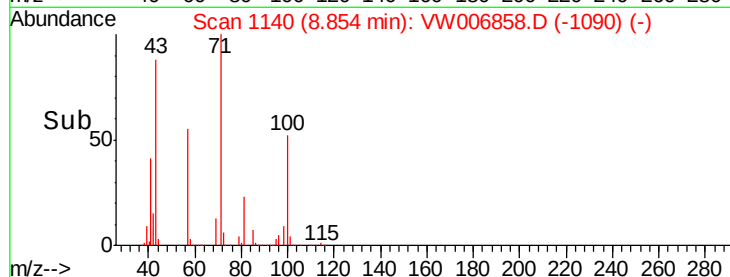
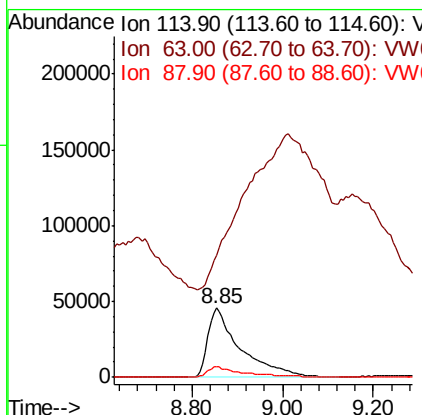
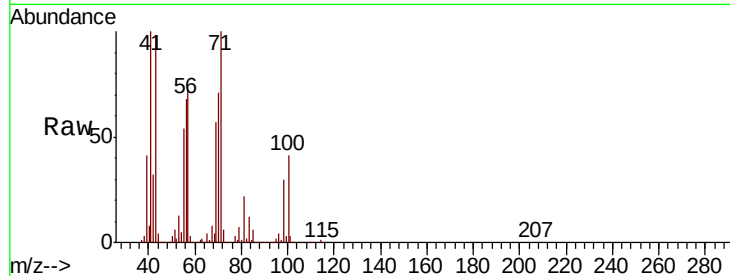
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW006858.D
 Acq: 13 Nov 2018 16:54

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-111(17-19)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	229195		
63	47.1	0.0	33.6#	
88	14.6	0.0	28.4	

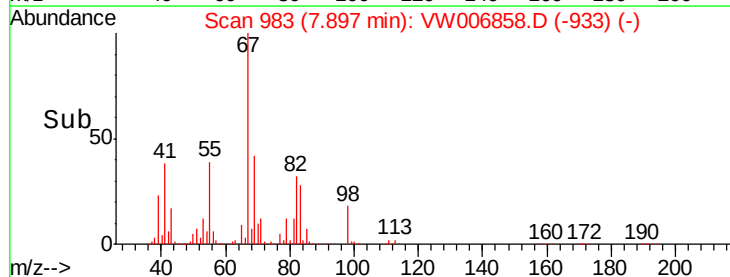
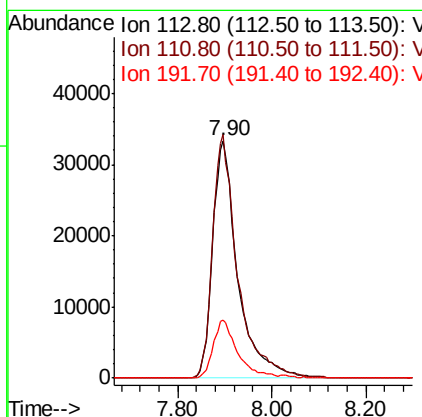
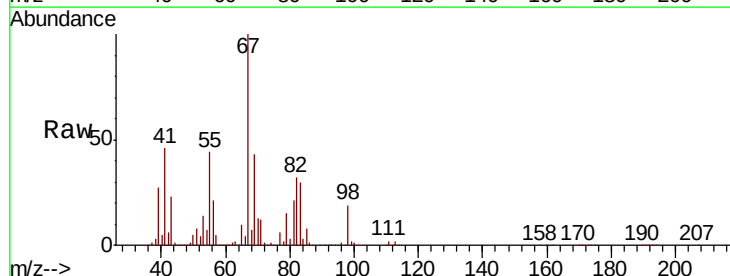
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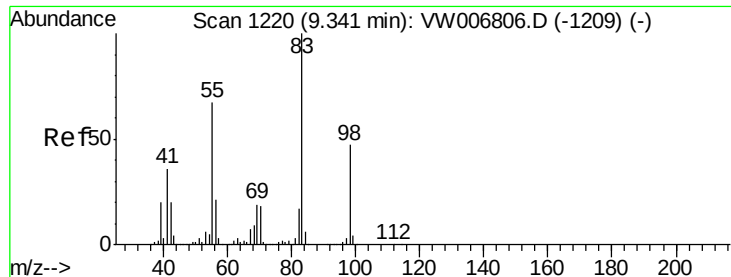
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#35
 Dibromofluoromethane
 Concen: 90.630 ug/l
 RT: 7.90 min Scan# 983
 Delta R.T. 0.01 min
 Lab File: VW006858.D
 Acq: 13 Nov 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	123691		
111	101.6	81.0	121.6	
192	24.2	19.0	28.6	





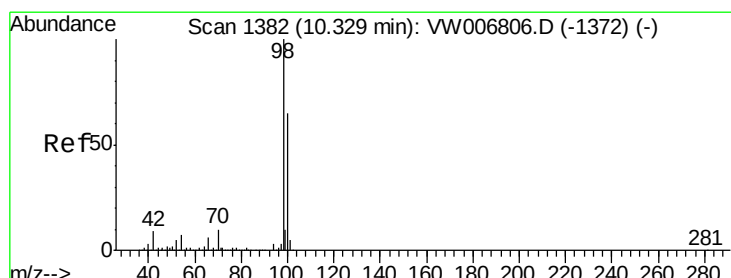
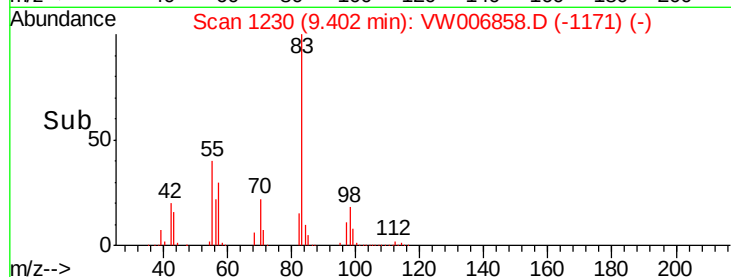
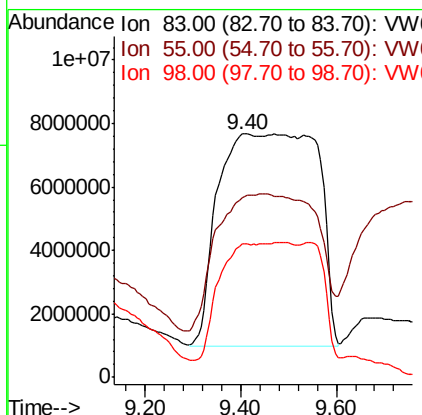
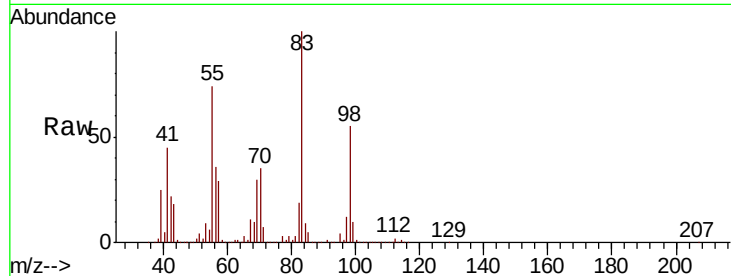
#39
Methylvlcyclohexane
Concen: 34388.835 ug/l m
RT: 9.40 min Scan# 1230
Delta R.T. 0.06 min
Lab File: VW006858.D
Acq: 13 Nov 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion: 83 Resp: 95692735
Ion Ratio Lower Upper
83 100
55 74.0 53.3 79.9
98 54.7 37.9 56.9

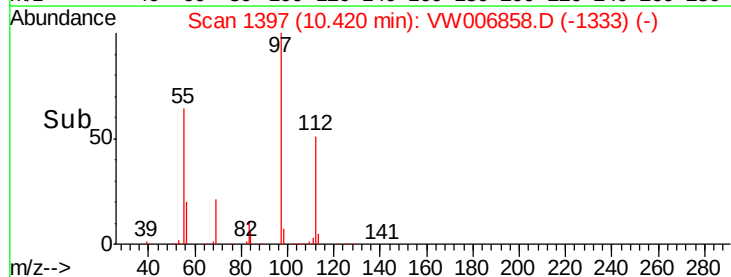
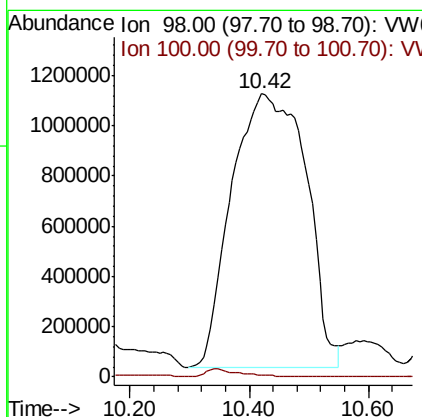
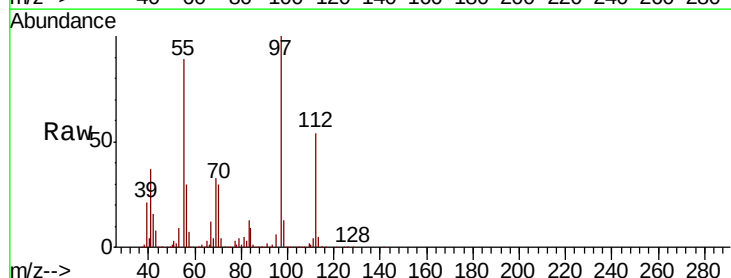
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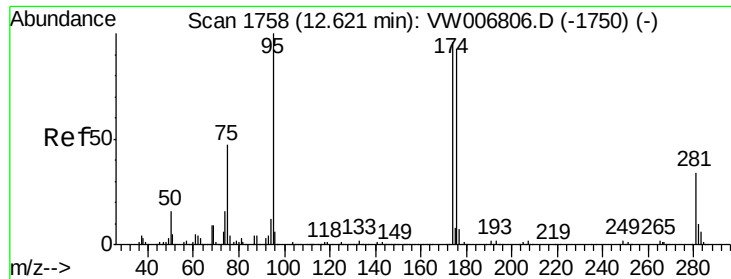
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#50
Toluene-d8
Concen: 1669.316 ug/l
RT: 10.42 min Scan# 1397
Delta R.T. 0.09 min
Lab File: VW006858.D
Acq: 13 Nov 2018 16:54

Tgt Ion: 98 Resp: 9443060
Ion Ratio Lower Upper
98 100
100 0.0 51.4 77.2#





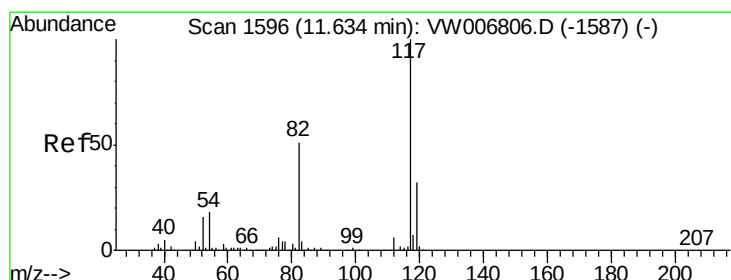
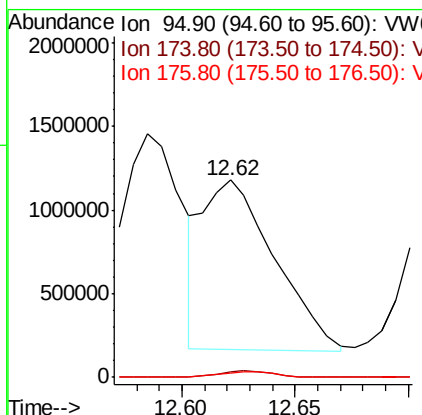
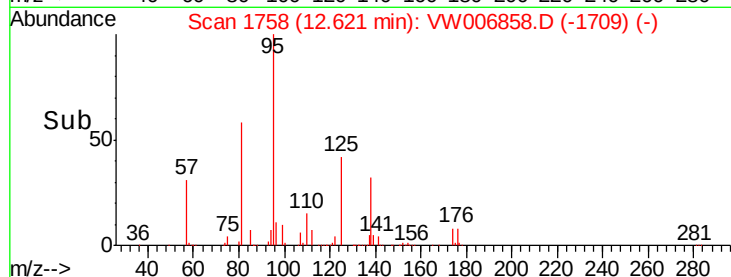
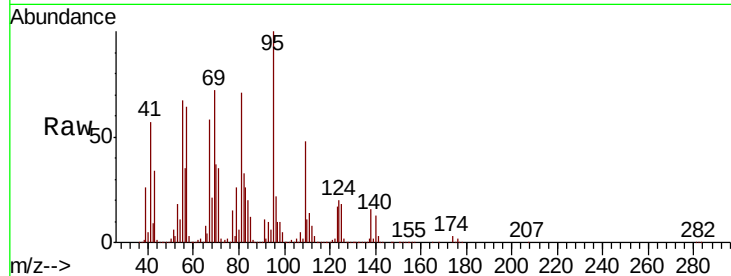
#62
4-Bromofluorobenzene
Concen: 1060.592 ug/l m
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006858.D
Acq: 13 Nov 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion: 95 Resp: 2209729
Ion Ratio Lower Upper
95 100
174 0.0 0.0 196.6
176 0.0 0.0 191.6

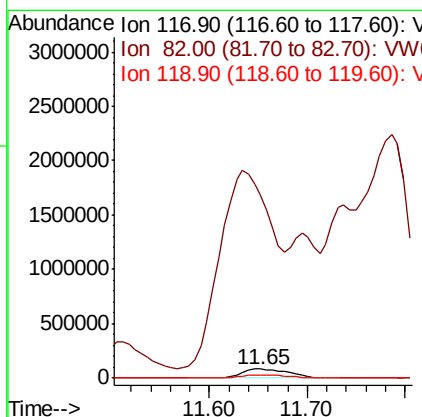
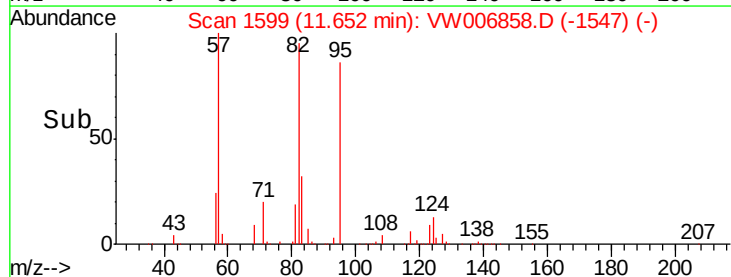
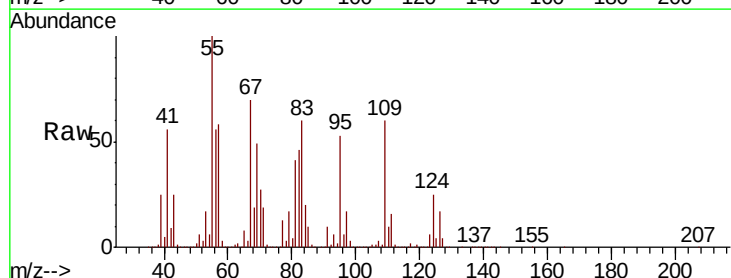
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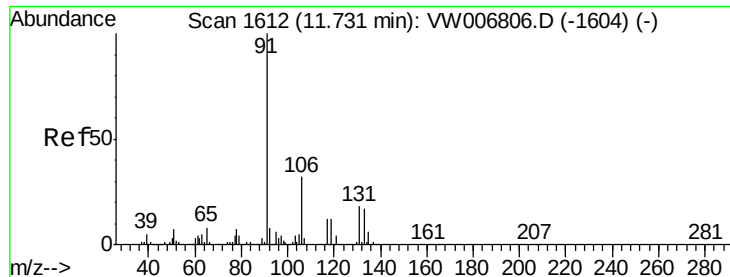
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. 0.02 min
Lab File: VW006858.D
Acq: 13 Nov 2018 16:54

Tgt Ion: 117 Resp: 269074
Ion Ratio Lower Upper
117 100
82 1891.9 40.6 61.0#
119 33.2 25.5 38.3





#67

Ethyl Benzene

Concen: 2987.784 ug/l m

RT: 11.75 min Scan# 1615

Delta R.T. 0.02 min

Lab File: VW006858.D

Acq: 13 Nov 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-111(17-19)

Tot Ion: 91 Resp: 30405311

Ion Ratio Lower Upper

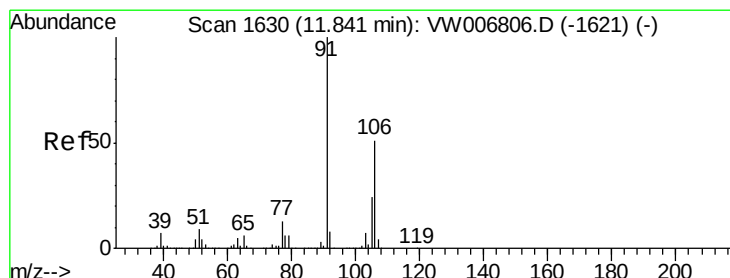
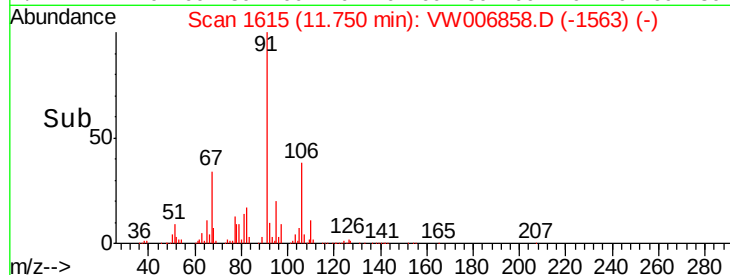
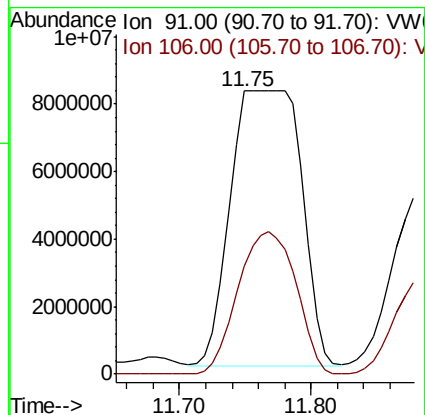
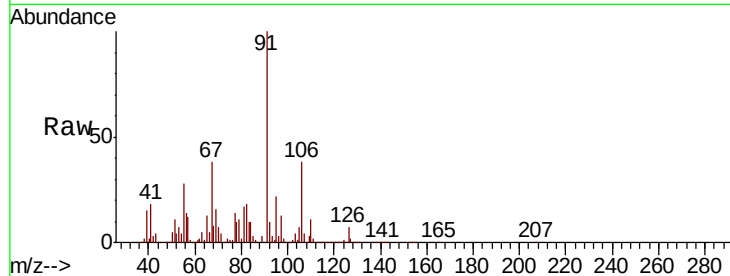
91 100

106 38.3 25.4 38.0#

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#68

m/p-Xylenes

Concen: 1579.114 ug/l

RT: 11.88 min Scan# 1637

Delta R.T. 0.04 min

Lab File: VW006858.D

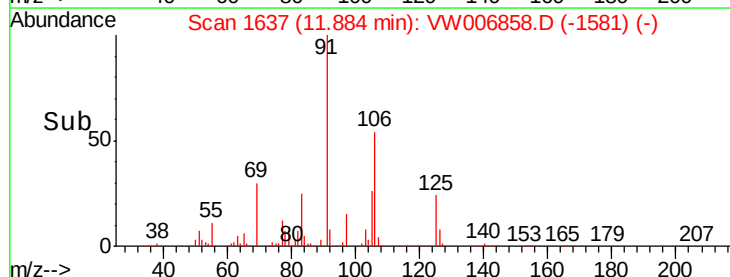
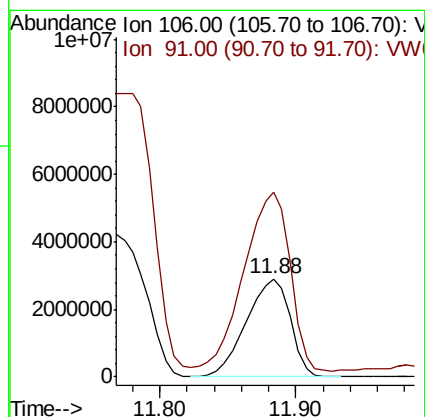
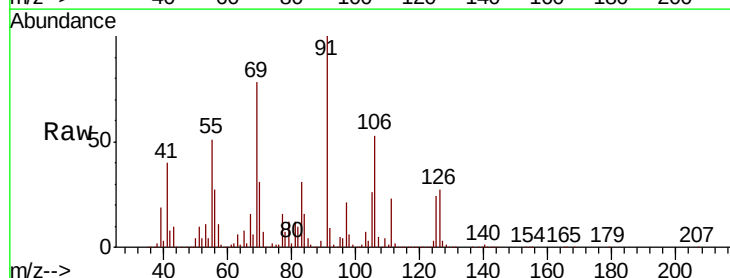
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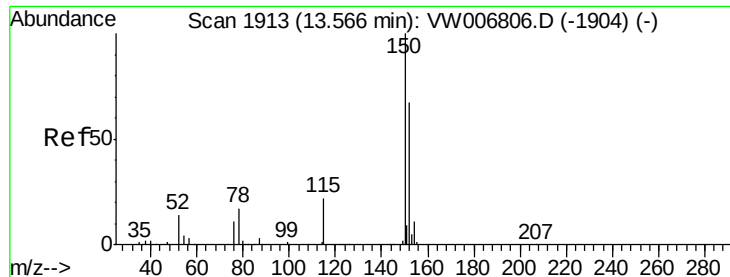
Tgt Ion: 106 Resp: 6575036

Ion Ratio Lower Upper

106 100

91 190.5 155.7 233.5





#72

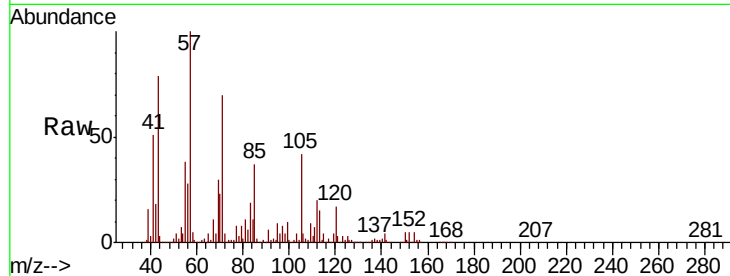
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW006858.D
Acq: 13 Nov 2018 16:54

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-111(17-19)

Tot Ion	Ratio	Lower	Upper
152	100		
115	0.0	27.3	81.8#
150	52.8	0.0	353.0

Manual Integrations
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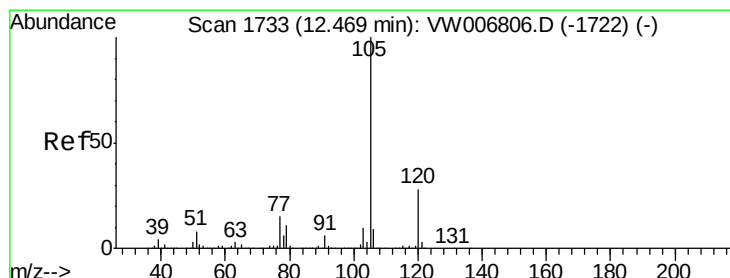
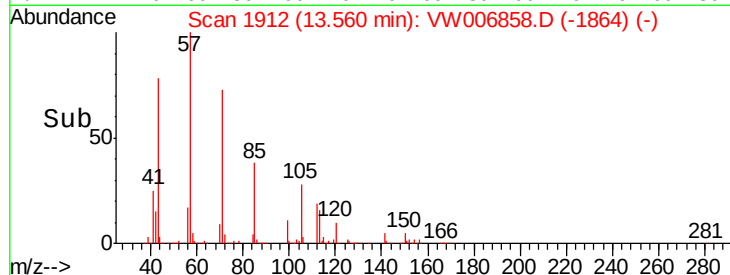
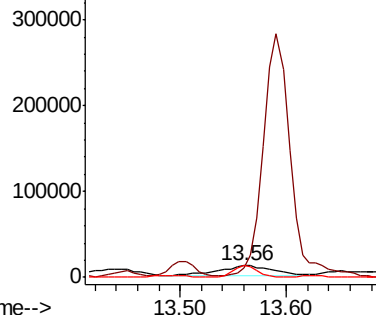


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

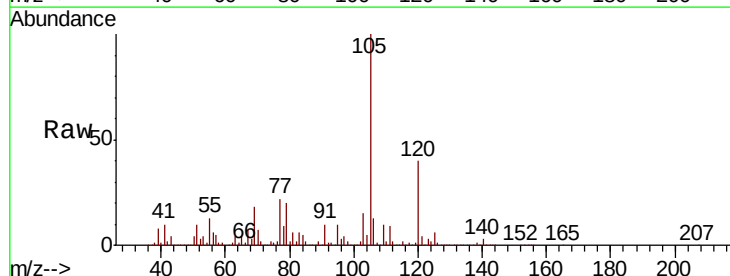
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 6915.273 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW006858.D
Acq: 13 Nov 2018 16:54

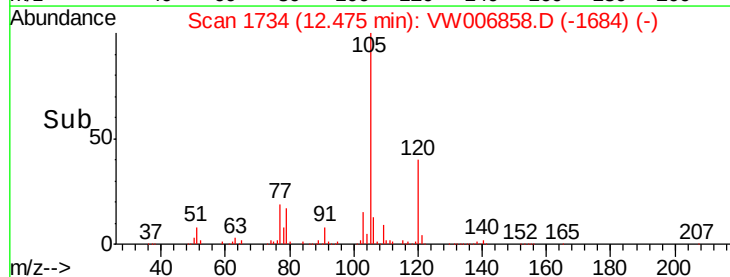
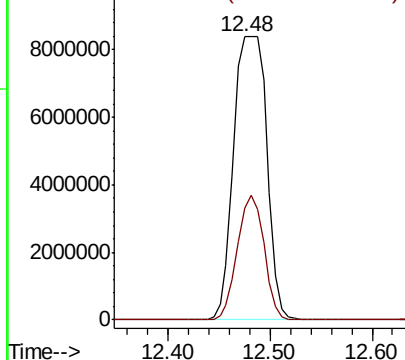
Tgt Ion	Ratio	Lower	Upper
105	100		
120	35.3	14.0	42.0

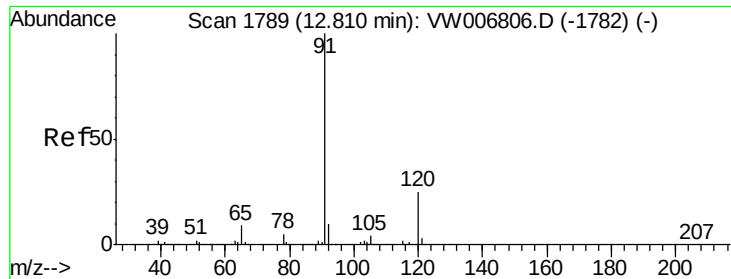


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 7192.735 ug/l m

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW006858.D

Acq: 13 Nov 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-111(17-19)

Tot Ion: 91 Resp: 23240475

Ion Ratio Lower Upper

91 100

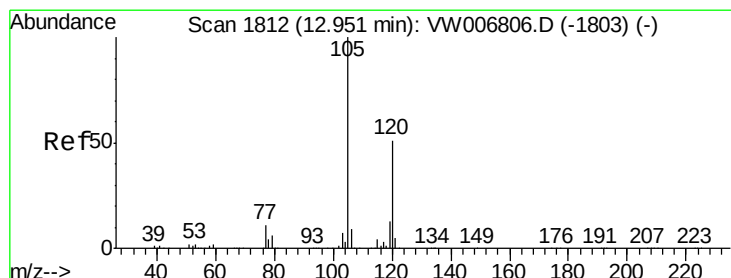
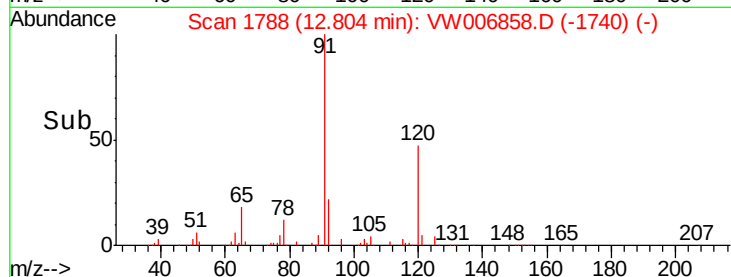
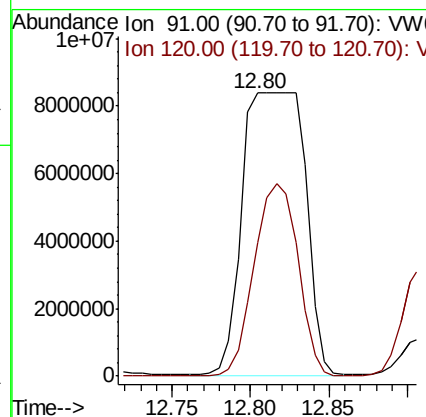
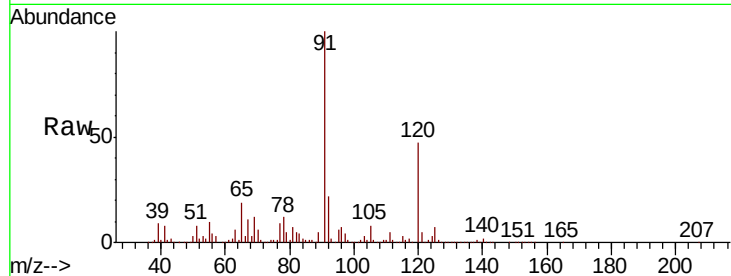
120 22.8 12.4 37.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 1134.915 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006858.D

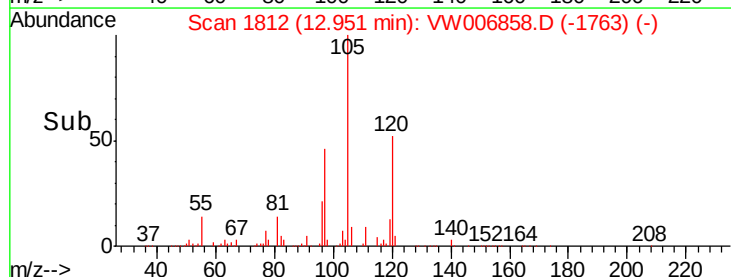
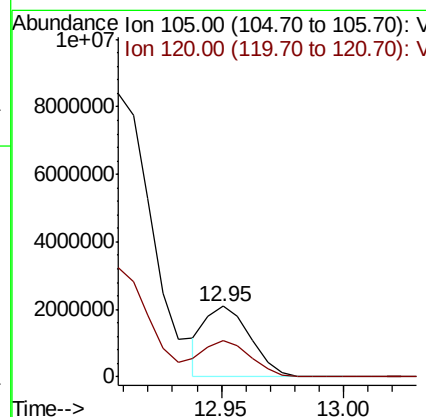
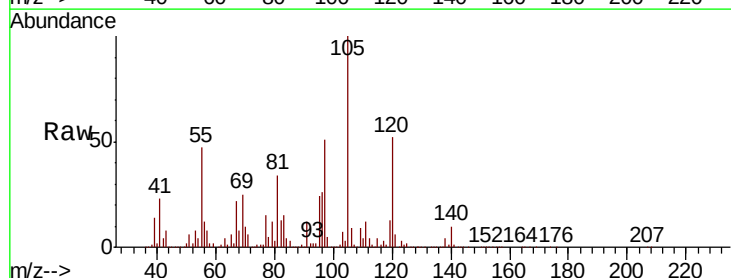
Acq: 13 Nov 2018 16:54

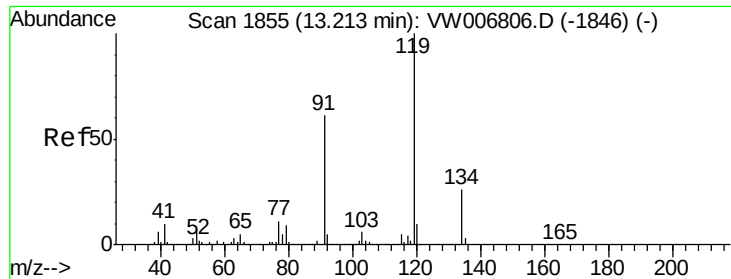
Tgt Ion: 105 Resp: 2670991

Ion Ratio Lower Upper

105 100

120 58.8 25.3 75.9





#83

tert-Butylbenzene

Concen: 93.717 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW006858.D

Acq: 13 Nov 2018 16:54

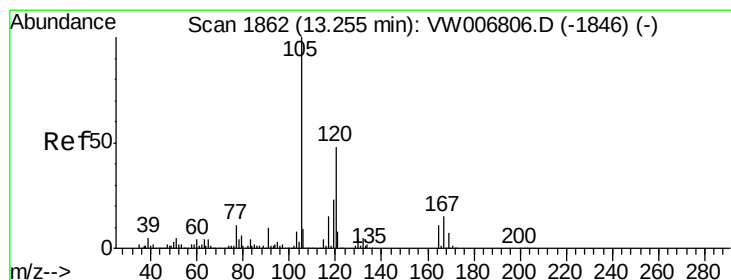
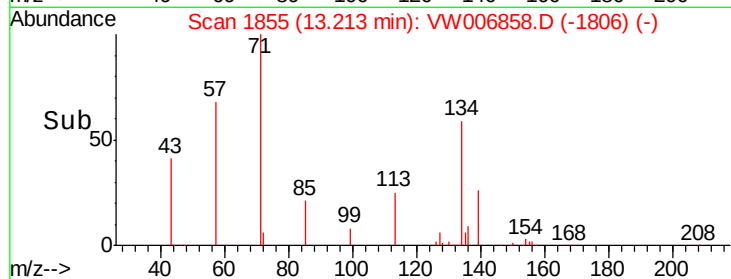
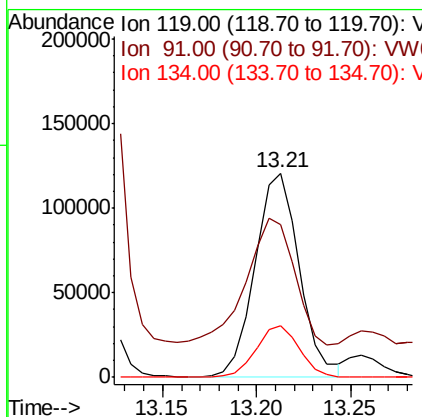
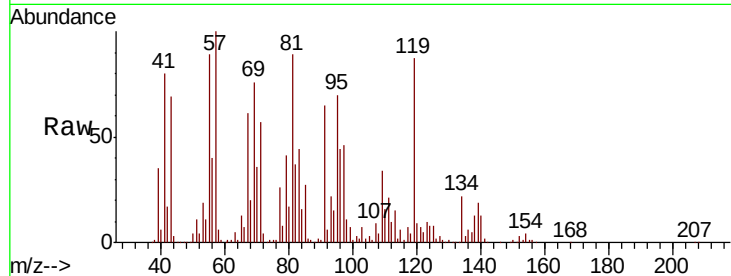
Instrument :
MSVOA_W

ClientSampleId :
EP2-SB-111(17-19)

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.3	30.0	90.1
134	24.9	13.4	40.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 67.110 ug/l m

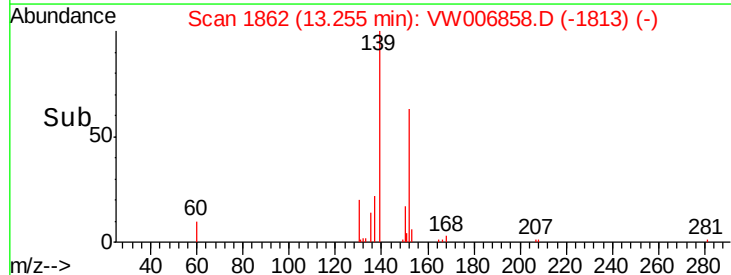
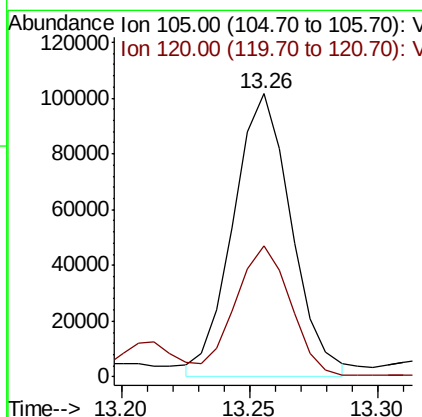
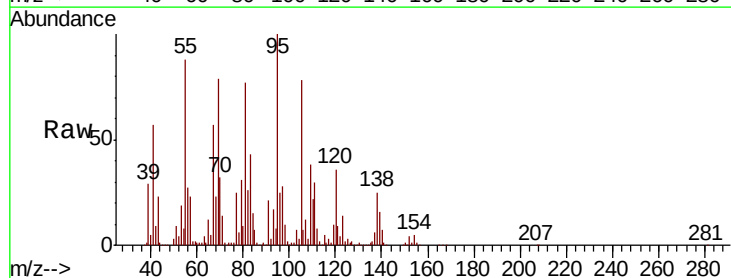
RT: 13.26 min Scan# 1862

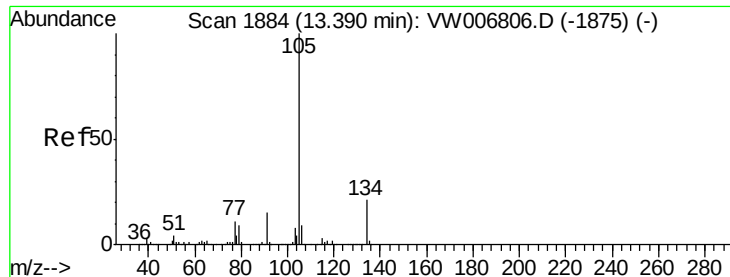
Delta R.T. -0.00 min

Lab File: VW006858.D

Acq: 13 Nov 2018 16:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	1545.8	23.4	70.0#





#85

sec-Butylbenzene

Concen: 386.427 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006858.D

Acq: 13 Nov 2018 16:54

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-111(17-19)

Tot Ion:105 Resp: 1139151

Ion Ratio Lower Upper

105 100

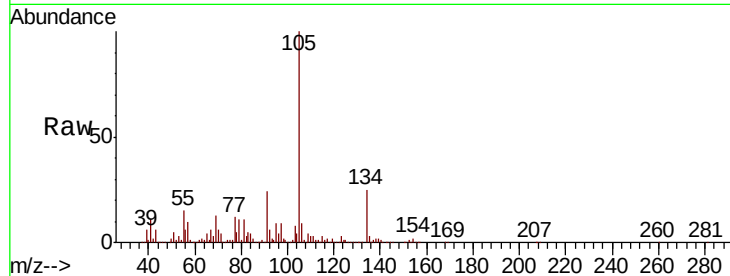
134 51.4 10.7 31.9#

Manual Integrations

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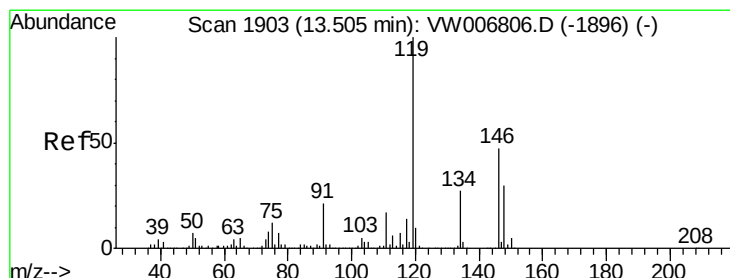
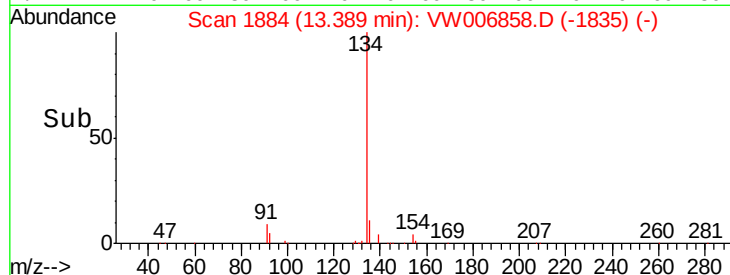
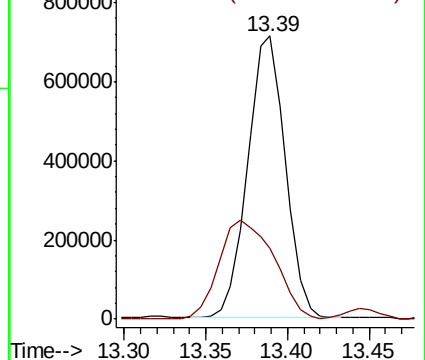
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 150.386 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW006858.D

Acq: 13 Nov 2018 16:54

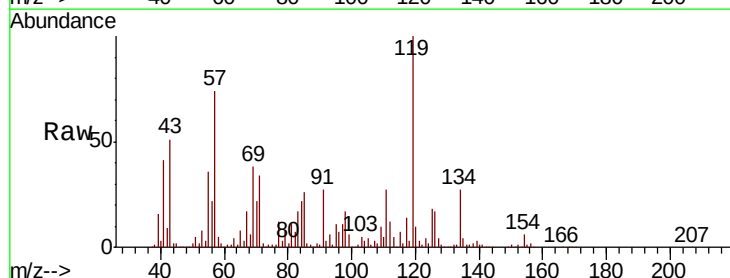
Tgt Ion:119 Resp: 403244

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

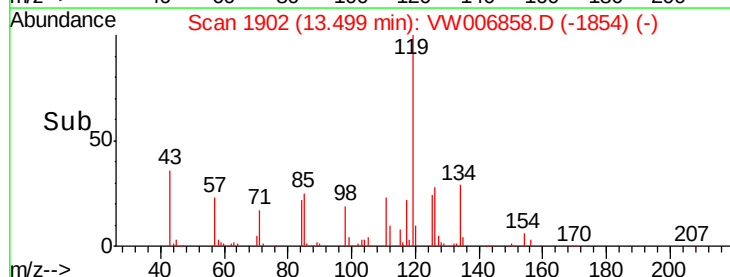
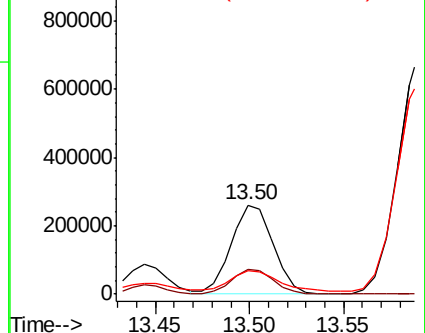
91 26.6 10.8 32.4

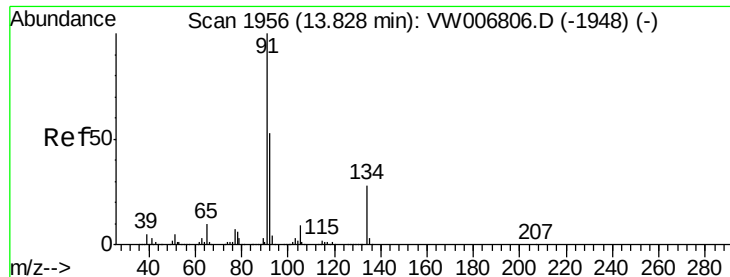


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 423.389 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.01 min

Lab File: VW006858.D

Acq: 13 Nov 2018 16:54

Instrument :

MSVOA_W

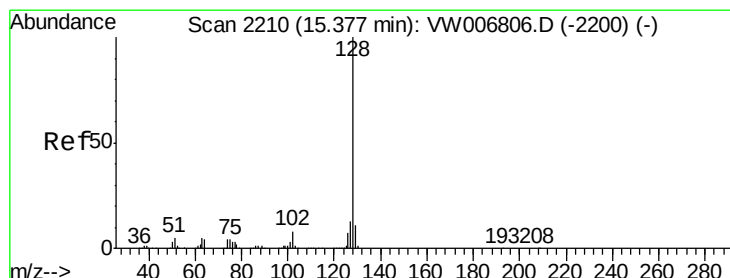
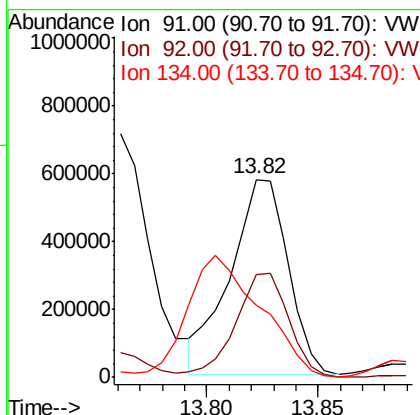
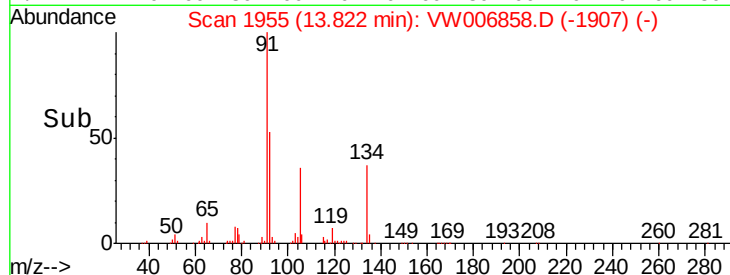
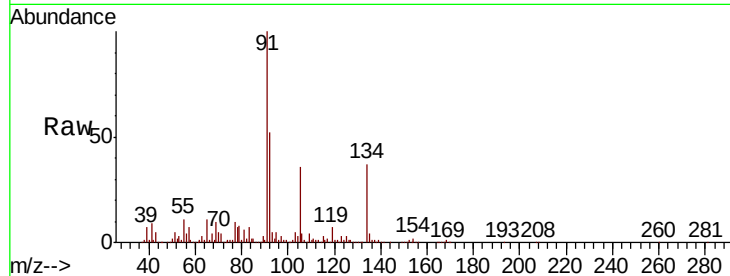
ClientSampleId :

EP2-SB-111(17-19)

Tot Ion:	91	Resp:	1037513
Ion	Ratio	Lower	Upper
91	100		
92	48.9	26.5	79.4
134	0.0	14.4	43.2#

Manual Integrations
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#95

Naphthalene

Concen: 603.446 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW006858.D

Acq: 13 Nov 2018 16:54

Tgt Ion:	128	Resp:	834743
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	8.3	8.6	13.0#

