

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111318\
 Data File : VW006870.D
 Acq On : 13 Nov 2018 21:59
 Operator : SY/AP
 Sample : J5860-22RE
 Misc : 5.37G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-SB-110(17-19)RE

Manual Integrations
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Quant Time: Nov 14 07:15:11 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	7.98	168	272073	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.86	114	351703	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.65	117	283171	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.57	152	24784	50.00	ug/l	0.00

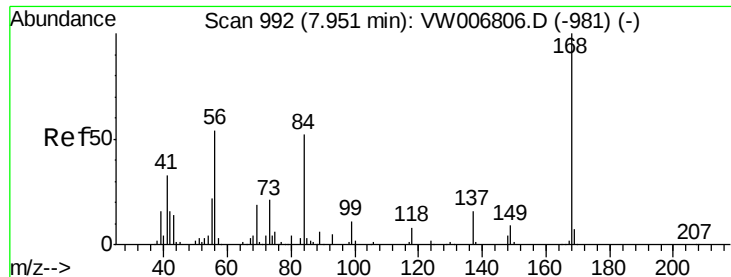
System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154072	77.46	ug/l	0.00
Spiked Amount						
						Recovery = 154.92%
35) Dibromofluoromethane	7.90	113	122941	58.70	ug/l	0.00
Spiked Amount						
						Recovery = 117.40%
50) Toluene-d8	10.44	98	5293503	609.81	ug/l	0.11
Spiked Amount						
						Recovery = 1219.62%
62) 4-Bromofluorobenzene	12.62	95	984188	307.83	ug/l	0.00
Spiked Amount						
						Recovery = 615.66%

Target Compounds

						Qvalue
10) Methyl Iodide	4.28	142	4988	1.463	ug/l	97
16) Acetone	4.14	43	277893	972.883	ug/l #	69
17) Carbon Disulfide	4.38	76	20077	3.089	ug/l	97
30) Chloroform	7.71	83	6480530	1594.223	ug/l #	22
31) Cyclohexane	7.98	56	12067912	3166.640	ug/l #	80
39) Methylcyclohexane	9.40	83	70032887	16400.972	ug/l	95
55) 1,1,2-Trichloroethane	10.85	97	15122223	8583.102	ug/l #	34
64) Tetrachloroethene	10.94	164	4060m	1.789	ug/l	
67) Ethyl Benzene	11.73	91	53623990m	5007.049	ug/l	
68) m/p-Xylenes	11.91	106	30031738	6853.600	ug/l #	1
73) Isopropylbenzene	12.48	105	19418138	11287.318	ug/l	83
78) n-propylbenzene	12.80	91	24515246m	12073.990	ug/l	
80) 1,3,5-Trimethylbenzene	12.94	105	16269826	11001.182	ug/l	66
84) 1,2,4-Trimethylbenzene	13.25	105	25107773m	16682.327	ug/l	
85) sec-Butylbenzene	13.39	105	1334439	720.362	ug/l #	40
86) p-Isopropyltoluene	13.51	119	535634	317.887	ug/l #	79
89) n-Butylbenzene	13.83	91	2283603	1482.970	ug/l #	76
95) Naphthalene	15.37	128	11559227	13297.809	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 996

Delta R.T. 0.02 min

Lab File: VW006870.D

Acq: 13 Nov 2018 21:59

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-110(17-19)RE

Tot Ion:168 Resp: 272073

Ion Ratio Lower Upper

168 100

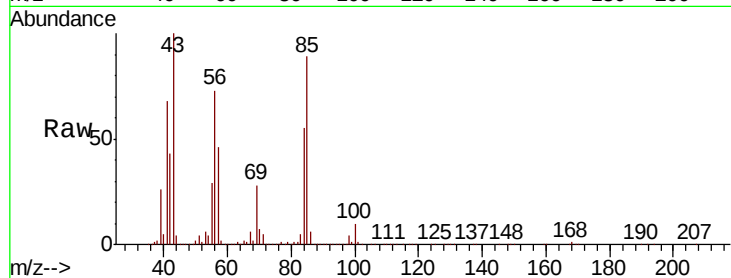
99 63.2 37.3 55.9#

Manual Integrations

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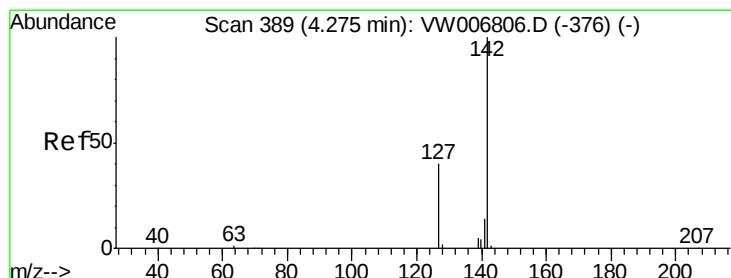
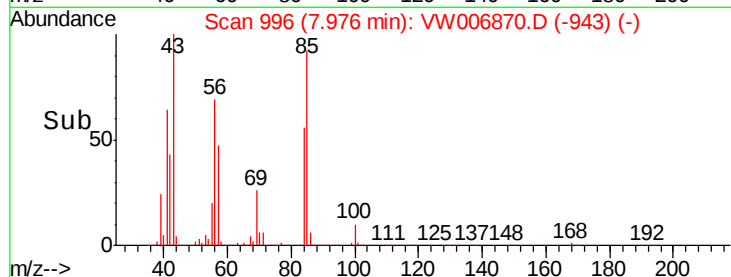
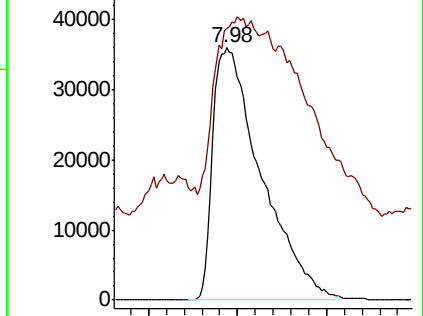
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V



#10

Methyl Iodide

Concen: 1.463 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW006870.D

Acq: 13 Nov 2018 21:59

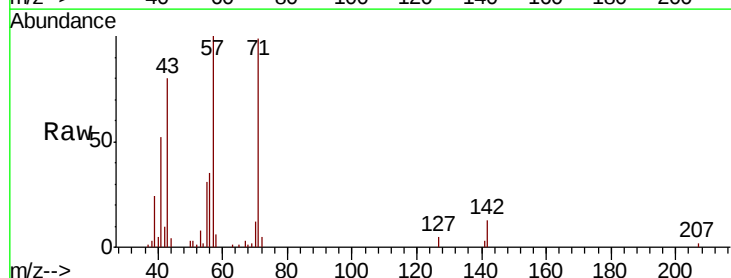
Tgt Ion:142 Resp: 4988

Ion Ratio Lower Upper

142 100

127 38.0 31.8 47.8

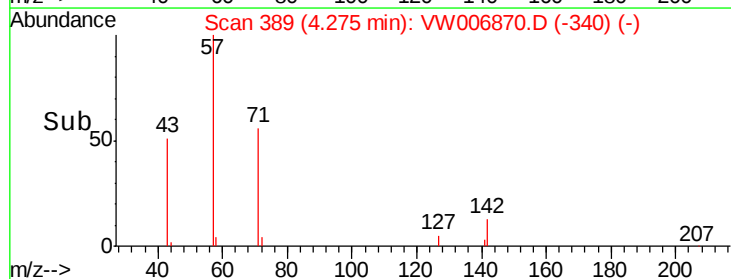
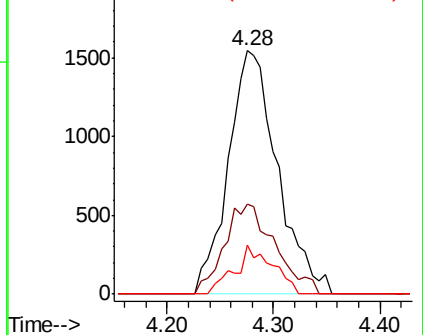
141 15.5 11.5 17.3

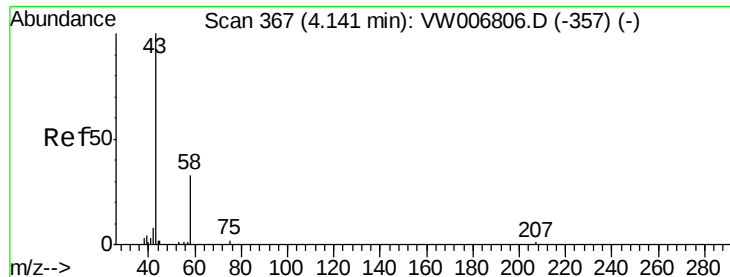


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





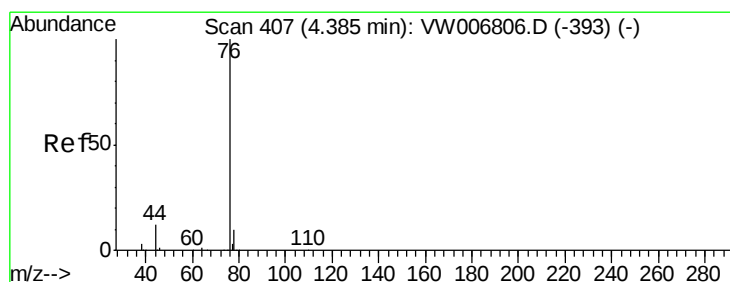
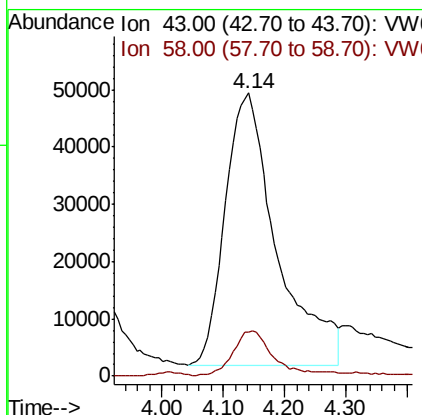
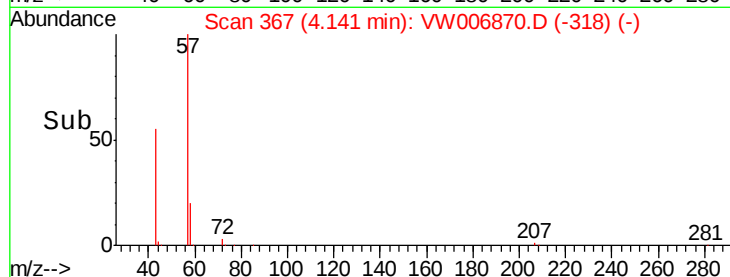
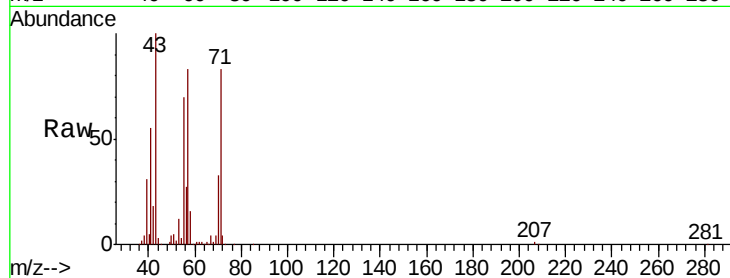
#16
Acetone
Concen: 972.883 ug/l
RT: 4.14 min Scan# 367
Delta R.T. -0.00 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)RE

Tot Ion: 43 Resp: 277893
Ion Ratio Lower Upper
43 100
58 15.8 26.5 39.7#

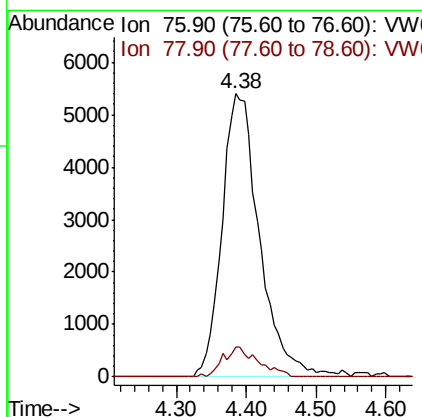
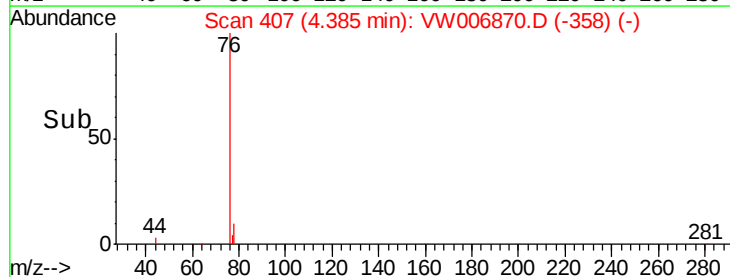
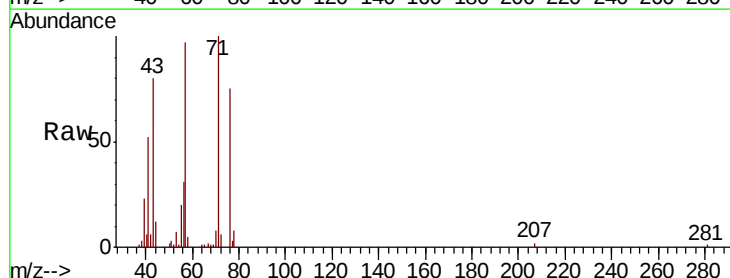
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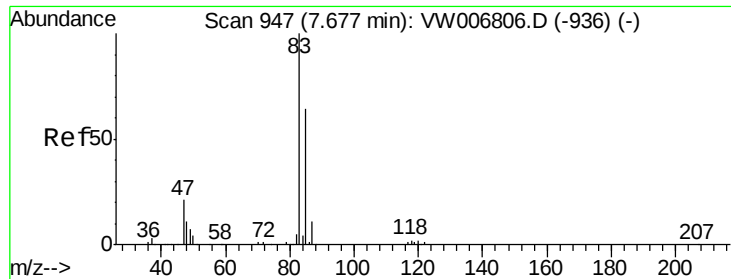
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#17
Carbon Disulfide
Concen: 3.089 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Tgt Ion: 76 Resp: 20077
Ion Ratio Lower Upper
76 100
78 10.4 7.6 11.4





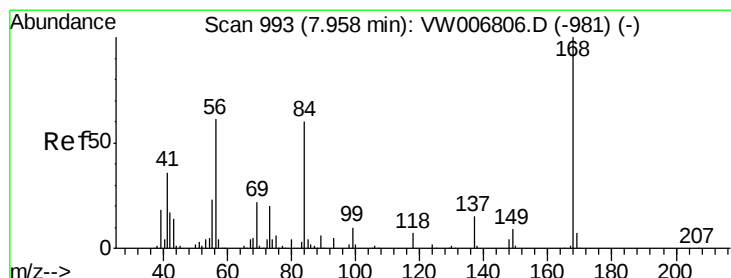
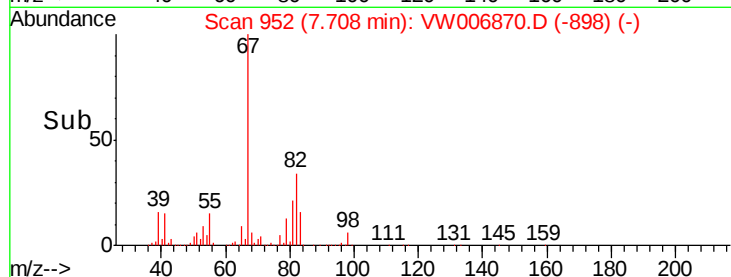
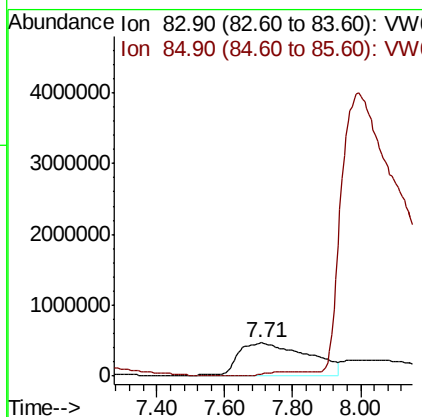
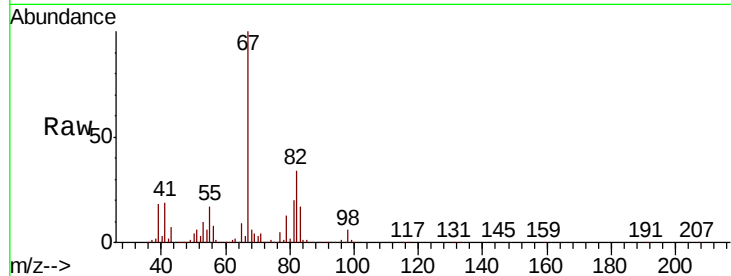
#30
Chloroform
Concen: 1594.223 ug/l
RT: 7.71 min Scan# 952
Delta R.T. 0.03 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)RE

Tot Ion: 83 Resp: 6480530
Ion Ratio Lower Upper
83 100
85 3.4 51.5 77.3#

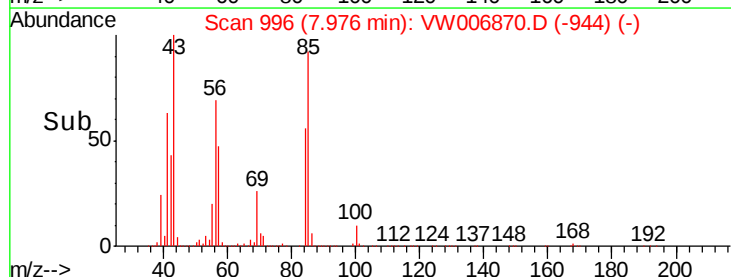
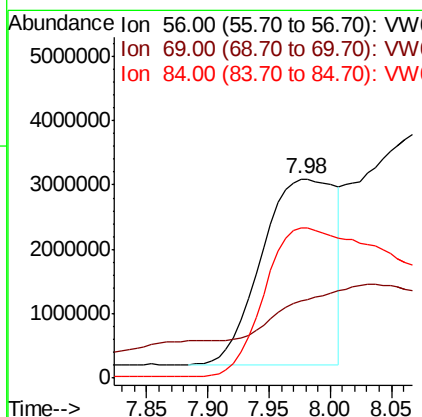
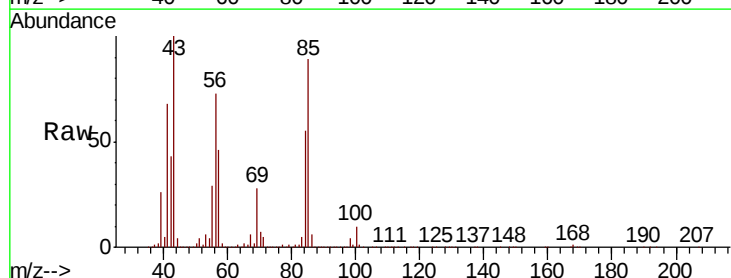
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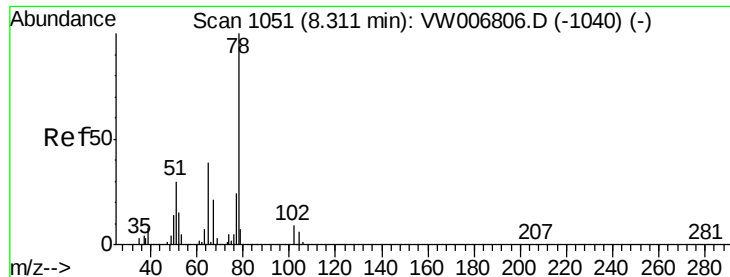
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#31
Cyclohexane
Concen: 3166.640 ug/l
RT: 7.98 min Scan# 996
Delta R.T. 0.02 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Tgt Ion: 56 Resp: 12067912
Ion Ratio Lower Upper
56 100
69 21.4 28.9 43.3#
84 80.5 79.0 118.4





#33

1,2-Dichloroethane-d4

Concen: 77.465 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006870.D

Acq: 13 Nov 2018 21:59

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-110(17-19)RE

Tot Ion: 65 Resp: 154072

Ion Ratio Lower Upper

65 100

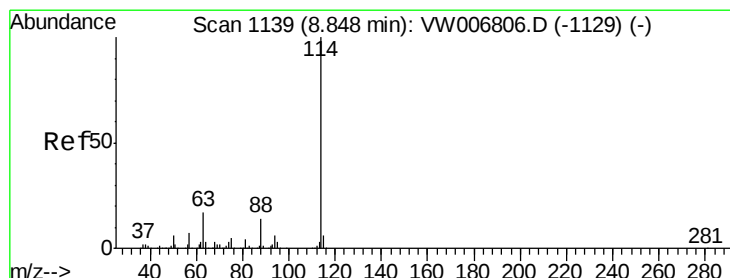
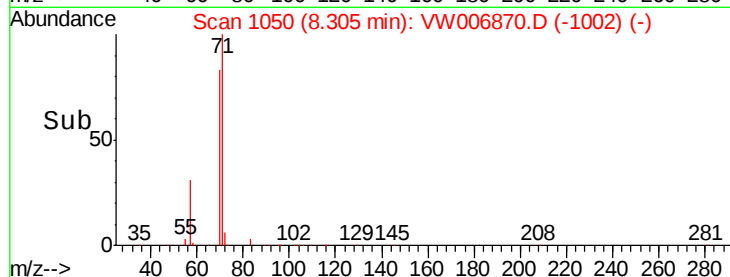
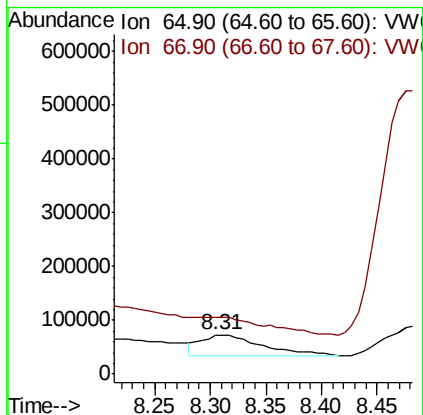
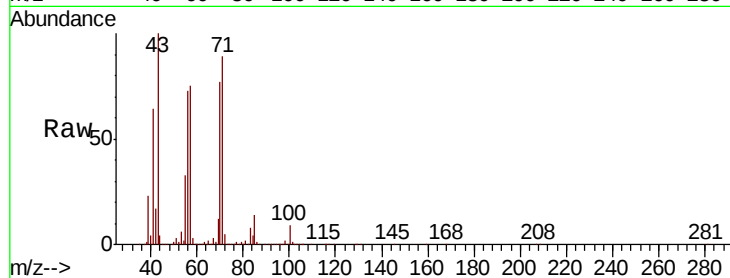
67 0.0 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1141

Delta R.T. 0.01 min

Lab File: VW006870.D

Acq: 13 Nov 2018 21:59

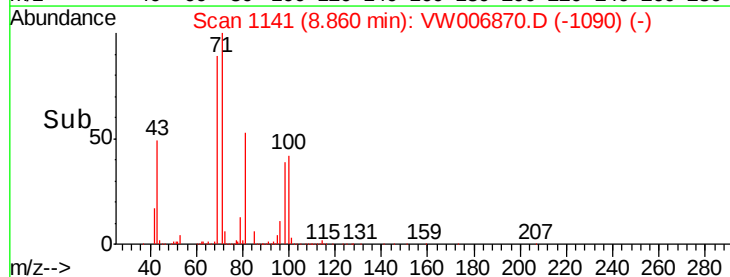
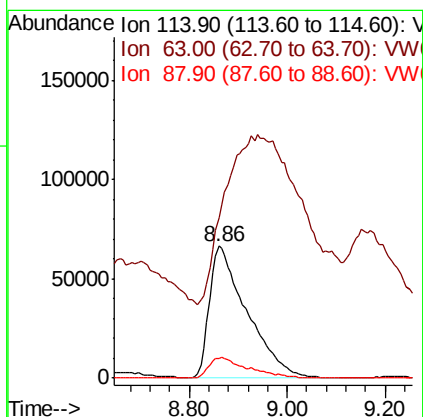
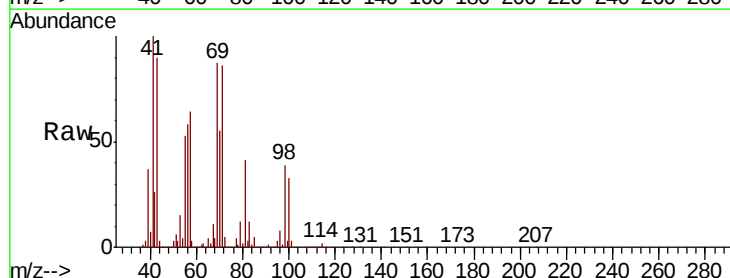
Tgt Ion: 114 Resp: 351703

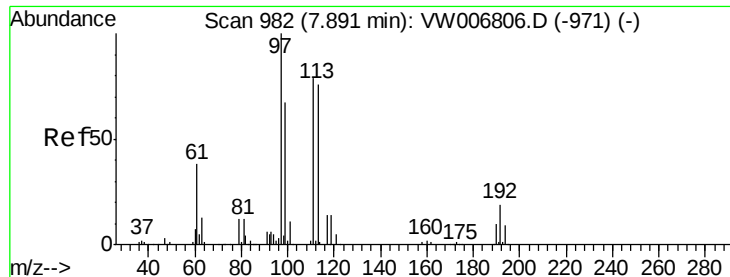
Ion Ratio Lower Upper

114 100

63 62.1 0.0 33.6#

88 14.9 0.0 28.4





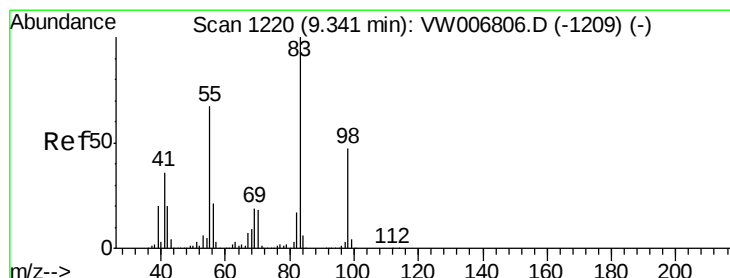
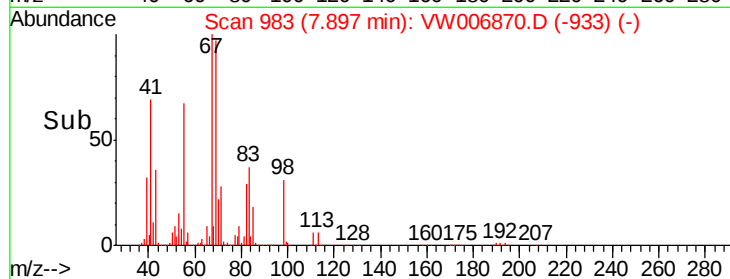
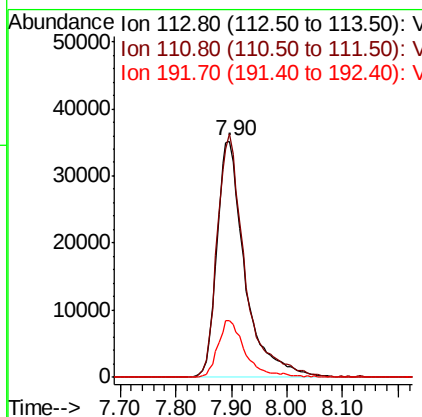
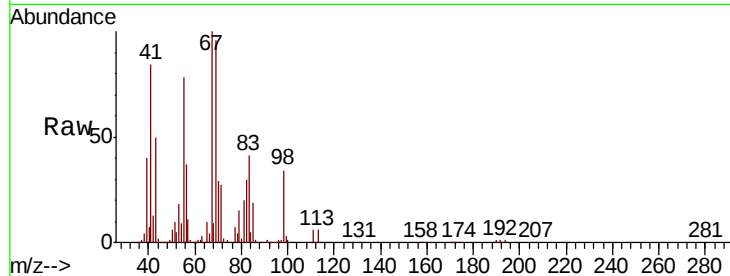
#35
Dibromofluoromethane
Concen: 58.703 ug/l
RT: 7.90 min Scan# 983
Delta R.T. 0.01 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.6
192	23.4	19.0	28.6

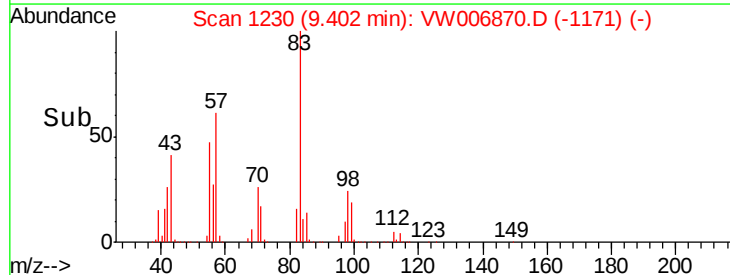
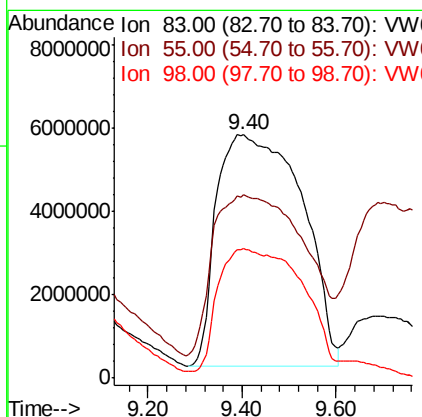
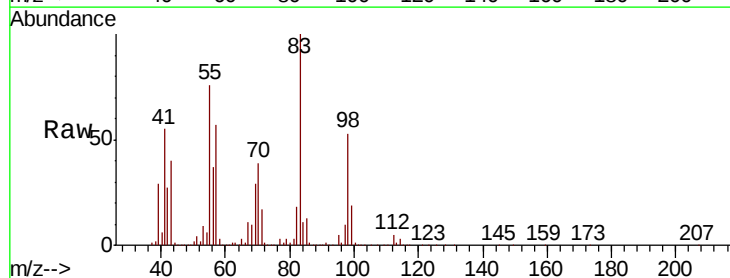
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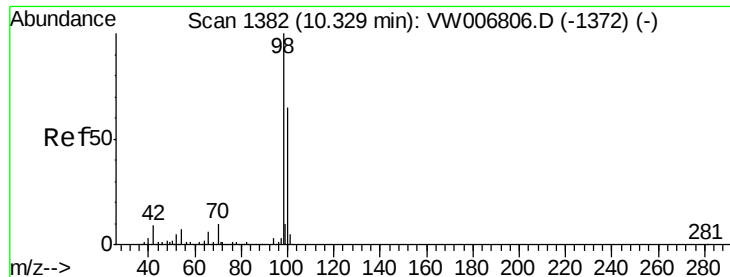
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#39
Methylcyclohexane
Concen: 16400.972 ug/l
RT: 9.40 min Scan# 1230
Delta R.T. 0.06 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.1	53.3	79.9
98	53.1	37.9	56.9





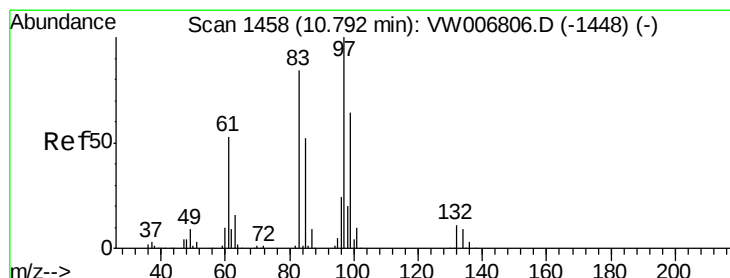
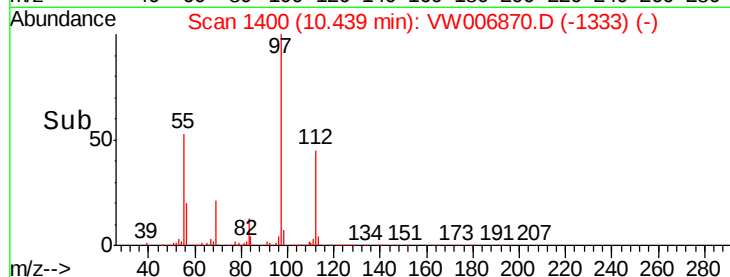
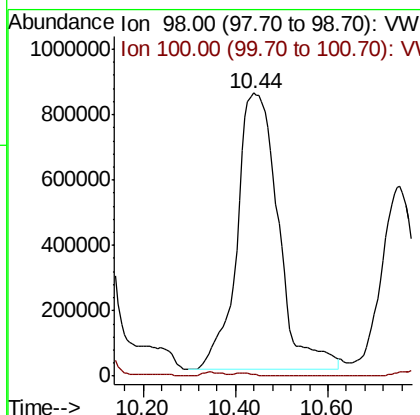
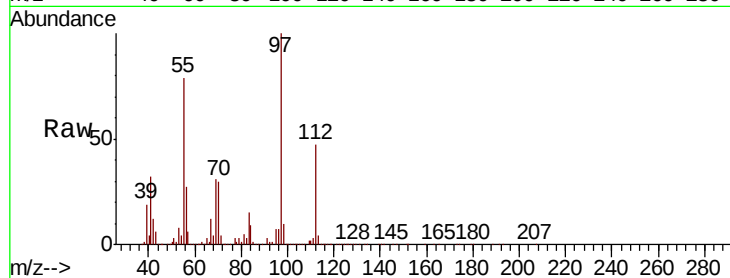
#50
Toluene-d8
Concen: 609.815 ug/l
RT: 10.44 min Scan# 1400
Delta R.T. 0.11 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)RE

Tot Ion: 98 Resp: 5293503
Ion Ratio Lower Upper
98 100
100 0.0 51.4 77.2#

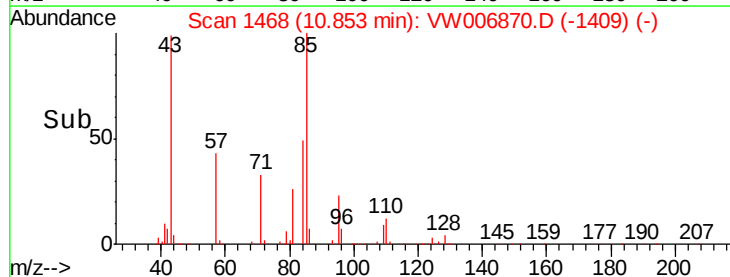
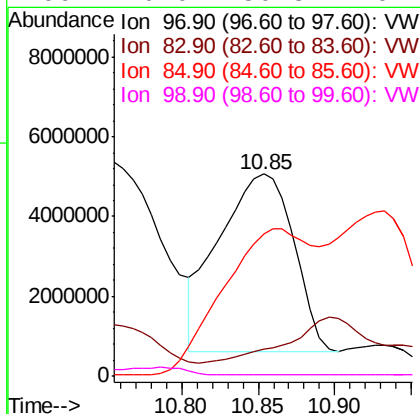
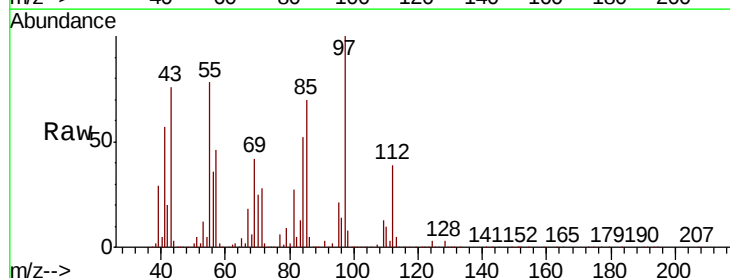
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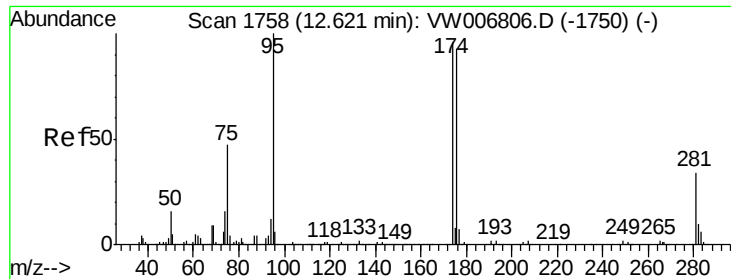
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#55
1,1,2-Trichloroethane
Concen: 8583.102 ug/l
RT: 10.85 min Scan# 1468
Delta R.T. 0.06 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Tgt Ion: 97 Resp: 15122223
Ion Ratio Lower Upper
97 100
83 7.0 67.0 100.4#
85 63.4 41.7 62.5#
99 0.0 50.8 76.2#





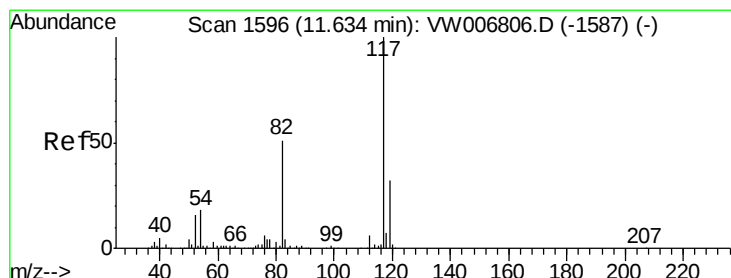
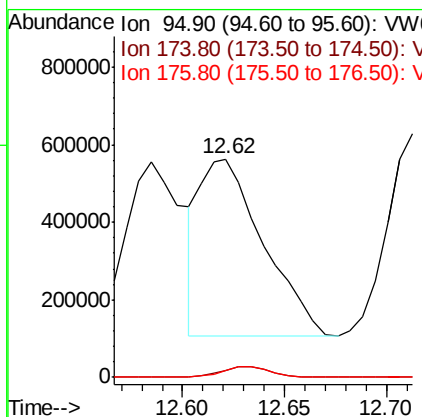
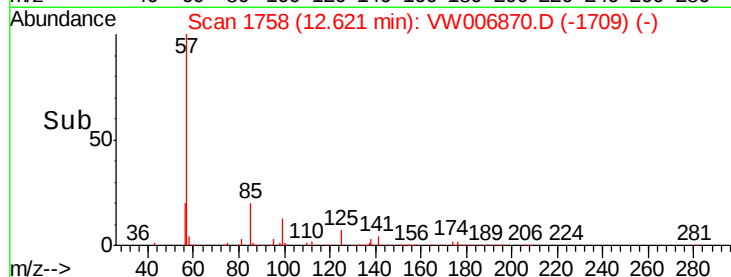
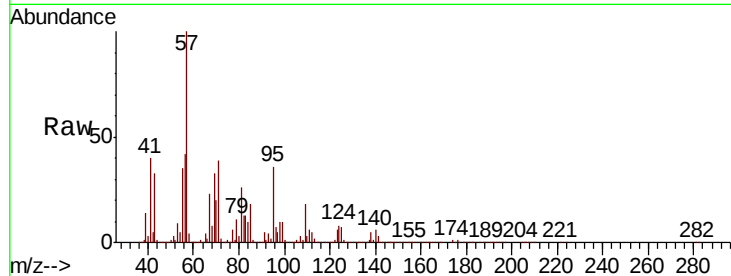
#62
4-Bromofluorobenzene
Concen: 307.834 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)RE

Tot Ion	Ratio	Resp	Lower	Upper
95	100	984188		
174	4.7	0.0	196.6	
176	4.6	0.0	191.6	

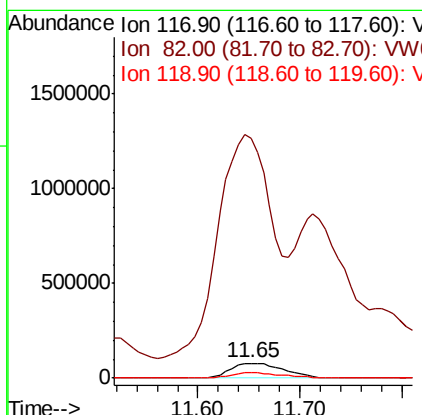
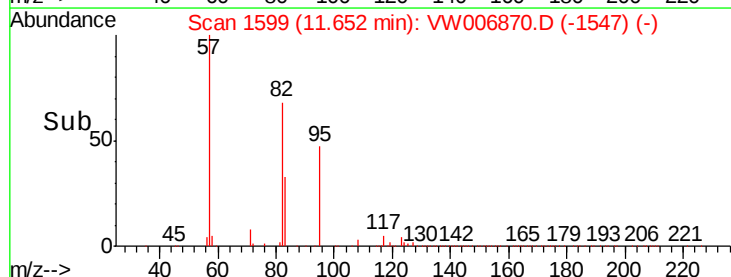
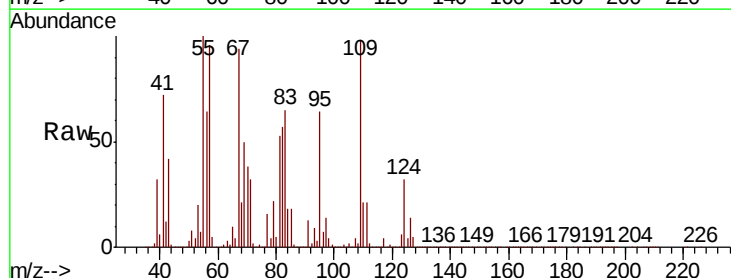
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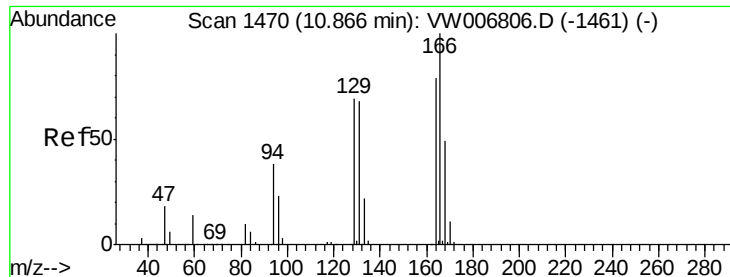
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. 0.02 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	283171		
82	1380.7	40.6	61.0#	
119	33.6	25.5	38.3	





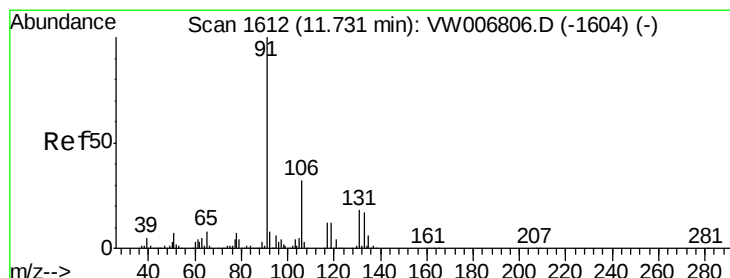
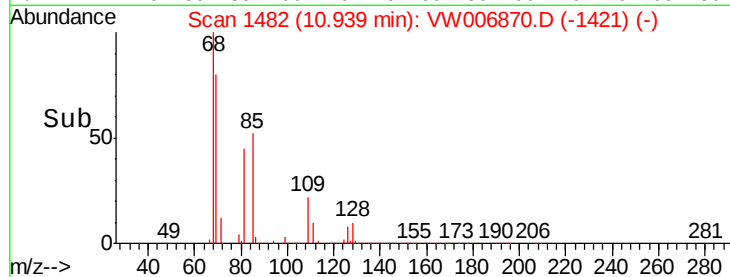
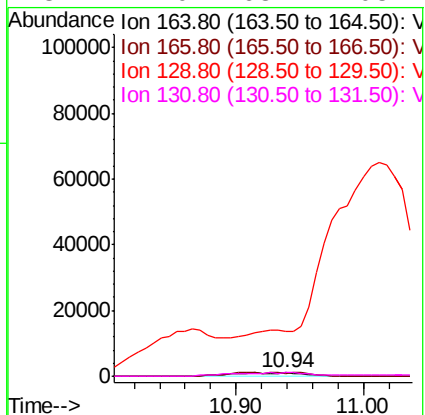
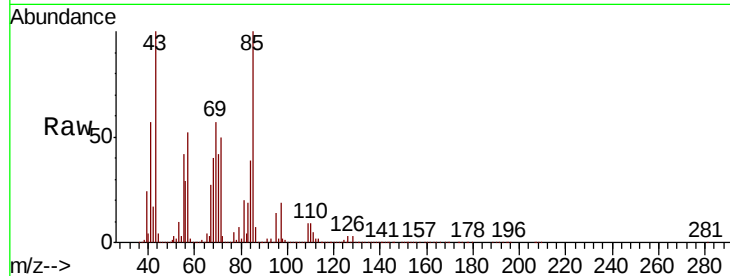
#64
Tetrachloroethene
Concen: 1.789 ug/l m
RT: 10.94 min Scan# 1482
Delta R.T. 0.07 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)RE

Tot Ion:164 Resp: 4060
Ion Ratio Lower Upper
164 100
166 86.3 101.3 151.9#
129 1268.5 69.6 104.4#
131 111.0 68.7 103.1#

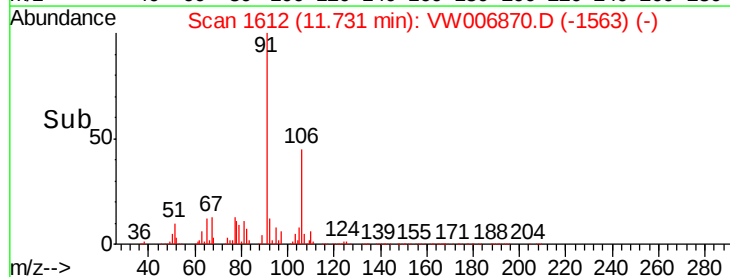
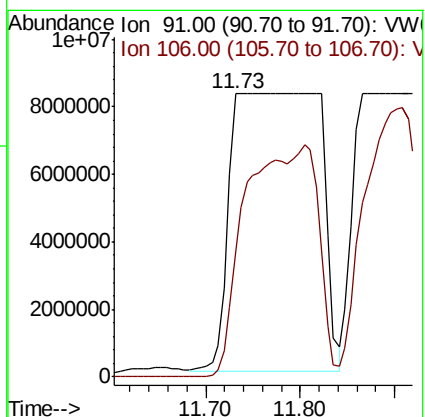
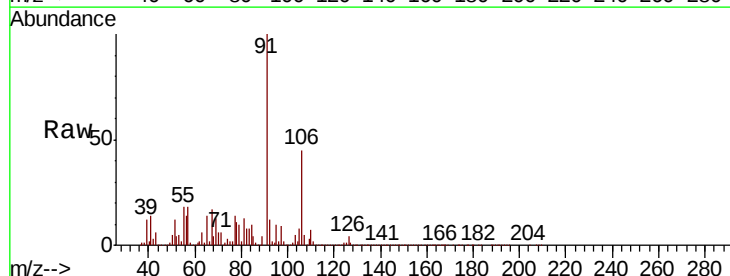
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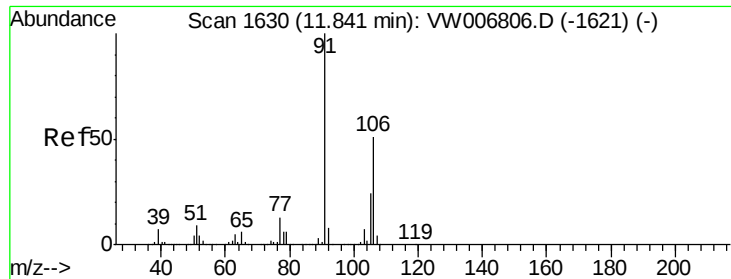
apatel
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#67
Ethyl Benzene
Concen: 5007.049 ug/l m
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Tgt Ion: 91 Resp:53623990
Ion Ratio Lower Upper
91 100
106 44.5 25.4 38.0#





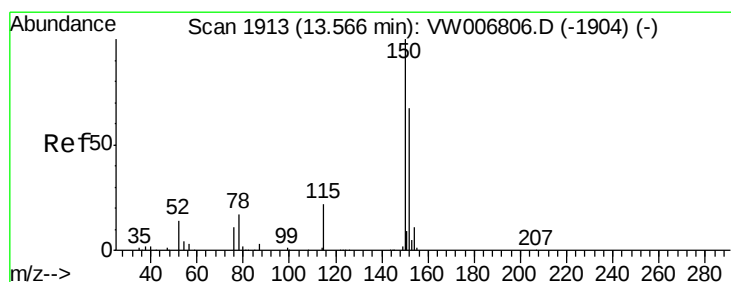
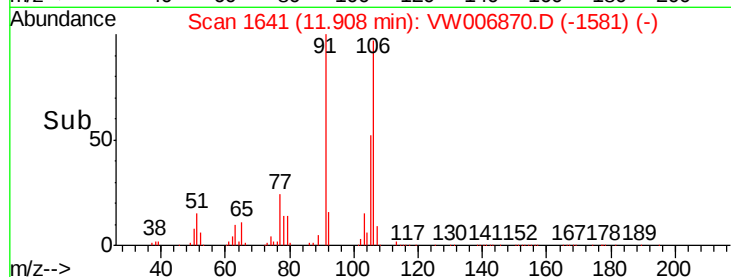
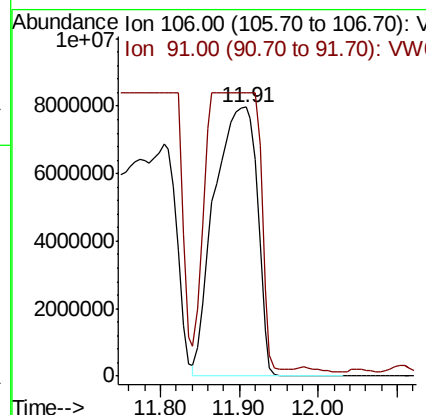
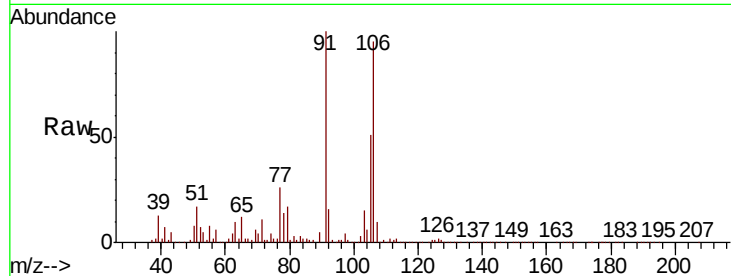
#68
m/p-Xvlenes
Concen: 6853.600 ug/l
RT: 11.91 min Scan# 1641
Delta R.T. 0.07 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)RE

Tot Ion:106 Resp:30031738
Ion Ratio Lower Upper
106 100
91 0.0 155.7 233.5#

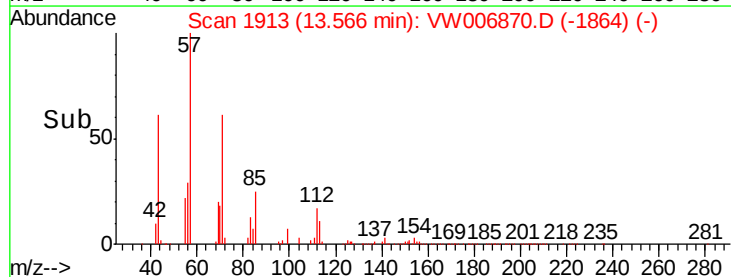
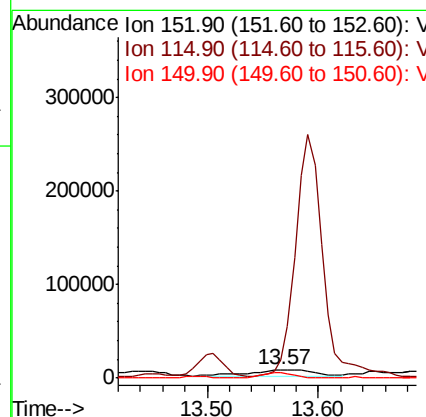
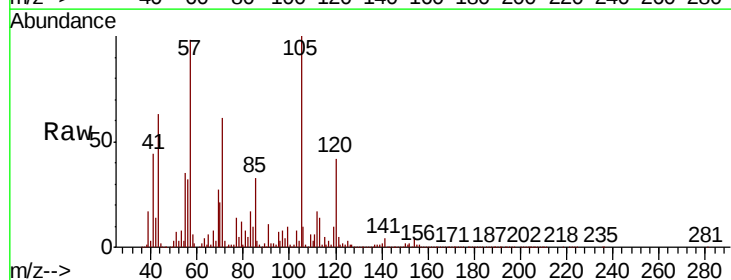
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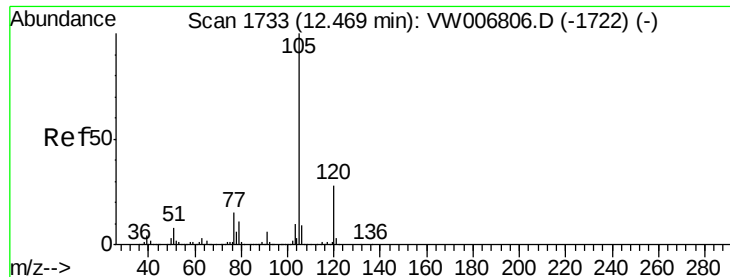
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Tgt Ion:152 Resp: 24784
Ion Ratio Lower Upper
152 100
115 0.0 27.3 81.8#
150 41.8 0.0 353.0





#73

Isopropylbenzene

Concen: 11287.318 ug/l

RT: 12.48 min Scan# 1734

Delta R.T. 0.01 min

Lab File: VW006870.D

Acq: 13 Nov 2018 21:59

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-110(17-19)RE

Tot Ion:105 Resp:19418138

Ion Ratio Lower Upper

105 100

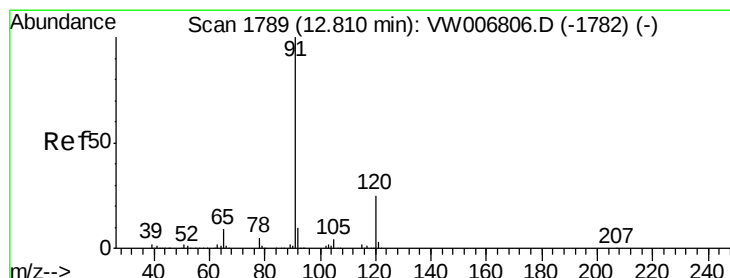
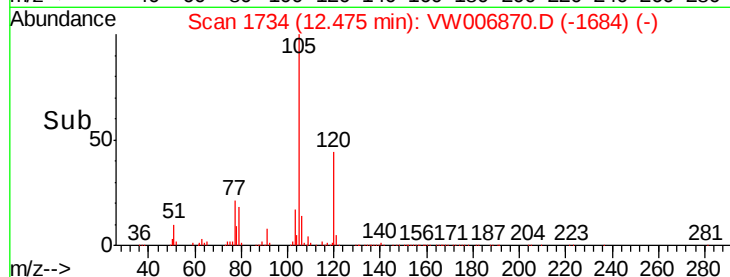
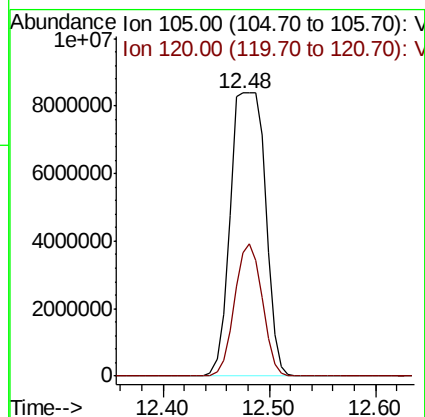
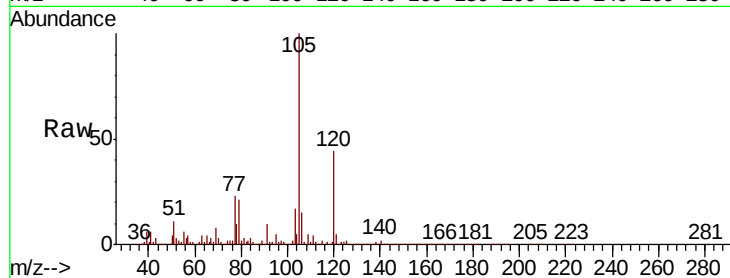
120 36.9 14.0 42.0

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#78

n-propylbenzene

Concen: 12073.990 ug/l m

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW006870.D

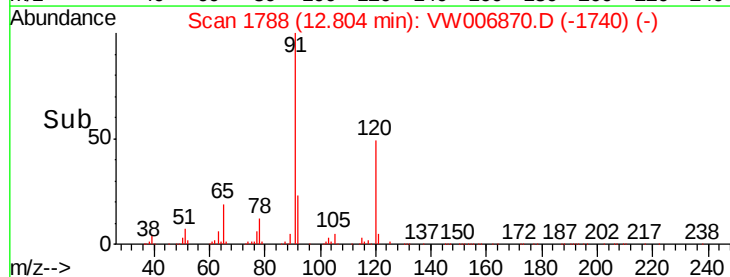
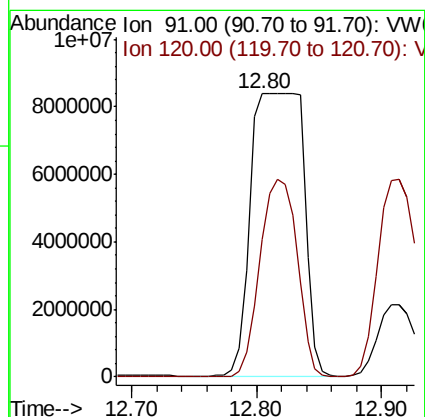
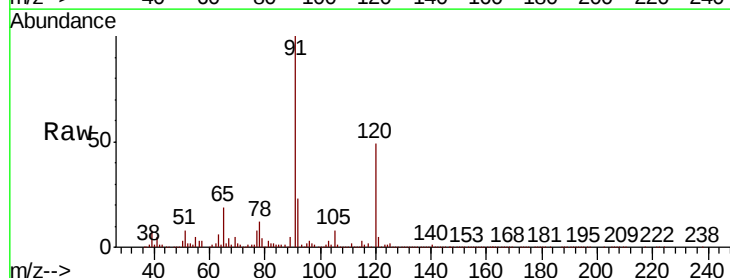
Acq: 13 Nov 2018 21:59

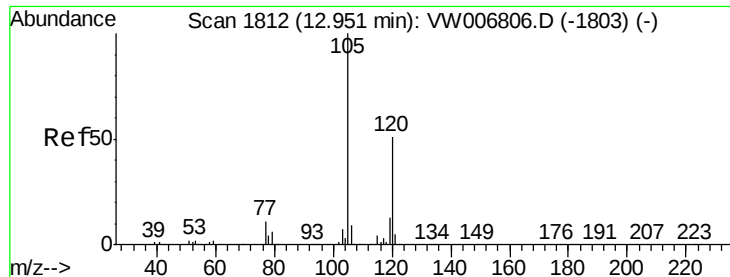
Tgt Ion: 91 Resp:24515246

Ion Ratio Lower Upper

91 100

120 49.2 12.4 37.4#





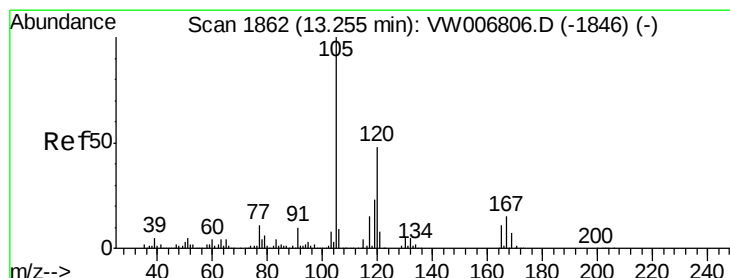
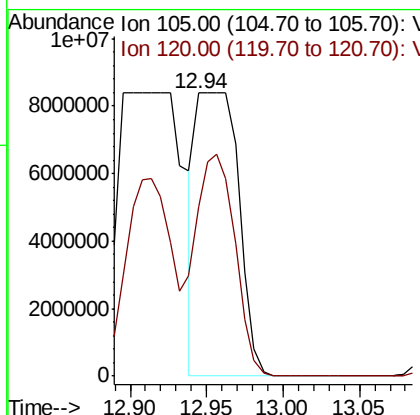
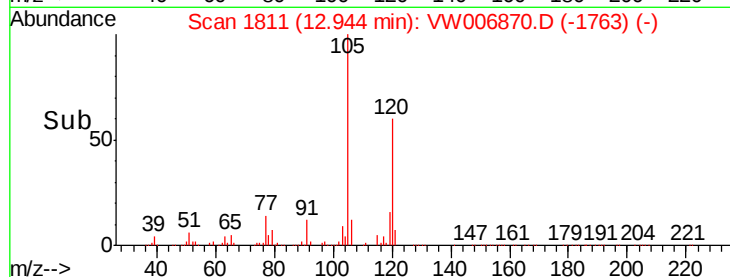
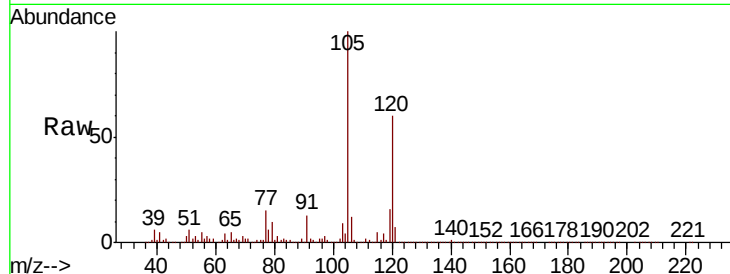
#80
1,3,5-Trimethylbenzene
Concen: 11001.182 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)RE

Tot Ion:105 Resp:16269826
Ion Ratio Lower Upper
105 100
120 74.1 25.3 75.9

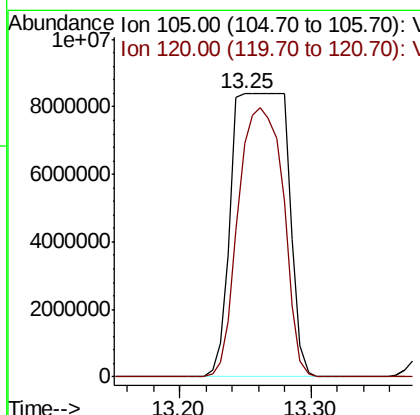
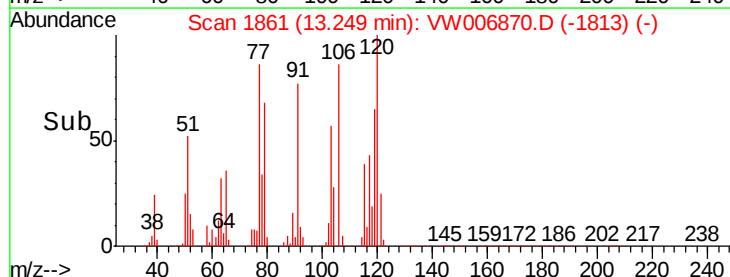
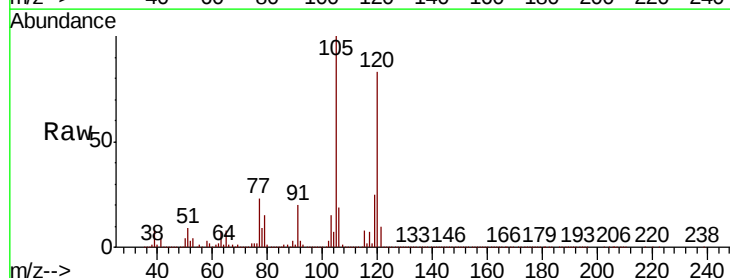
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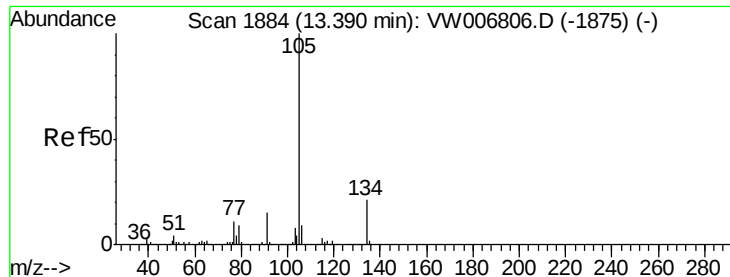
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#84
1,2,4-Trimethylbenzene
Concen: 16682.327 ug/l m
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Tgt Ion:105 Resp:25107773
Ion Ratio Lower Upper
105 100
120 15.5 23.4 70.0#





#85

sec-Butylbenzene

Concen: 720.362 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006870.D

Acq: 13 Nov 2018 21:59

Instrument :

MSVOA_W

ClientSampleId :

EP2-SB-110(17-19)RE

Tot Ion:105 Resp: 1334439

Ion Ratio Lower Upper

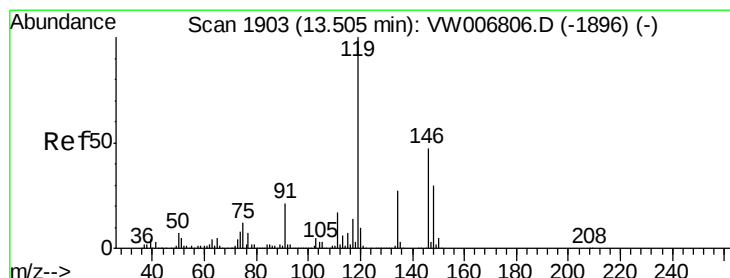
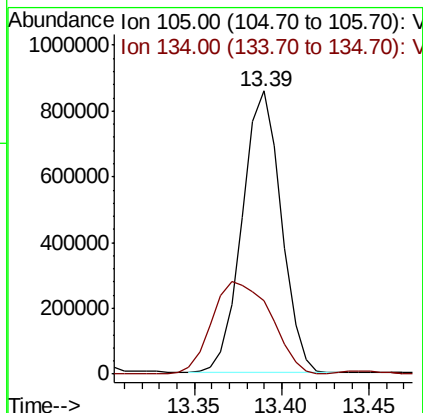
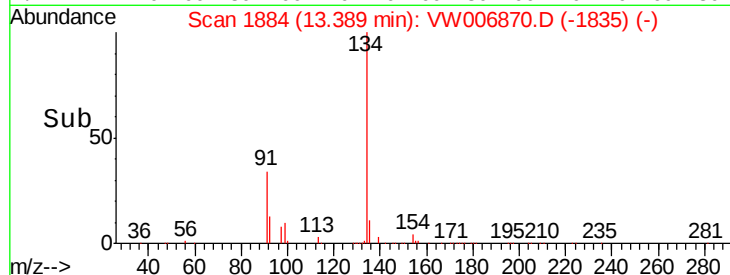
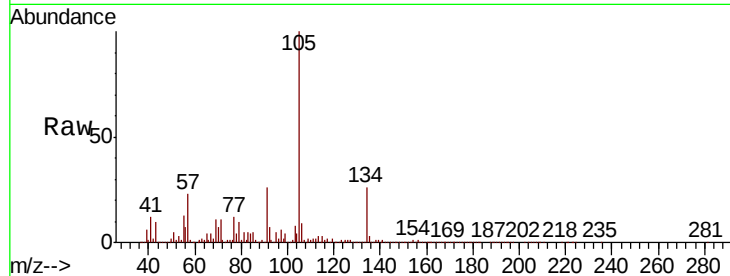
105 100

134 49.6 10.7 31.9#

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#86

p-Isopropyltoluene

Concen: 317.887 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006870.D

Acq: 13 Nov 2018 21:59

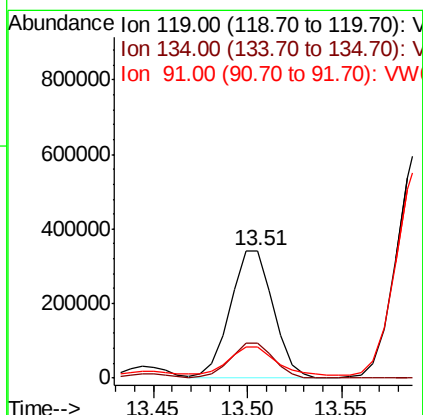
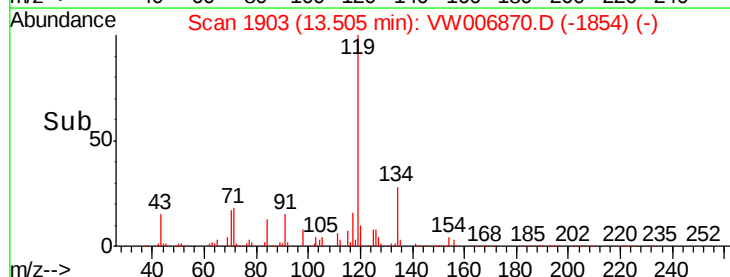
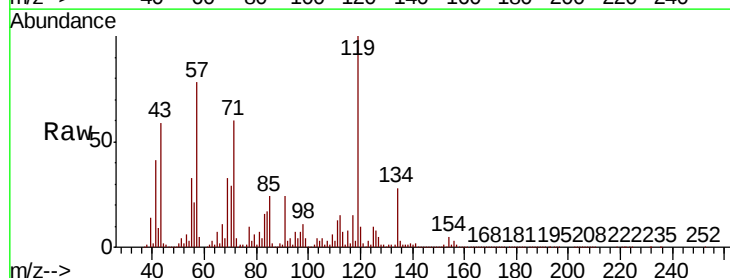
Tgt Ion:119 Resp: 535634

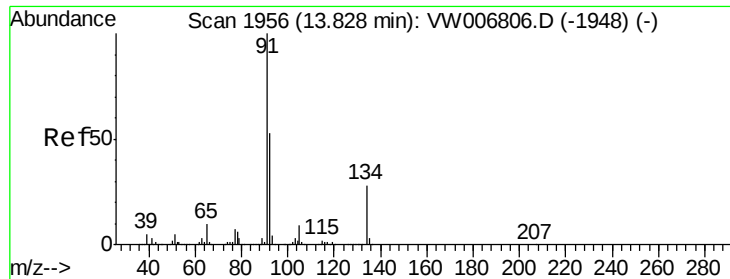
Ion Ratio Lower Upper

119 100

134 27.6 13.5 40.4

91 0.0 10.8 32.4#





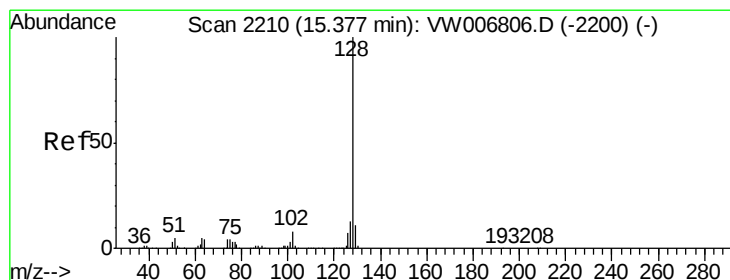
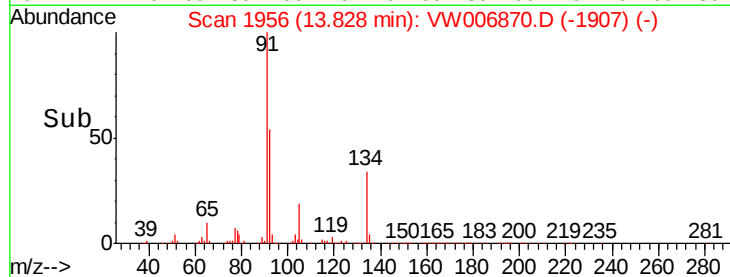
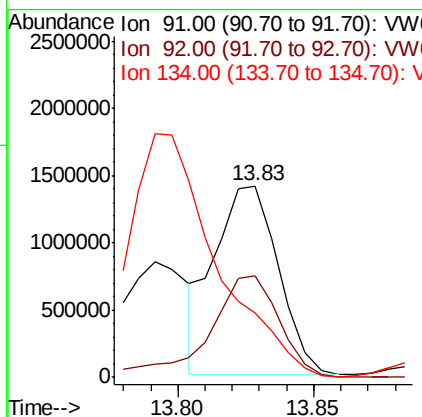
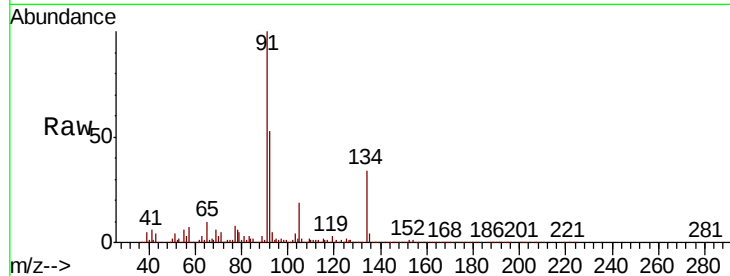
#89
n-Butylbenzene
Concen: 1482.970 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Instrument :
MSVOA_W
ClientSampleId :
EP2-SB-110(17-19)RE

Tot Ion: 91 Resp: 2283603
Ion Ratio Lower Upper
91 100
92 58.6 26.5 79.4
134 0.0 14.4 43.2#

Manual Integrations
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#95
Naphthalene
Concen: 13297.809 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW006870.D
Acq: 13 Nov 2018 21:59

Tgt Ion: 128 Resp: 11559227
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.7 8.6 13.0

