

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
 Data File : VW007750.D
 Acq On : 20 Dec 2018 16:41
 Operator : SY/AP
 Sample : J6392-10
 Misc : 6.72G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB104-121218(18-20)

Manual Integrations
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 12/21/2018 11:02:44 AM

Quant Time: Dec 21 04:12:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	45508	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.87	114	86710	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.65	117	75906	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.58	152	23424	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	19349	38.79	ug/l	0.01
Spiked Amount	50.000		Recovery	=	77.58%	
35) Dibromofluoromethane	7.90	113	23229	43.91	ug/l	0.02
Spiked Amount	50.000		Recovery	=	87.82%	
50) Toluene-d8	10.39	98	258399	129.58	ug/l	0.07
Spiked Amount	50.000		Recovery	=	259.16%	
62) 4-Bromofluorobenzene	12.63	95	117504m	152.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	7.98	56	2209390	2975.589	ug/l #	73
39) Methylcyclohexane	9.37	83	5410713	5202.874	ug/l #	84
40) Benzene	8.35	78	3543422	1586.649	ug/l	99
52) Toluene	10.40	92	53006383m	35375.899	ug/l	
67) Ethyl Benzene	11.73	91	49929900m	17710.285	ug/l	
68) m/p-Xylenes	11.91	106	55372960m	50632.162	ug/l	
69) o-Xylene	12.24	106	29999560	29263.870	ug/l #	1
73) Isopropylbenzene	12.48	105	19474170	10998.669	ug/l	93
78) n-propylbenzene	12.82	91	27638021m	13409.457	ug/l	
80) 1,3,5-Trimethylbenzene	12.88	105	66989660m	43862.525	ug/l	
84) 1,2,4-Trimethylbenzene	13.26	105	35860847m	23269.725	ug/l	
85) sec-Butylbenzene	13.40	105	1888688	1022.659	ug/l #	49
86) p-Isopropyltoluene	13.52	119	17908982	10664.183	ug/l	93
89) n-Butylbenzene	13.83	91	2255491	1464.830	ug/l #	82
95) Naphthalene	15.37	128	1285649	1388.777	ug/l	100

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

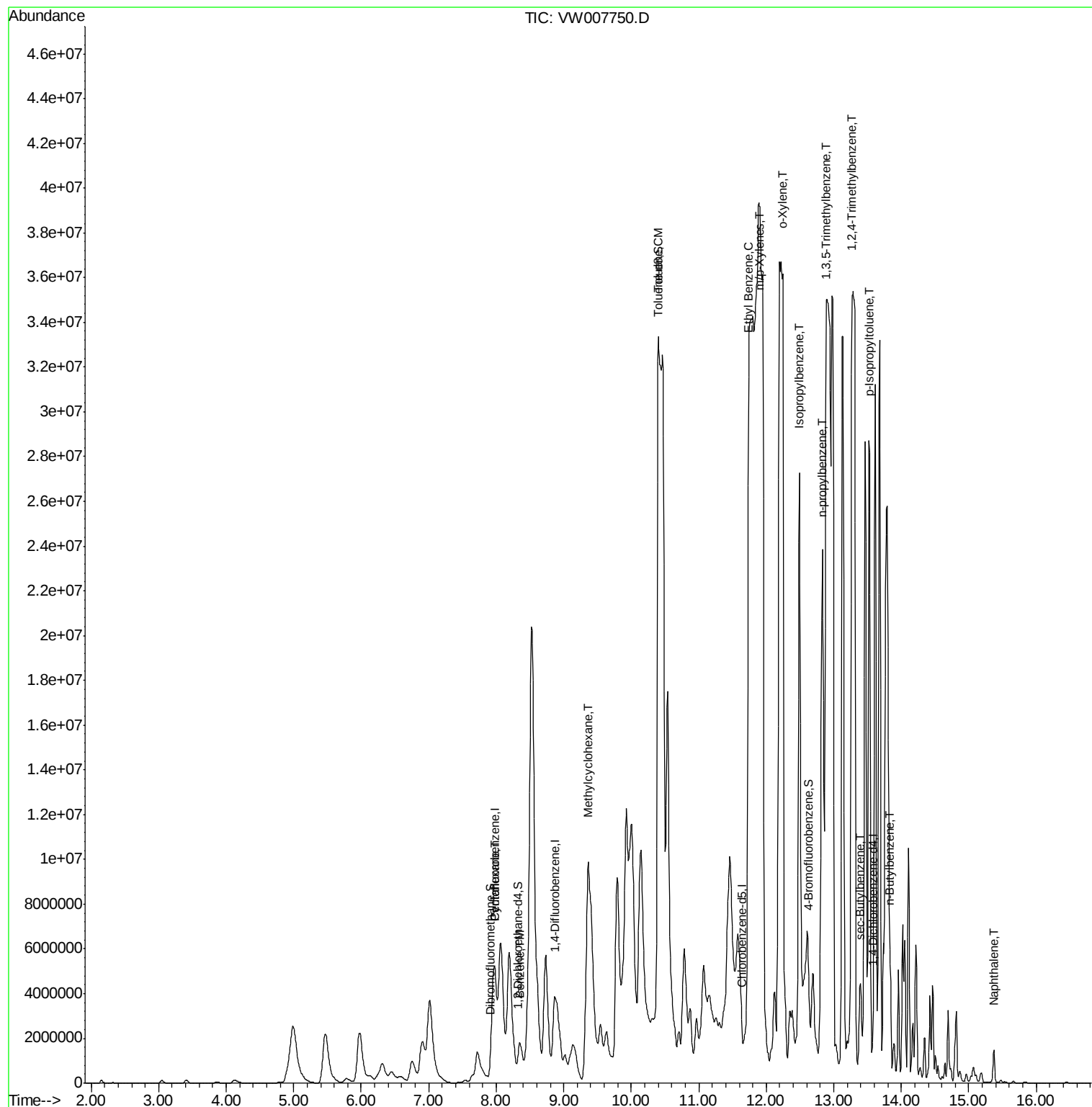
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007750.D
Acq On : 20 Dec 2018 16:41
Operator : SY/AP
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ALS Vial : 6 Sample Multiplier: 1

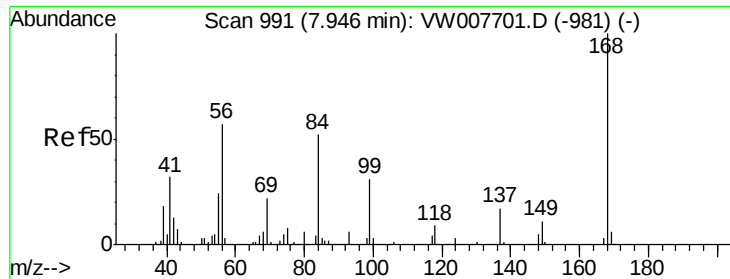
Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(18-20)

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Quant Time: Dec 21 04:12:09 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

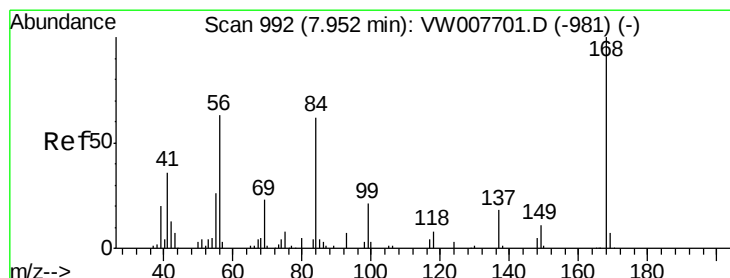
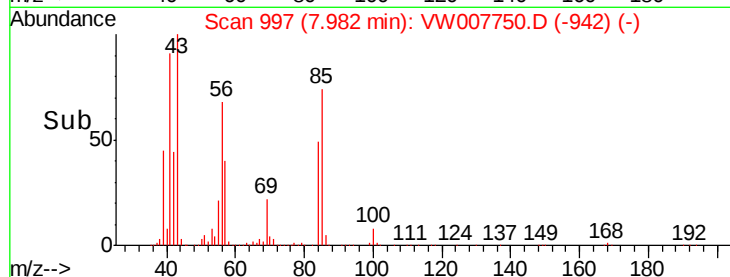
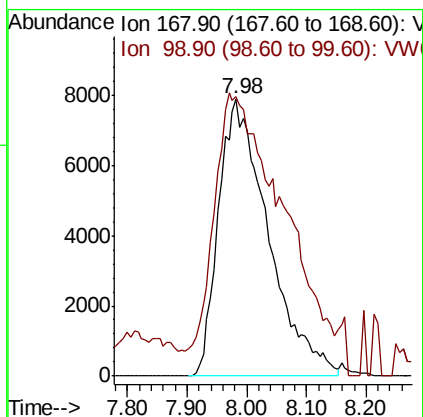
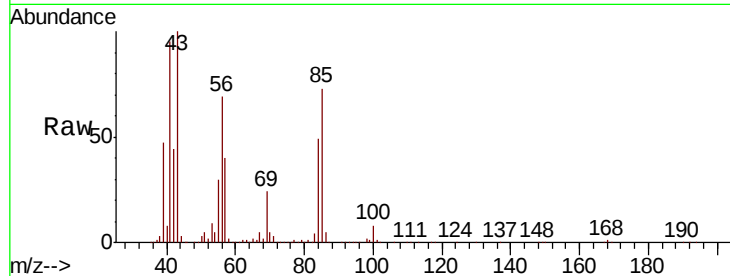
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.98 min Scan# 997
 Delta R.T. 0.04 min
 Lab File: VW007750.D
 Acq: 20 Dec 2018 16:41

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB104-121218(18-20)

Tgt Ion	Ratio	Lower	Upper
168	100		
99	90.7	54.0	81.0#

Manual Integrations
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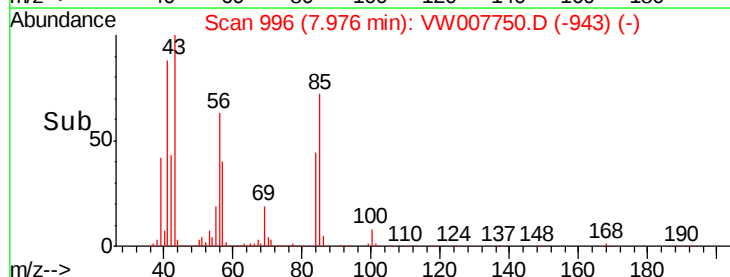
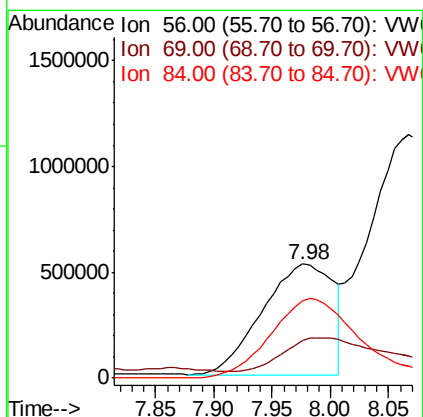
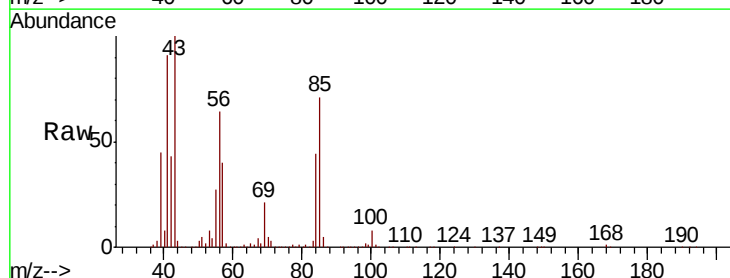
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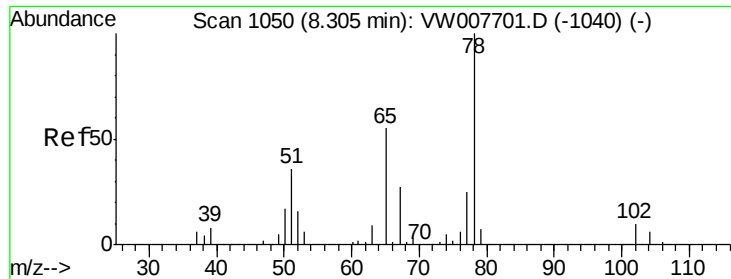


#31

Cyclohexane
 Concen: 2975.589 ug/l
 RT: 7.98 min Scan# 996
 Delta R.T. 0.02 min
 Lab File: VW007750.D
 Acq: 20 Dec 2018 16:41

Tgt Ion	Ratio	Lower	Upper
56	100		
69	25.0	29.7	44.5#
84	69.4	78.9	118.3#





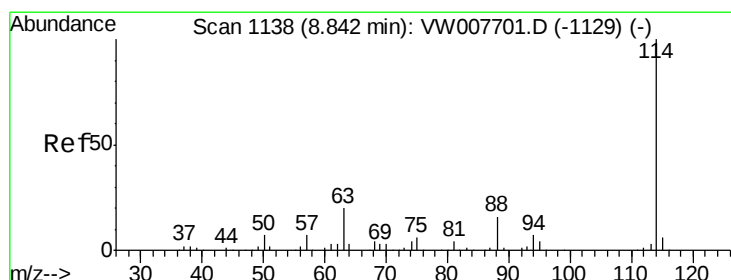
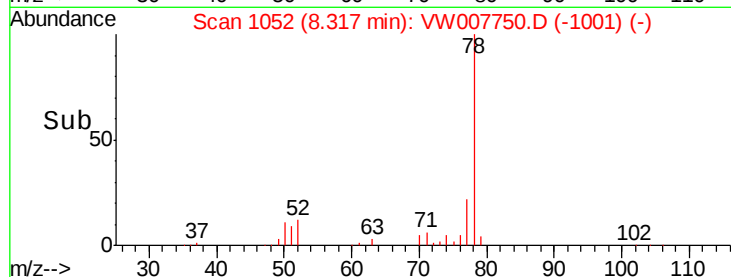
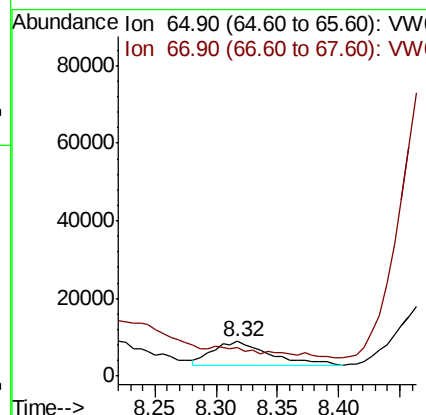
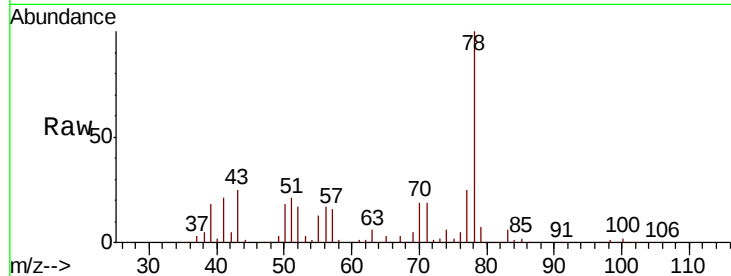
#33
 1,2-Dichloroethane-d4
 Concen: 38.792 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW007750.D
 Acq: 20 Dec 2018 16:41

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB104-121218(18-20)

Tgt Ion: 65 Resp: 19349
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 100.6

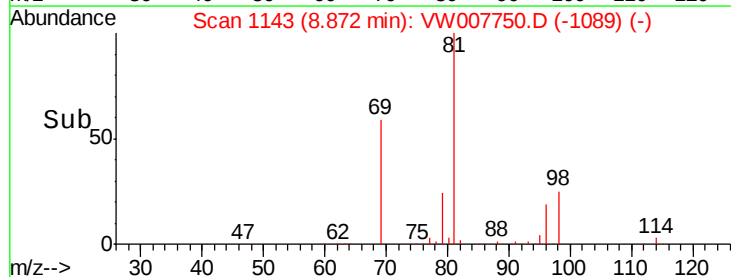
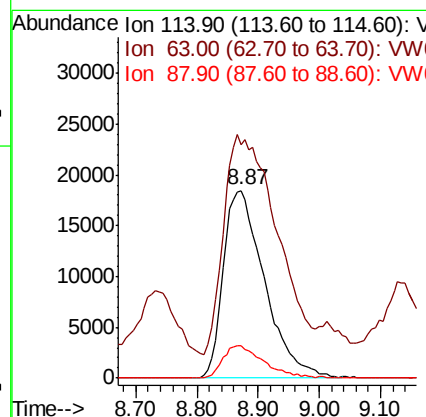
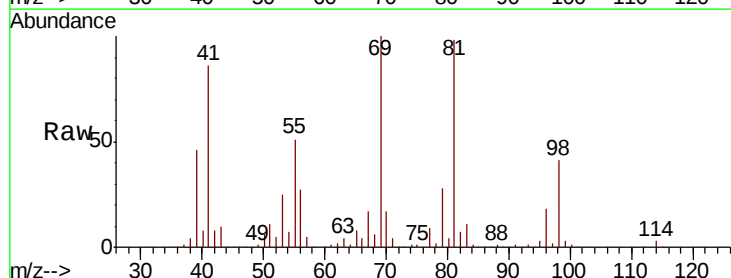
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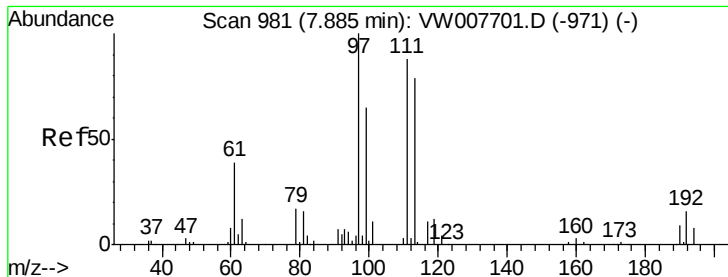
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1143
 Delta R.T. 0.03 min
 Lab File: VW007750.D
 Acq: 20 Dec 2018 16:41

Tgt Ion: 114 Resp: 86710
 Ion Ratio Lower Upper
 114 100
 63 108.0 0.0 40.0#
 88 17.4 0.0 32.6





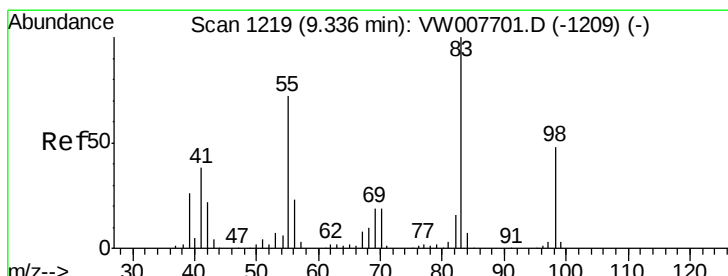
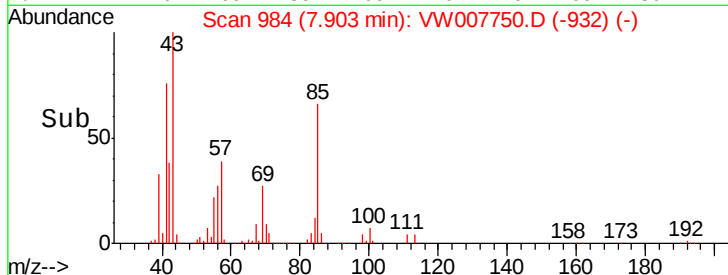
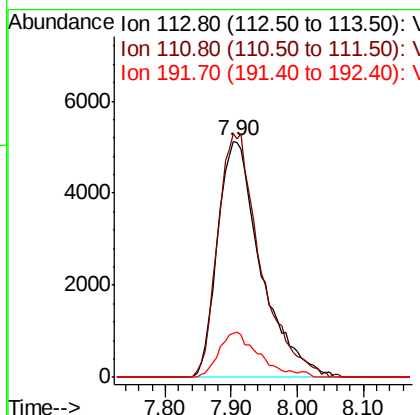
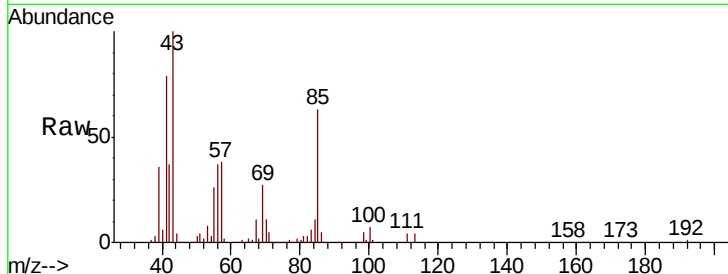
#35
Dibromofluoromethane
Concen: 43.913 ug/l
RT: 7.90 min Scan# 984
Delta R.T. 0.02 min
Lab File: VW007750.D
Acq: 20 Dec 2018 16:41

Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(18-20)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	124.0
192	17.6	15.5	23.3

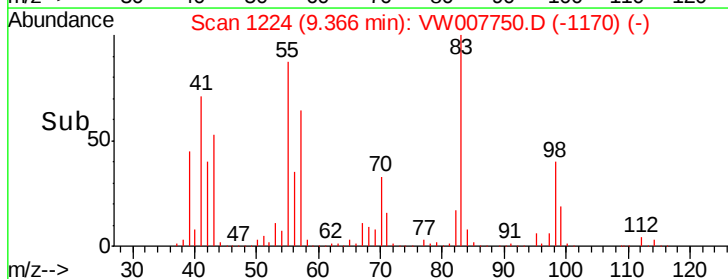
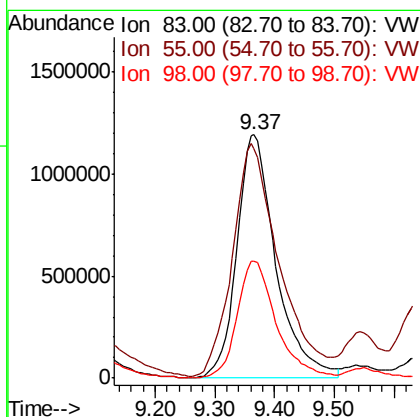
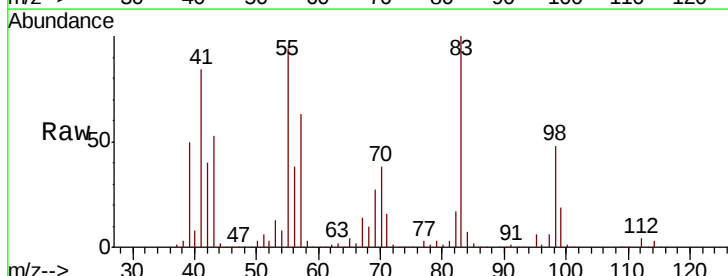
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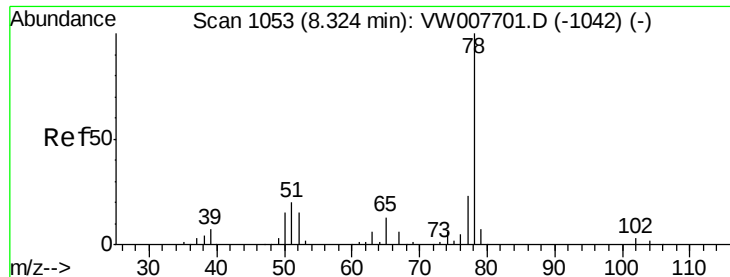
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#39
Methylcyclohexane
Concen: 5202.874 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. 0.03 min
Lab File: VW007750.D
Acq: 20 Dec 2018 16:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	93.7	57.2	85.8#
98	48.2	38.6	58.0





#40

Benzene

Concen: 1586.649 ug/l

RT: 8.35 min Scan# 1057

Delta R.T. 0.02 min

Lab File: VW007750.D

Acq: 20 Dec 2018 16:41

Instrument :

MSVOA_W

ClientSampleId :

KY001SB104-121218(18-20)

Tgt Ion: 78 Resp: 3543422

Ion Ratio Lower Upper

78 100

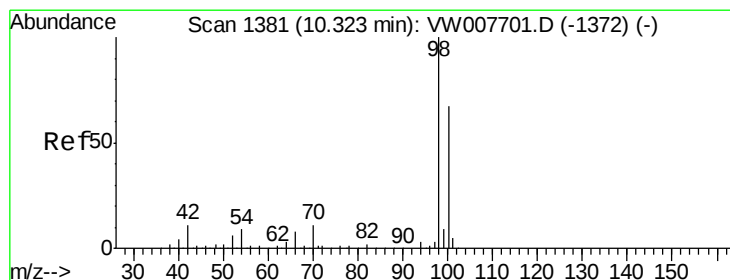
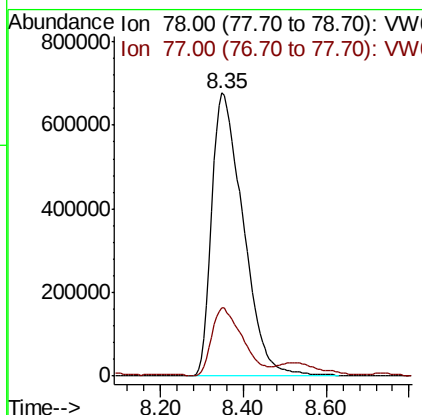
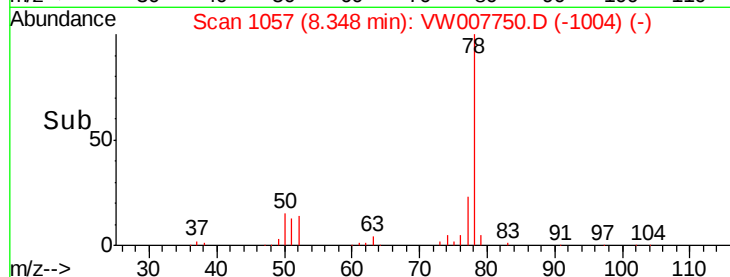
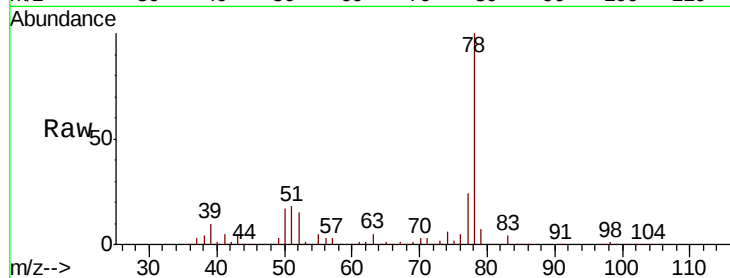
77 23.8 18.7 28.1

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#50

Toluene-d8

Concen: 129.578 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.07 min

Lab File: VW007750.D

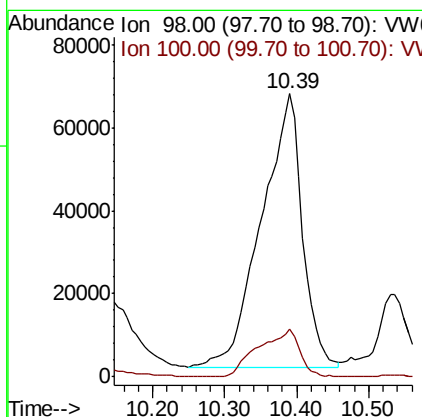
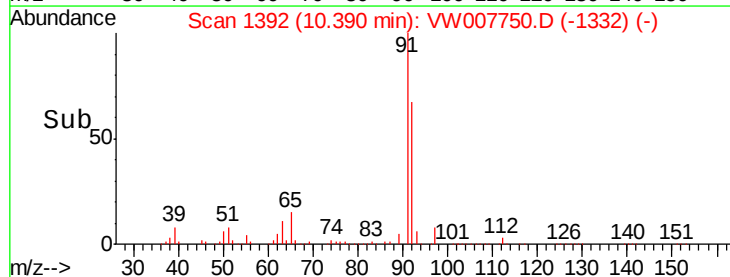
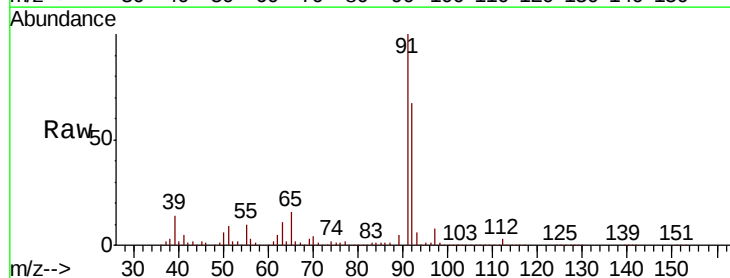
Acq: 20 Dec 2018 16:41

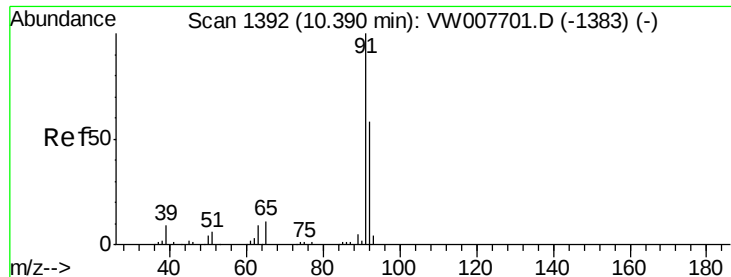
Tgt Ion: 98 Resp: 258399

Ion Ratio Lower Upper

98 100

100 17.9 52.2 78.2#





#52

Toluene

Concen: 35375.899 ug/l m

RT: 10.40 min Scan# 1394

Delta R.T. 0.01 min

Lab File: VW007750.D

Acq: 20 Dec 2018 16:41

Instrument :

MSVOA_W

ClientSampleId :

KY001SB104-121218(18-20)

Tgt Ion: 92 Resp: 53006383

Ion Ratio Lower Upper

92 100

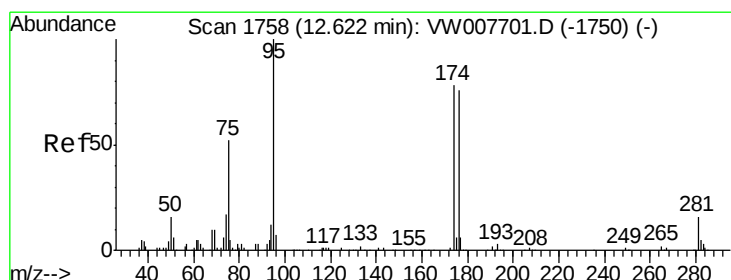
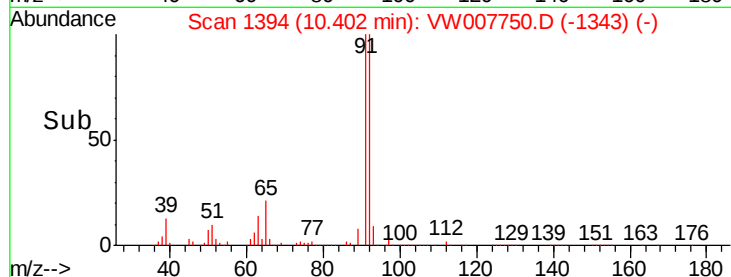
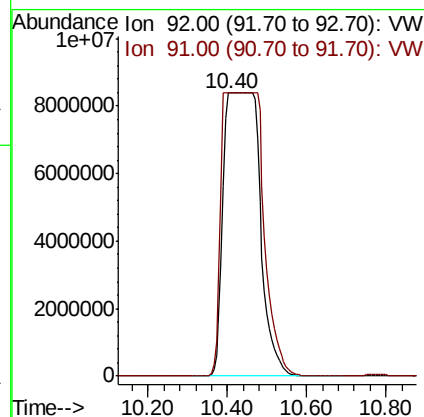
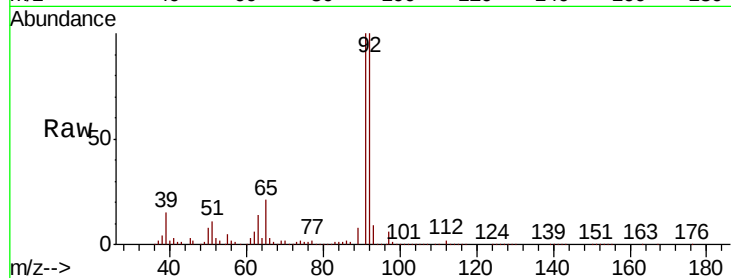
91 0.0 137.0 205.4#

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#62

4-Bromofluorobenzene

Concen: 152.526 ug/l m

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW007750.D

Acq: 20 Dec 2018 16:41

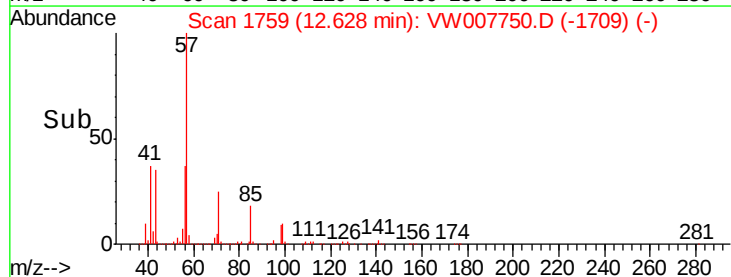
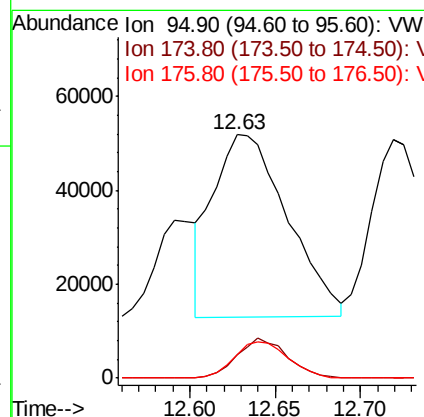
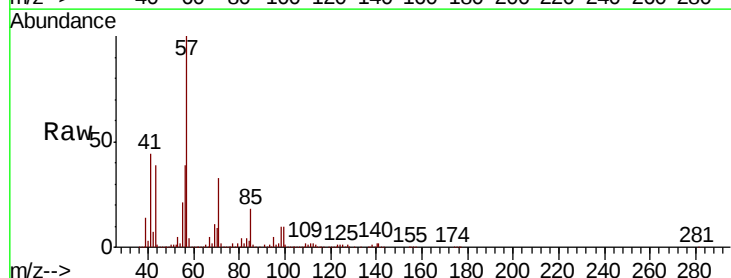
Tgt Ion: 95 Resp: 117504

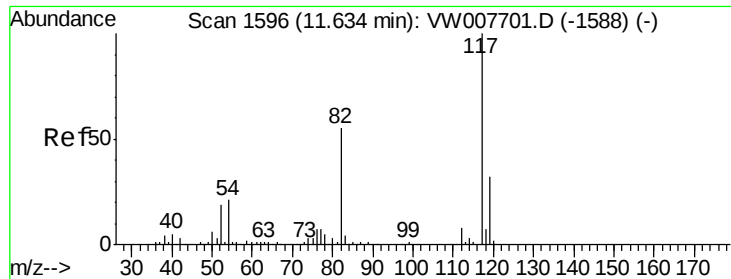
Ion Ratio Lower Upper

95 100

174 14.8 0.0 152.2

176 14.6 0.0 146.8





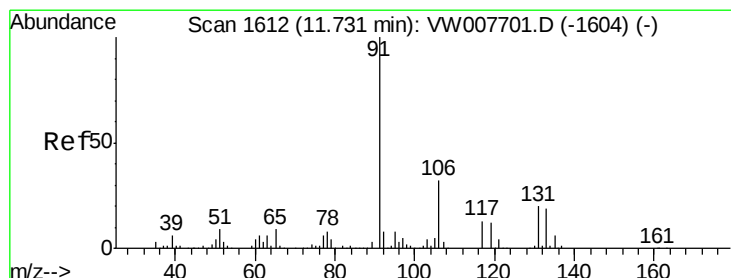
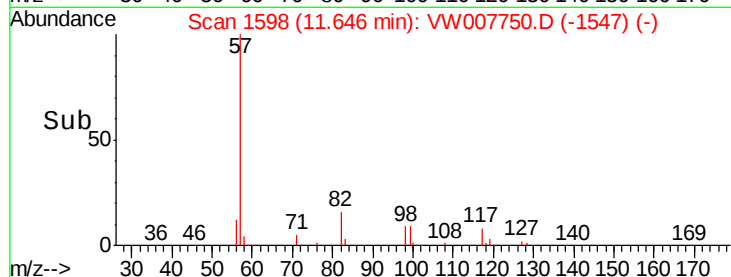
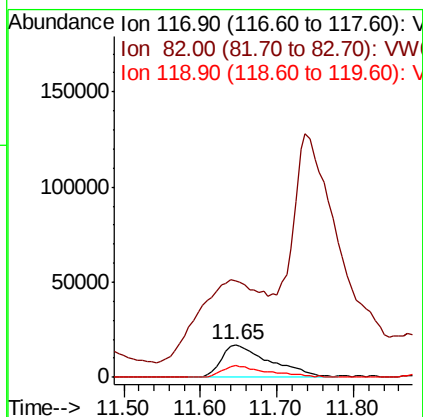
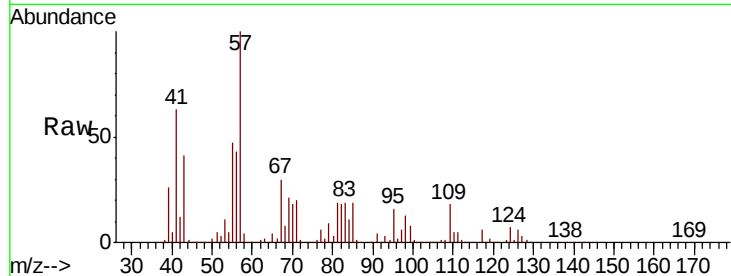
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1598
Delta R.T. 0.01 min
Lab File: VW007750.D
Acq: 20 Dec 2018 16:41

Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(18-20)

Tgt Ion:117 Resp: 75906
Ion Ratio Lower Upper
117 100
82 140.2 44.3 66.5#
119 34.1 25.7 38.5

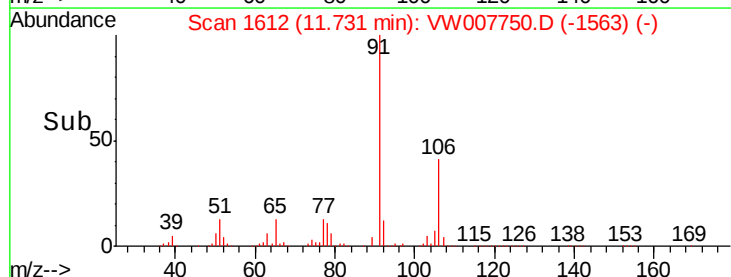
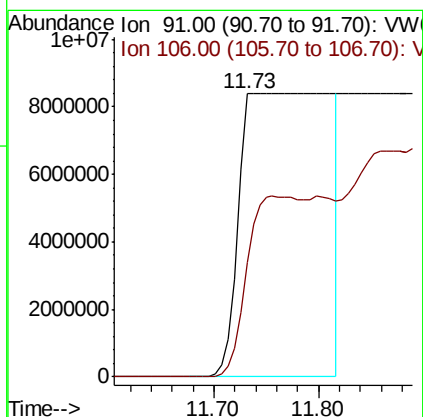
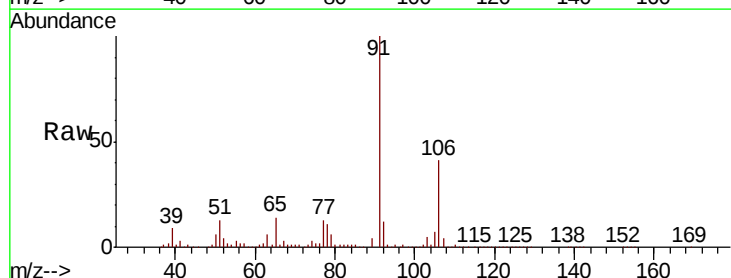
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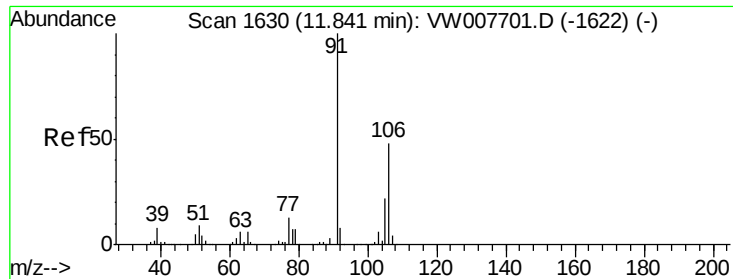
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#67
Ethyl Benzene
Concen: 17710.285 ug/l m
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007750.D
Acq: 20 Dec 2018 16:41

Tgt Ion: 91 Resp:49929900
Ion Ratio Lower Upper
91 100
106 40.6 25.8 38.8#





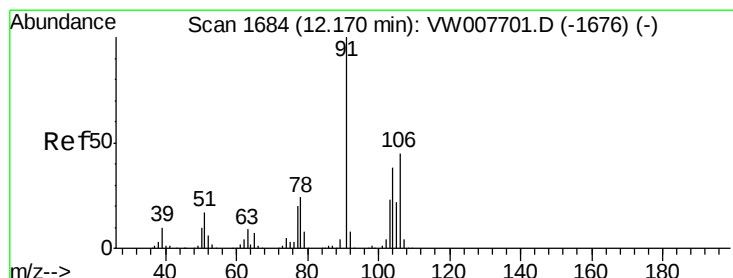
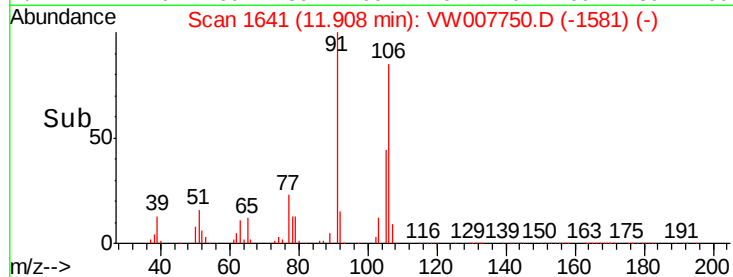
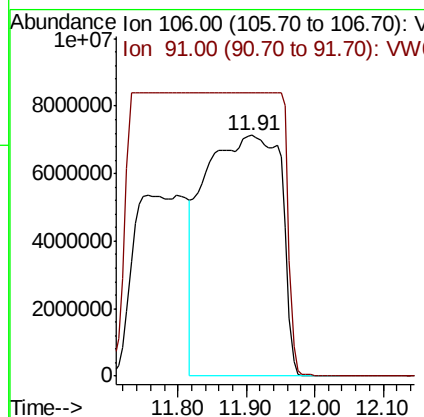
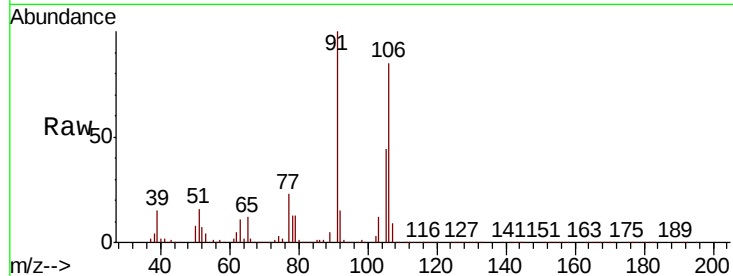
#68
m/p-Xylenes
Concen: 50632.162 ug/l m
RT: 11.91 min Scan# 1641
Delta R.T. 0.07 min
Lab File: VW007750.D
Acq: 20 Dec 2018 16:41

Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(18-20)

Tgt Ion:106 Resp:55372960
Ion Ratio Lower Upper
106 100
91 0.0 165.2 247.8#

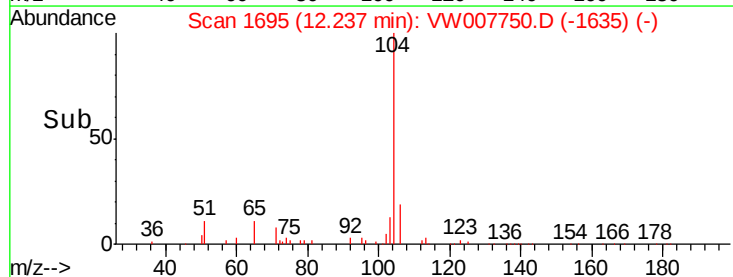
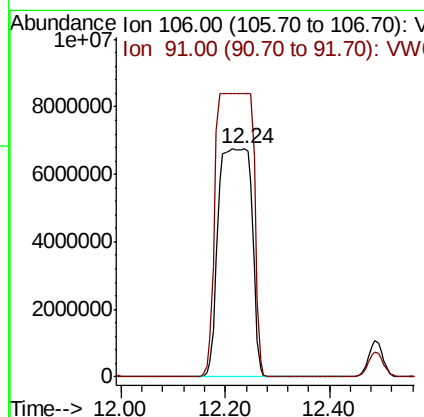
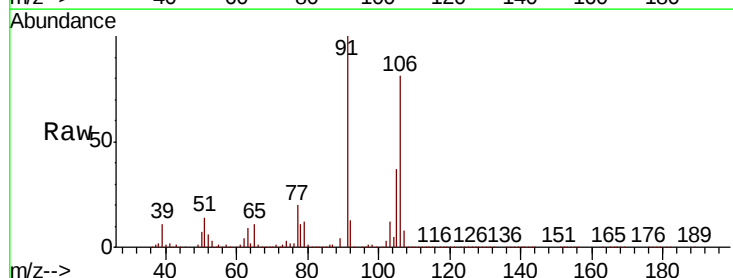
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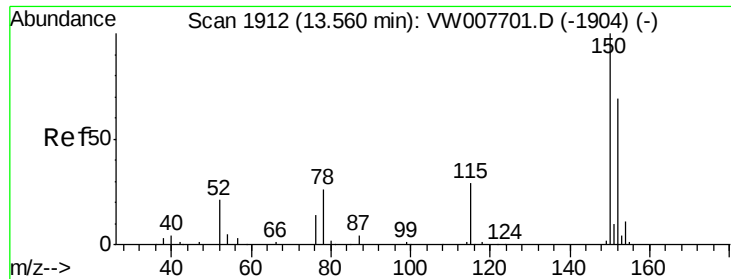
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#69
o-Xylene
Concen: 29263.870 ug/l
RT: 12.24 min Scan# 1695
Delta R.T. 0.07 min
Lab File: VW007750.D
Acq: 20 Dec 2018 16:41

Tgt Ion:106 Resp:29999560
Ion Ratio Lower Upper
106 100
91 0.0 110.5 331.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.02 min

Lab File: VW007750.D

Acq: 20 Dec 2018 16:41

Instrument :

MSVOA_W

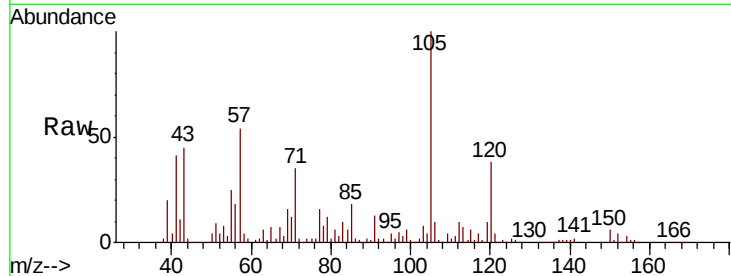
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.8	95.4#
150	113.0	0.0	350.8

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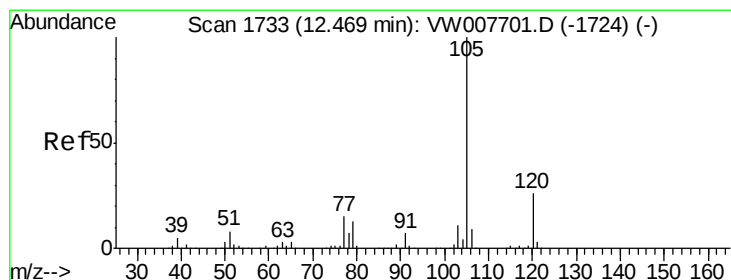
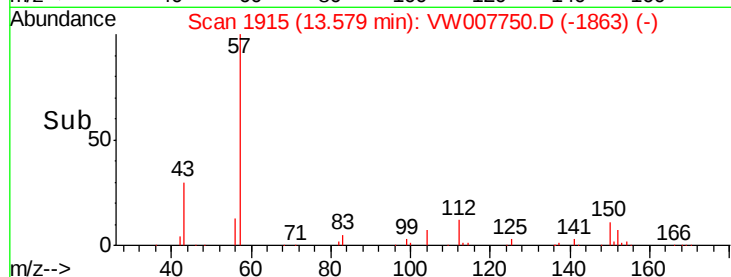
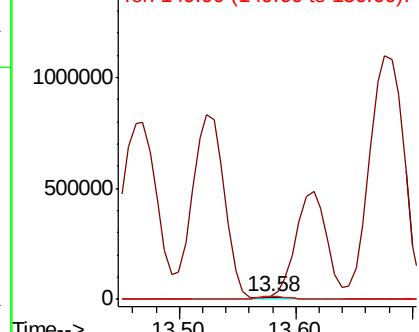


Abundance

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: 10998.669 ug/l

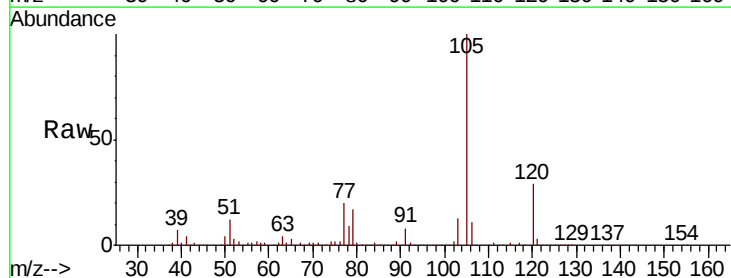
RT: 12.48 min Scan# 1735

Delta R.T. 0.01 min

Lab File: VW007750.D

Acq: 20 Dec 2018 16:41

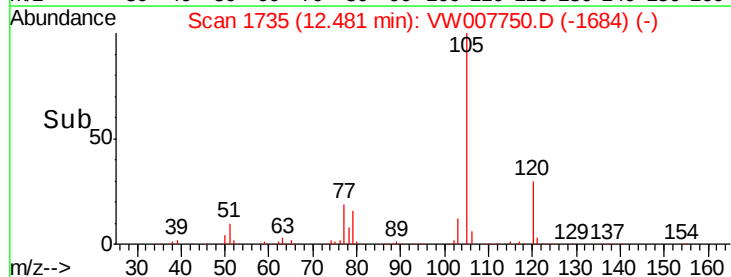
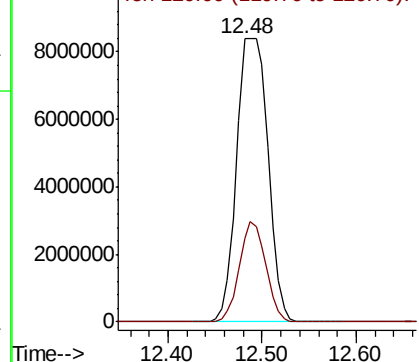
Tgt Ion	Ratio	Lower	Upper
105	100		
120	29.7	13.1	39.3

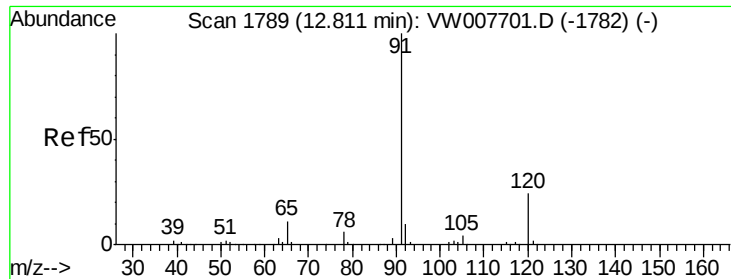


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 13409.457 ug/l m

RT: 12.82 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VW007750.D

Acq: 20 Dec 2018 16:41

Instrument :

MSVOA_W

ClientSampleId :

KY001SB104-121218(18-20)

Tgt Ion: 91 Resp:27638021

Ion Ratio Lower Upper

91 100

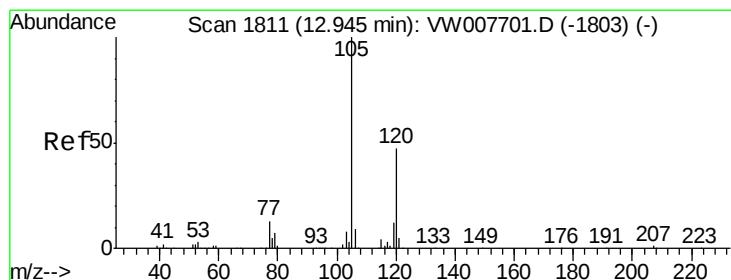
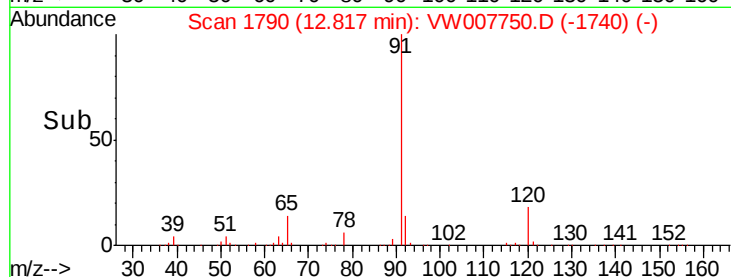
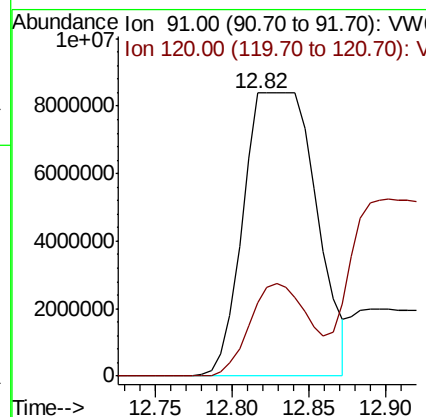
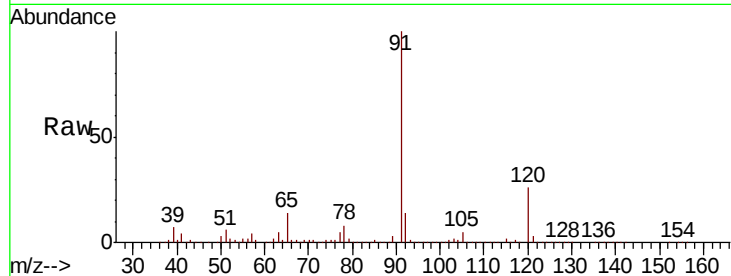
120 46.8 11.9 35.7#

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#80

1,3,5-Trimethylbenzene

Concen: 43862.525 ug/l m

RT: 12.88 min Scan# 1800

Delta R.T. -0.07 min

Lab File: VW007750.D

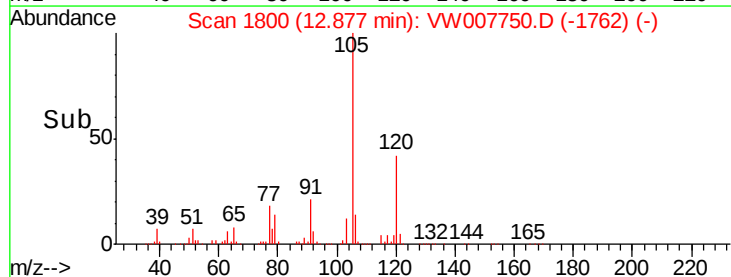
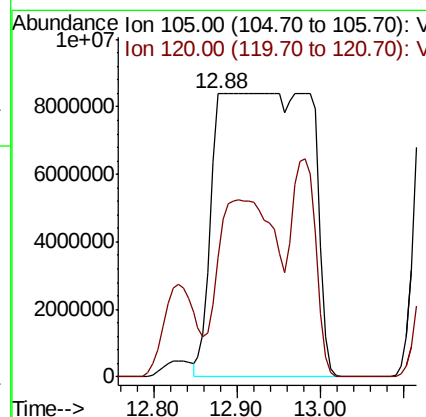
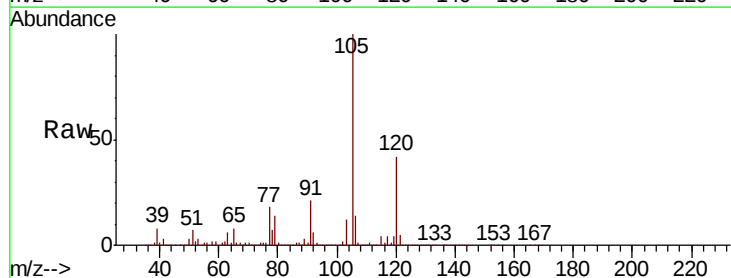
Acq: 20 Dec 2018 16:41

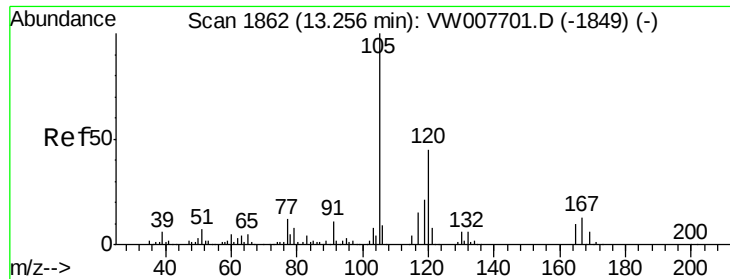
Tgt Ion:105 Resp:66989660

Ion Ratio Lower Upper

105 100

120 13.5 23.6 70.8#





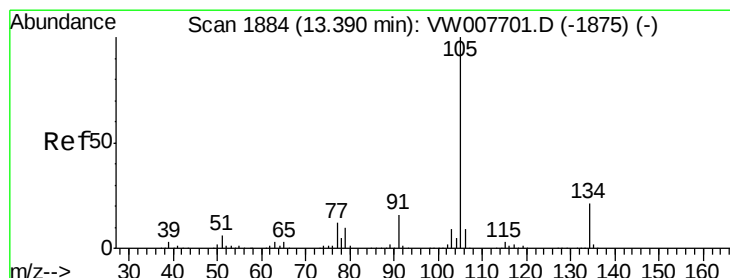
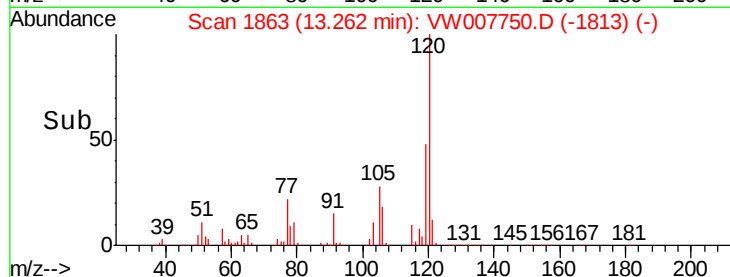
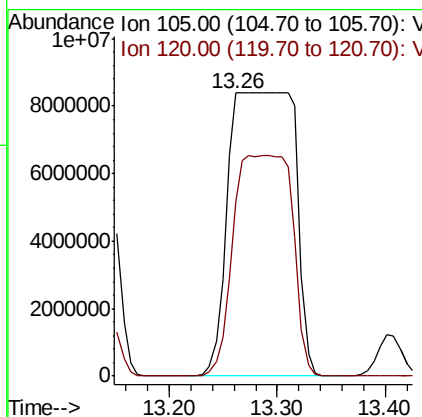
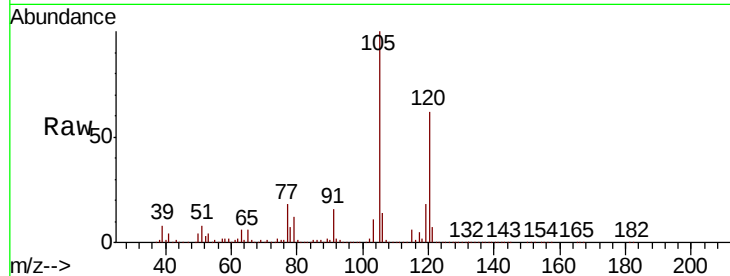
#84
 1,2,4-Trimethylbenzene
 Concen: 23269.725 ug/l m
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW007750.D
 Acq: 20 Dec 2018 16:41

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB104-121218(18-20)

Tgt Ion:105 Resp:35860847
 Ion Ratio Lower Upper
 105 100
 120 25.2 22.0 66.0

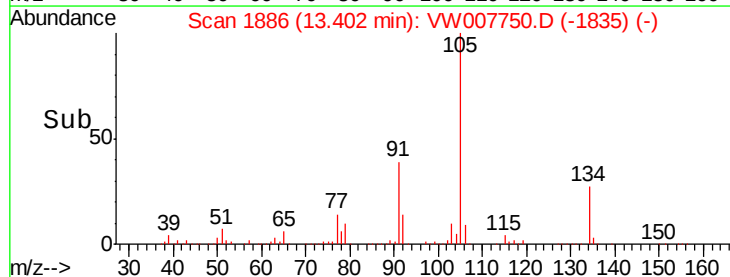
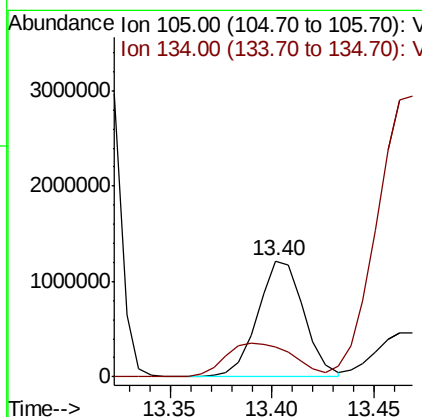
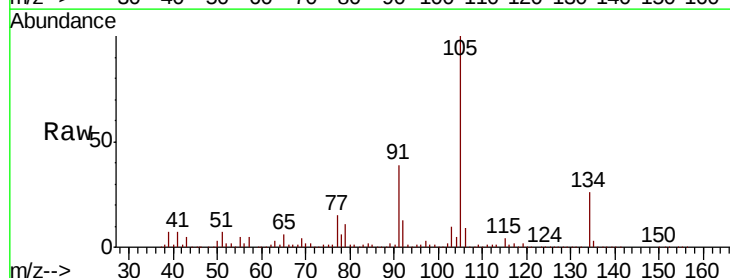
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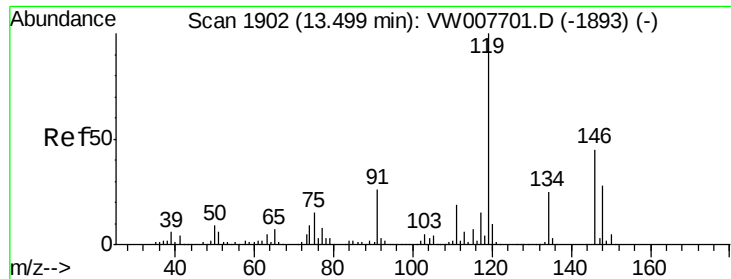
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#85
 sec-Butylbenzene
 Concen: 1022.659 ug/l
 RT: 13.40 min Scan# 1886
 Delta R.T. 0.01 min
 Lab File: VW007750.D
 Acq: 20 Dec 2018 16:41

Tgt Ion:105 Resp: 1888688
 Ion Ratio Lower Upper
 105 100
 134 44.0 10.2 30.4#





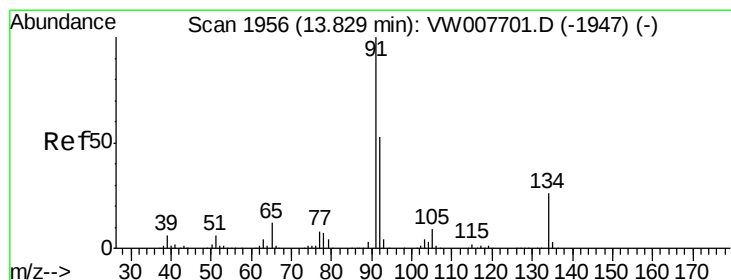
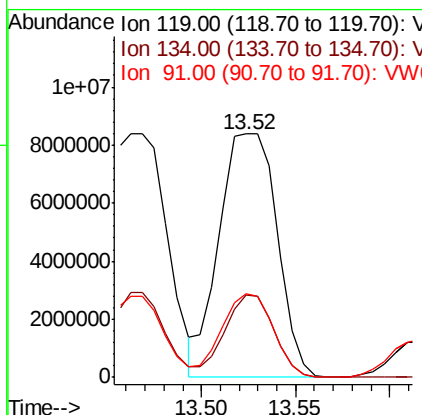
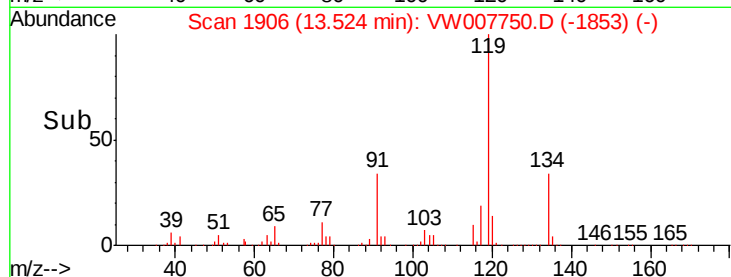
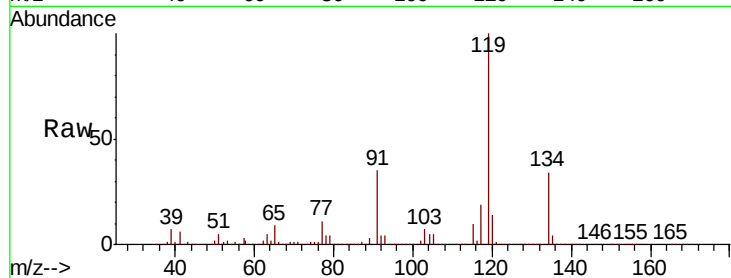
#86
p-Isopropyltoluene
Concen: 10664.183 ug/l
RT: 13.52 min Scan# 1906
Delta R.T. 0.02 min
Lab File: VW007750.D
Acq: 20 Dec 2018 16:41

Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(18-20)

Tgt Ion: 119 Resp: 17908982
Ion Ratio Lower Upper
119 100
134 28.4 13.0 39.0
91 30.5 12.8 38.4

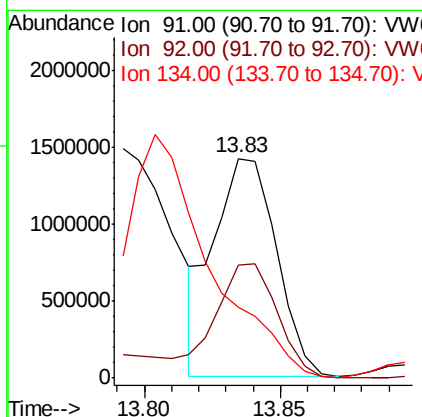
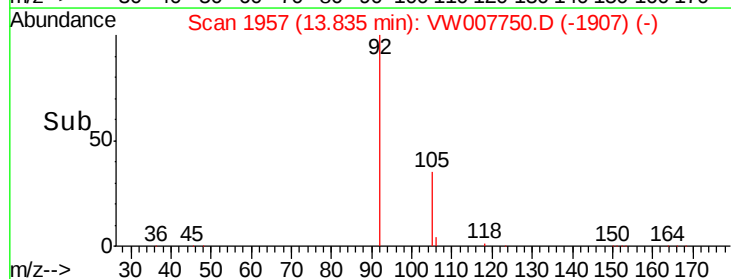
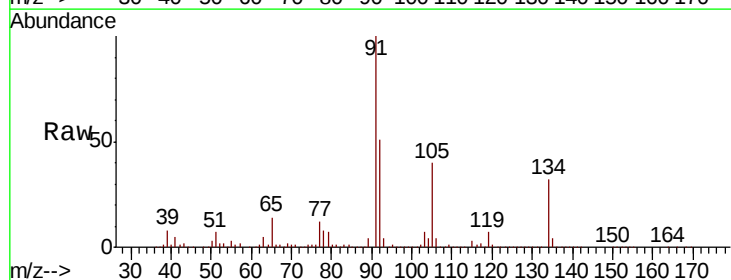
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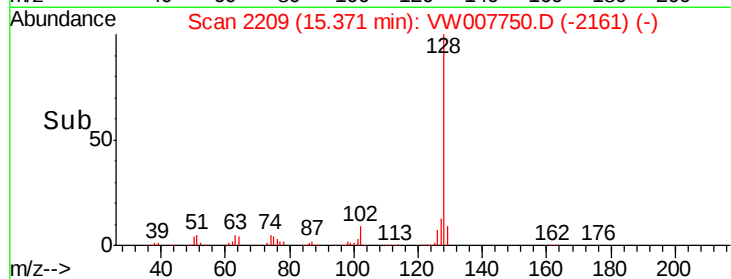
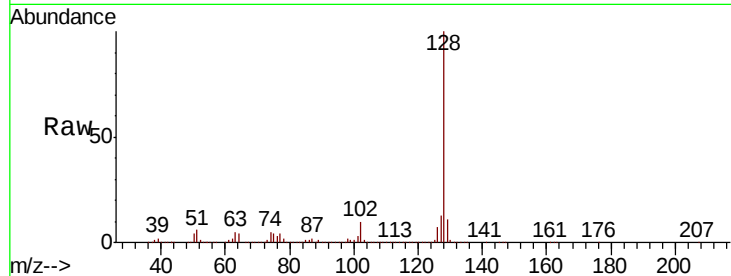
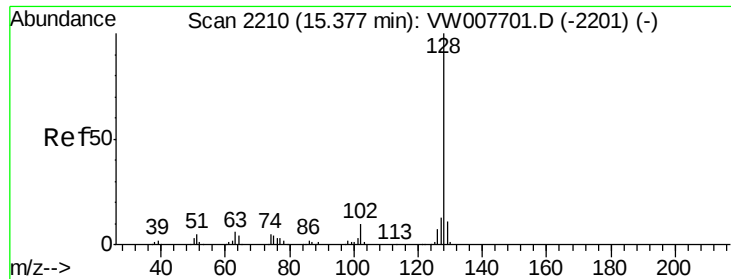
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#89
n-Butylbenzene
Concen: 1464.830 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW007750.D
Acq: 20 Dec 2018 16:41

Tgt Ion: 91 Resp: 2255491
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 0.0 13.7 41.0#





#95
Naphthalene
Concen: 1388.777 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007750.D
Acq: 20 Dec 2018 16:41

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.0	8.8	13.2

Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(18-20)

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