

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007751.D
 Acq On : 20 Dec 2018 17:07
 Operator : SY/AP
 Sample : J6392-11
 Misc : 6.81G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB104-121218(20-22)

Manual Integrations
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 12/21/2018 11:02:47 AM

Quant Time: Dec 21 04:21:45 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	8.06	168	39023m	50.00	ug/l	0.12
34) 1,4-Difluorobenzene	8.93	114	81799	50.00	ug/l	0.09
63) Chlorobenzene-d5	11.65	117	55778m	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.57	152	8641	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	67776m	158.46	ug/l	0.02
Spiked Amount 50.000			Recovery	=	316.92%	
35) Dibromofluoromethane	7.95	113	20621	41.32	ug/l	0.07
Spiked Amount 50.000			Recovery	=	82.64%	
50) Toluene-d8	10.40	98	497221	264.31	ug/l	0.07
Spiked Amount 50.000			Recovery	=	528.62%	
62) 4-Bromofluorobenzene	12.63	95	121618	167.34	ug/l	0.01
Spiked Amount 50.000			Recovery	=	334.68%	
Target Compounds						
					Qvalue	
31) Cyclohexane	8.12	56	21049624	33060.700	ug/l #	28
39) Methylcyclohexane	9.42	83	20825701	21228.027	ug/l #	76
40) Benzene	8.43	78	7051175	3346.884	ug/l	99
52) Toluene	10.45	92	88956486m	62932.954	ug/l	
67) Ethyl Benzene	11.73	91	92924570m	44854.766	ug/l	
68) m/p-Xylenes	11.93	106	33206874m	41320.911	ug/l	
69) o-Xylene	12.23	106	33019617	43833.089	ug/l #	1
73) Isopropylbenzene	12.49	105	20117387	30799.935	ug/l	90
78) n-propylbenzene	12.82	91	28681220m	37722.367	ug/l	
80) 1,3,5-Trimethylbenzene	12.88	105	64474851m	114438.791	ug/l	
84) 1,2,4-Trimethylbenzene	13.26	105	31058870m	54632.794	ug/l	
85) sec-Butylbenzene	13.40	105	1764450	2589.864	ug/l #	47
86) p-Isopropyltoluene	13.51	119	13274802	21428.008	ug/l	97
89) n-Butylbenzene	13.83	91	1960171	3450.938	ug/l #	78
95) Naphthalene	15.37	128	1169436	3424.392	ug/l	100

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

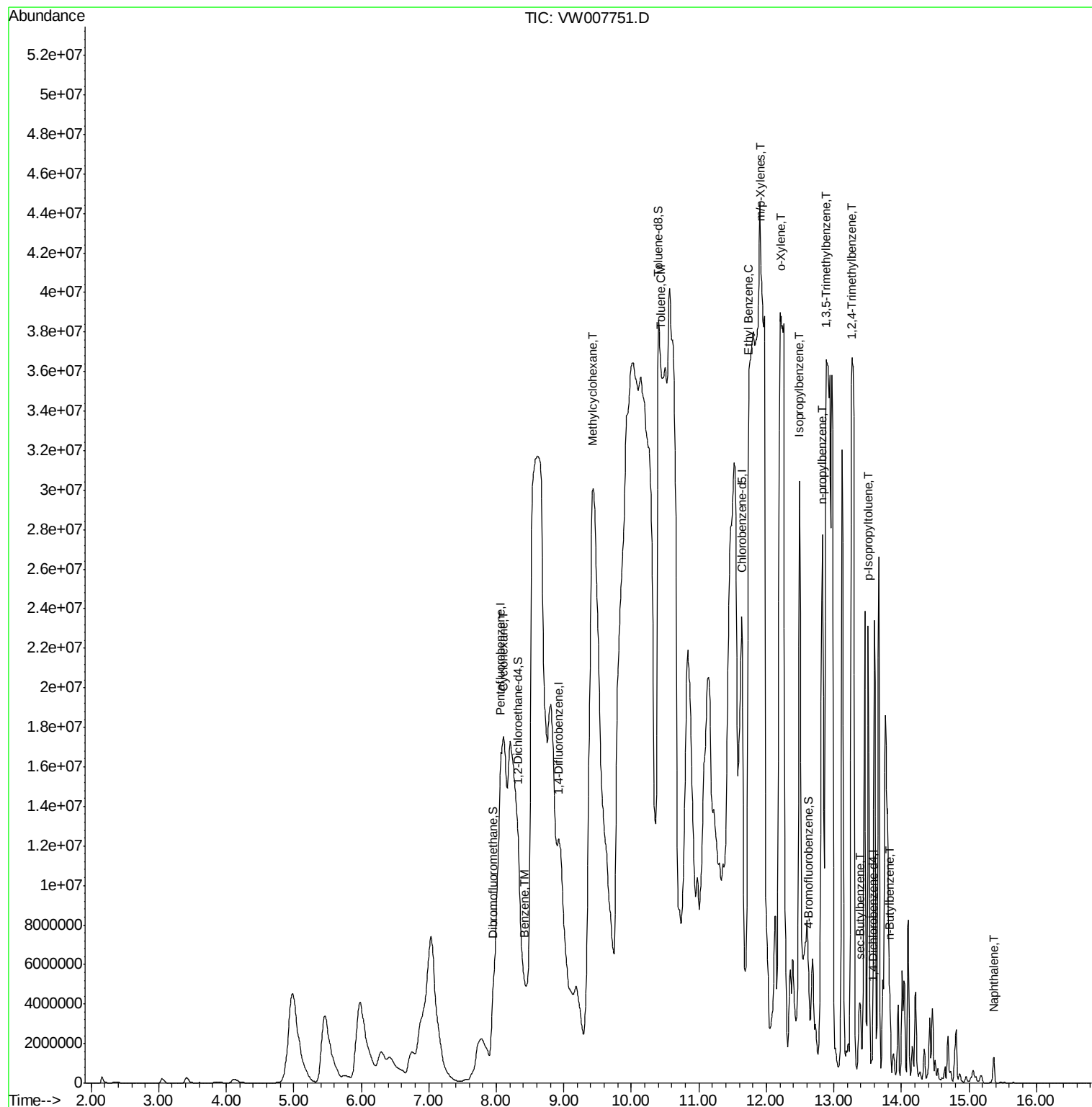
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007751.D
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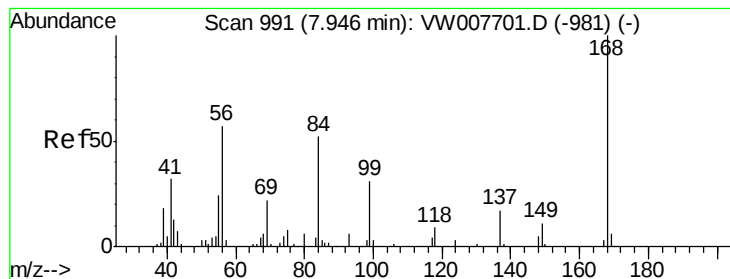
Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(20-22)

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Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 8.06 min Scan# 1010

Delta R.T. 0.12 min

Lab File: VW007751.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_W

ClientSampleId :

KY001SB104-121218(20-22)

Tgt Ion:168 Resp: 39023

Ion Ratio Lower Upper

168 100

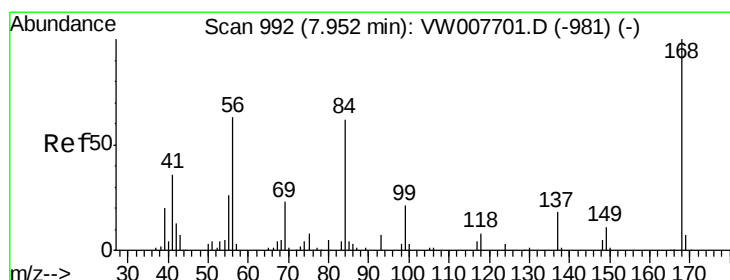
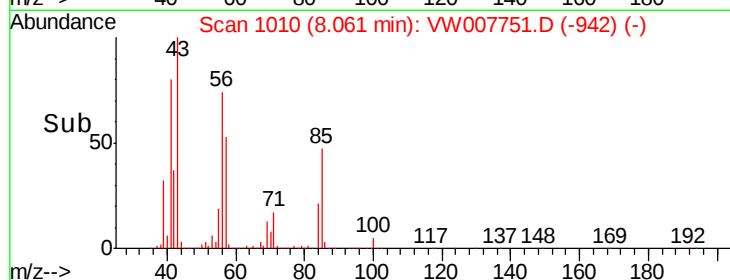
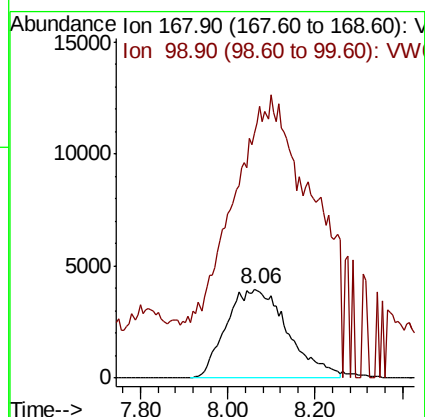
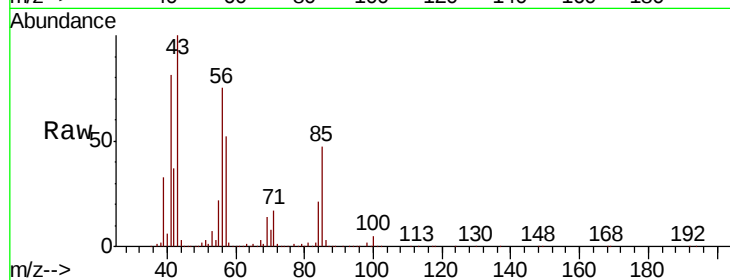
99 274.8 54.0 81.0#

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#31

Cyclohexane

Concen: 33060.700 ug/l

RT: 8.12 min Scan# 1019

Delta R.T. 0.16 min

Lab File: VW007751.D

Acq: 20 Dec 2018 17:07

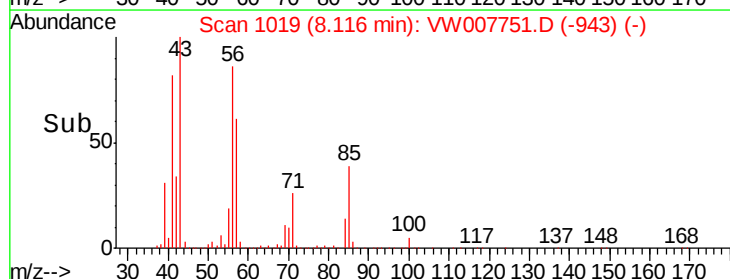
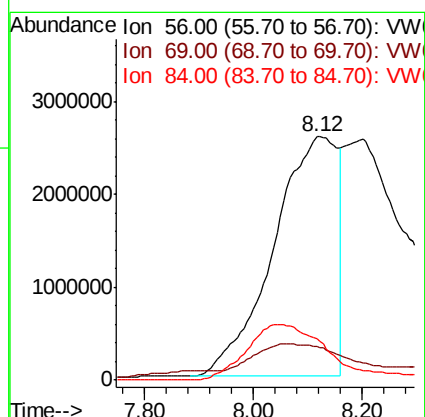
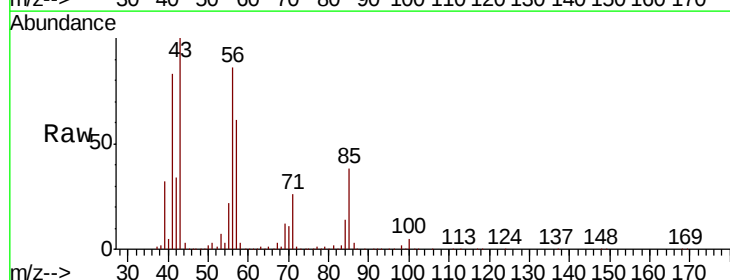
Tgt Ion: 56 Resp:21049624

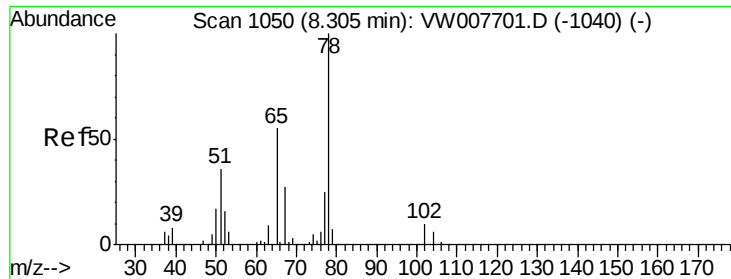
Ion Ratio Lower Upper

56 100

69 10.3 29.7 44.5#

84 16.9 78.9 118.3#





#33

1,2-Dichloroethane-d4

Concen: 158.463 ug/l m

RT: 8.32 min Scan# 1053

Delta R.T. 0.02 min

Lab File: VW007751.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_W

ClientSampleId :

KY001SB104-121218(20-22)

Tgt Ion: 65 Resp: 67776

Ion Ratio Lower Upper

65 100

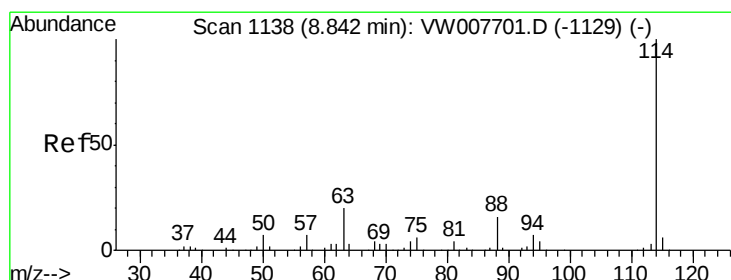
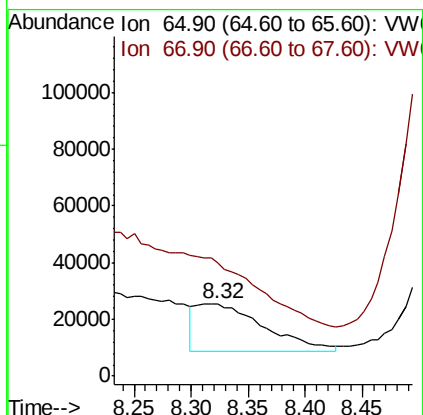
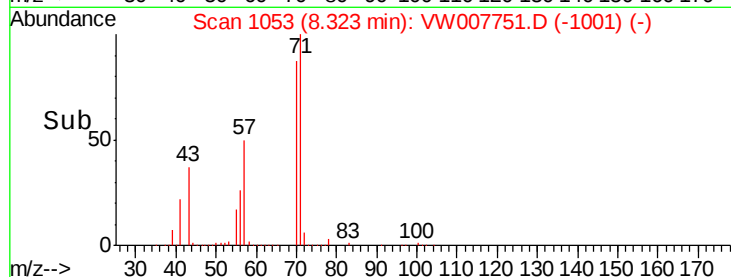
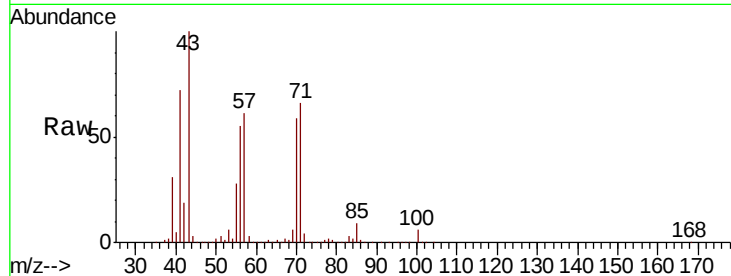
67 0.0 0.0 100.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.93 min Scan# 1153

Delta R.T. 0.09 min

Lab File: VW007751.D

Acq: 20 Dec 2018 17:07

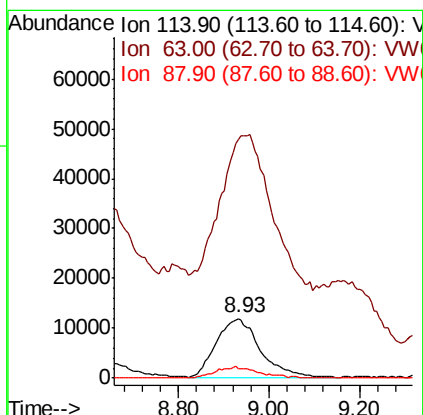
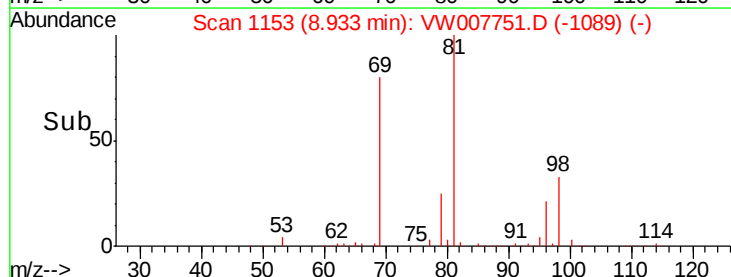
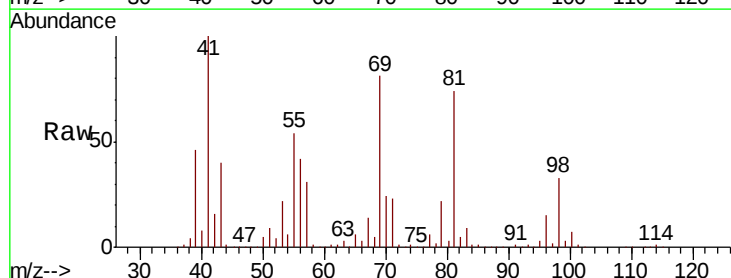
Tgt Ion: 114 Resp: 81799

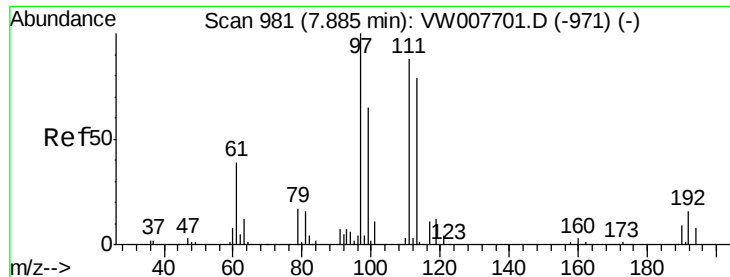
Ion Ratio Lower Upper

114 100

63 237.2 0.0 40.0#

88 16.0 0.0 32.6





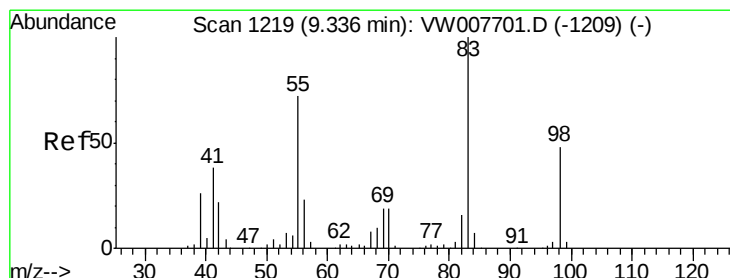
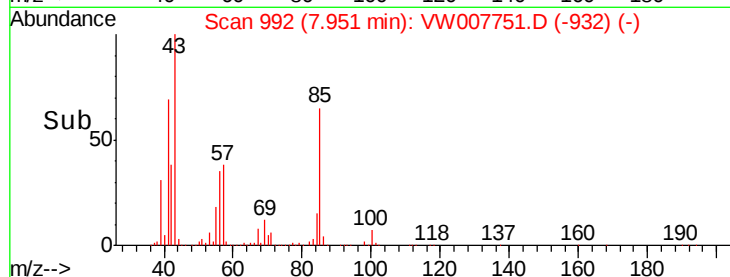
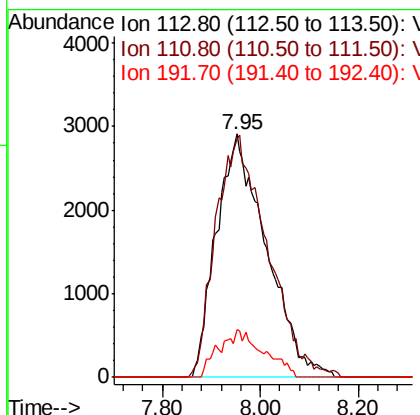
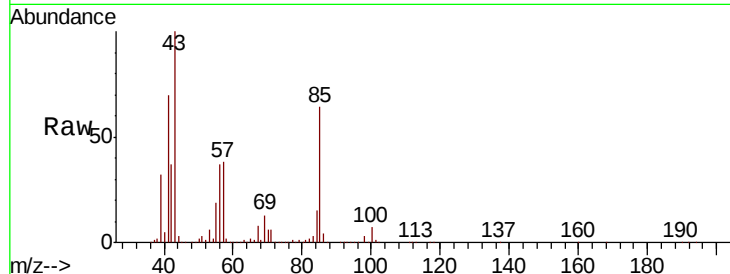
#35
 Dibromofluoromethane
 Concen: 41.323 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.07 min
 Lab File: VW007751.D
 Acq: 20 Dec 2018 17:07

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB104-121218(20-22)

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	20621		
111	99.9	82.6	124.0	
192	14.1	15.5	23.3#	

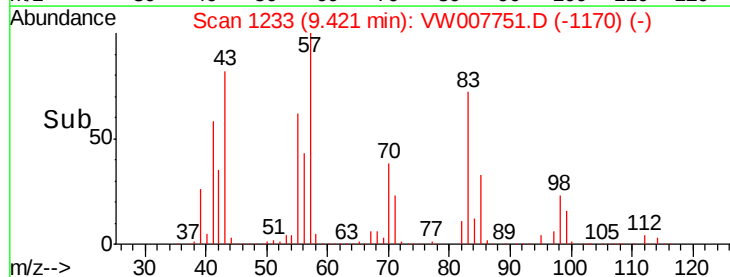
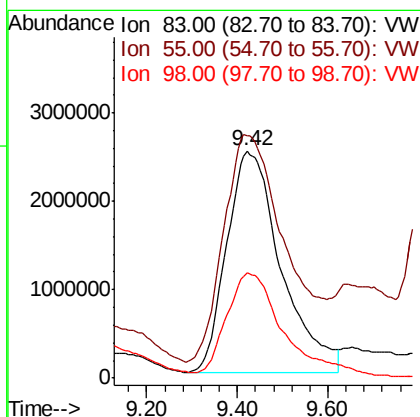
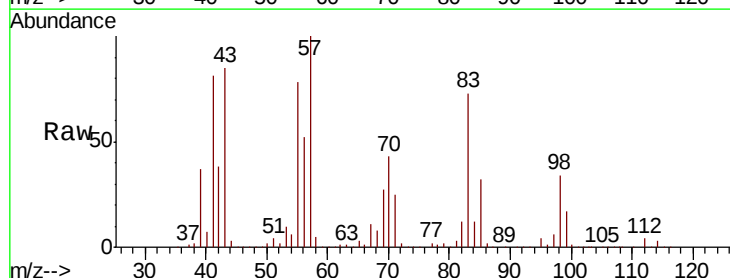
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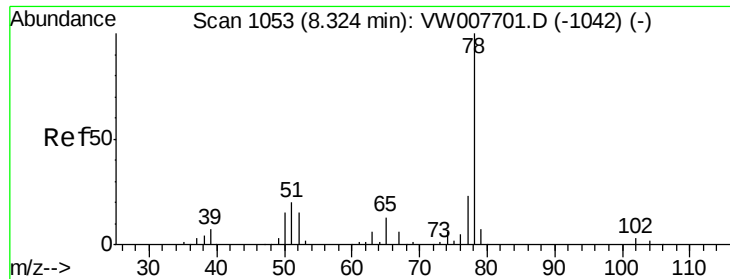
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#39
 Methylcyclohexane
 Concen: 21228.027 ug/l
 RT: 9.42 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VW007751.D
 Acq: 20 Dec 2018 17:07

Tgt Ion	Ratio	Lower	Upper
83	100		
55	102.0	57.2	85.8#
98	44.8	38.6	58.0





#40

Benzene

Concen: 3346.884 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.10 min

Lab File: VW007751.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_W

ClientSampleId :

KY001SB104-121218(20-22)

Tgt Ion: 78 Resp: 7051175

Ion Ratio Lower Upper

78 100

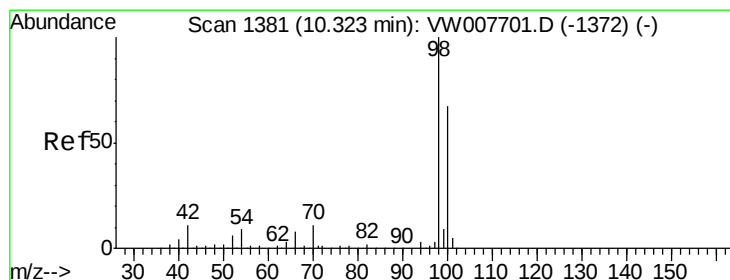
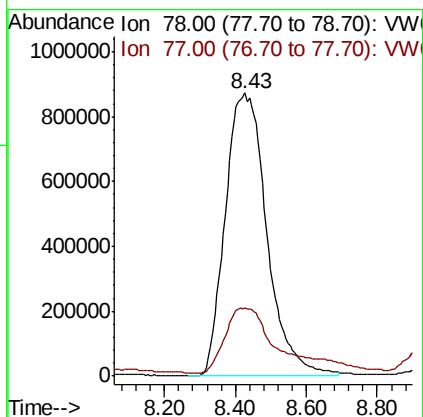
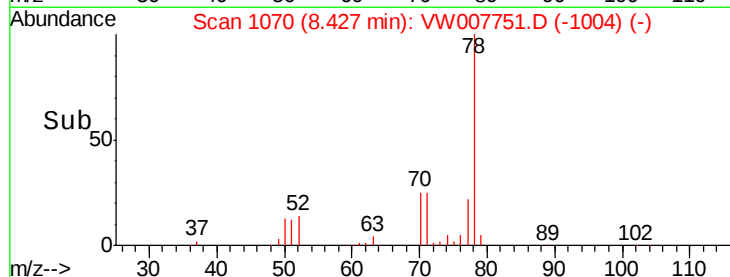
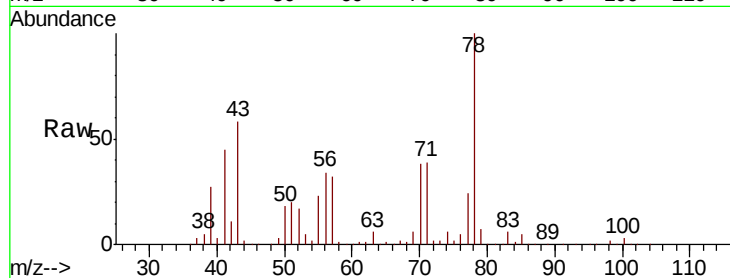
77 22.9 18.7 28.1

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#50

Toluene-d8

Concen: 264.308 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.07 min

Lab File: VW007751.D

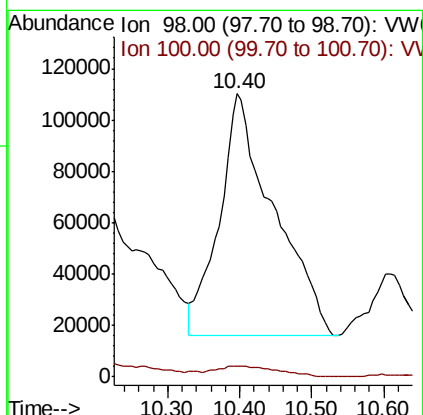
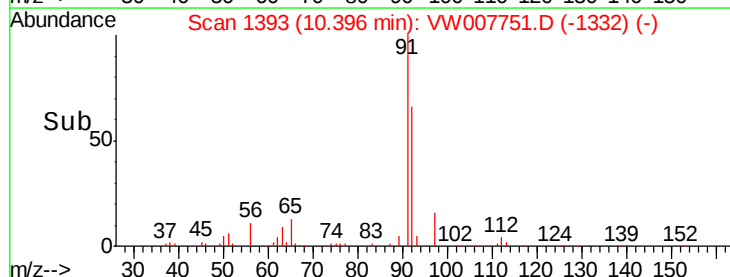
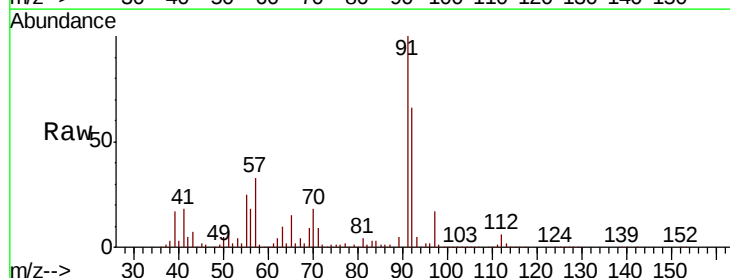
Acq: 20 Dec 2018 17:07

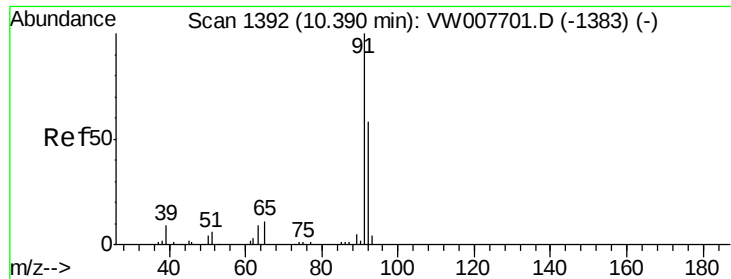
Tgt Ion: 98 Resp: 497221

Ion Ratio Lower Upper

98 100

100 5.0 52.2 78.2#





#52

Toluene

Concen: 62932.954 ug/l m

RT: 10.45 min Scan# 1402

Delta R.T. 0.06 min

Lab File: VW007751.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_W

ClientSampleId :

KY001SB104-121218(20-22)

Tgt Ion: 92 Resp:88956486

Ion Ratio Lower Upper

92 100

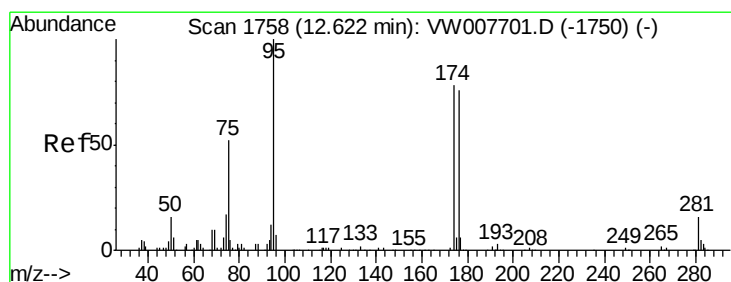
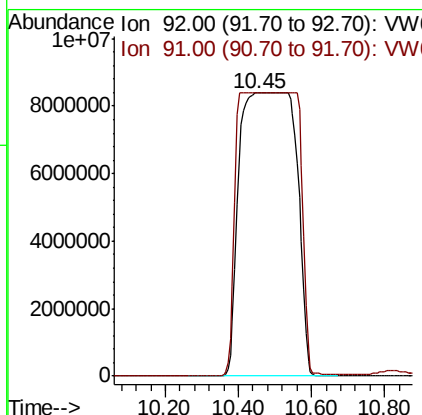
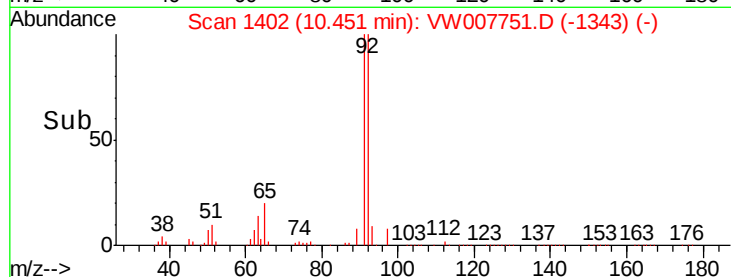
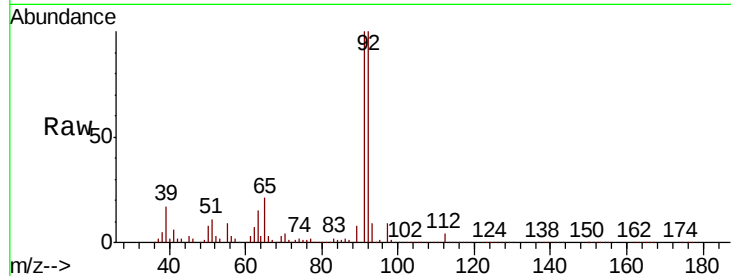
91 0.0 137.0 205.4#

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#62

4-Bromofluorobenzene

Concen: 167.344 ug/l

RT: 12.63 min Scan# 1760

Delta R.T. 0.01 min

Lab File: VW007751.D

Acq: 20 Dec 2018 17:07

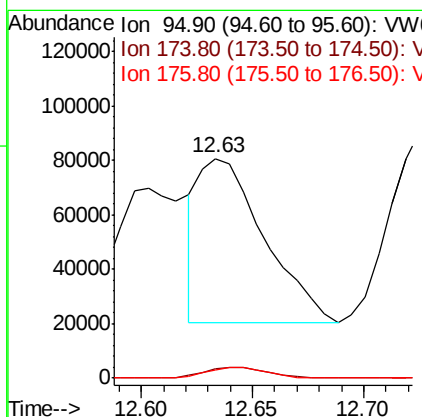
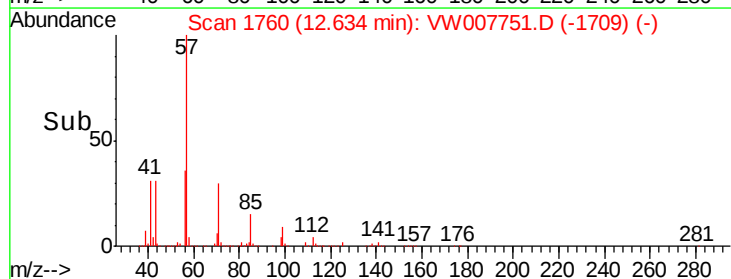
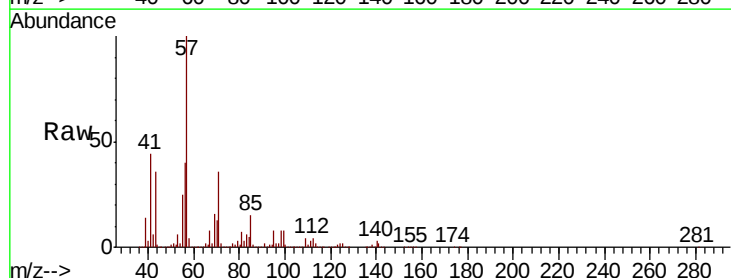
Tgt Ion: 95 Resp: 121618

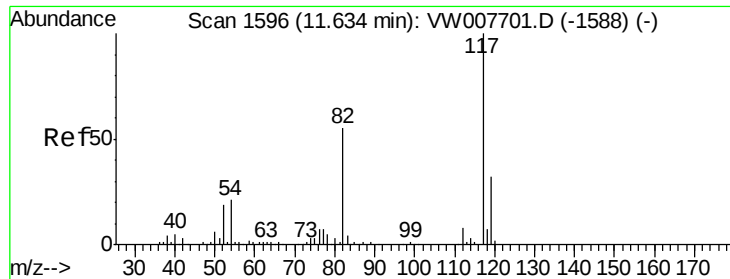
Ion Ratio Lower Upper

95 100

174 6.3 0.0 152.2

176 6.2 0.0 146.8





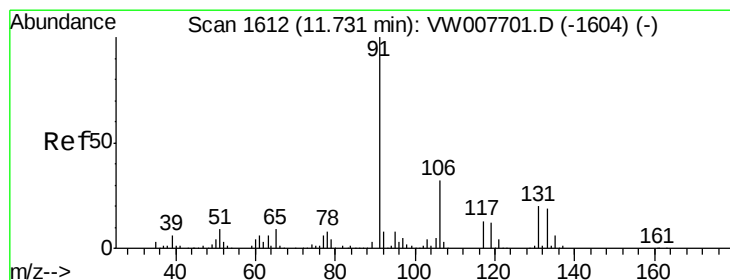
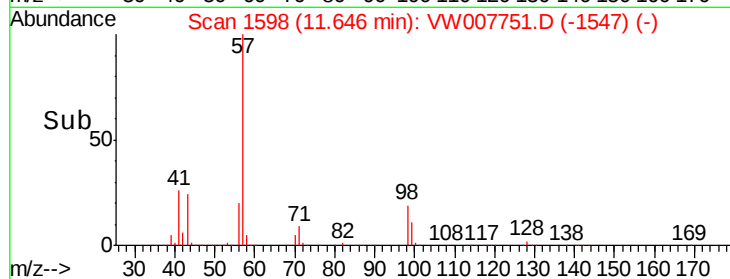
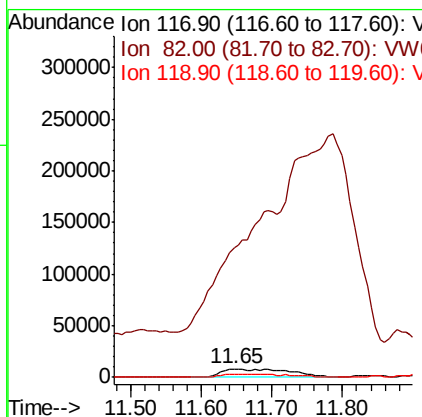
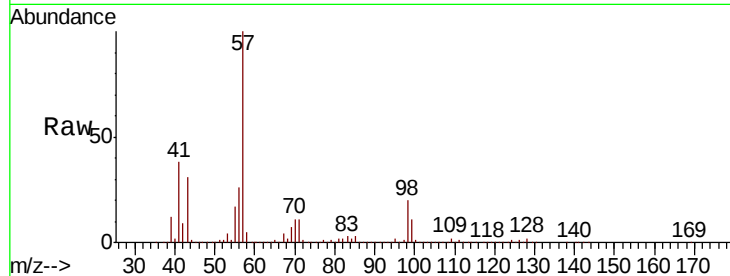
#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.65 min Scan# 1598
Delta R.T. 0.01 min
Lab File: VW007751.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(20-22)

Tgt Ion: 117 Resp: 55778
Ion Ratio Lower Upper
117 100
82 1575.4 44.3 66.5
119 30.3 25.7 38.5

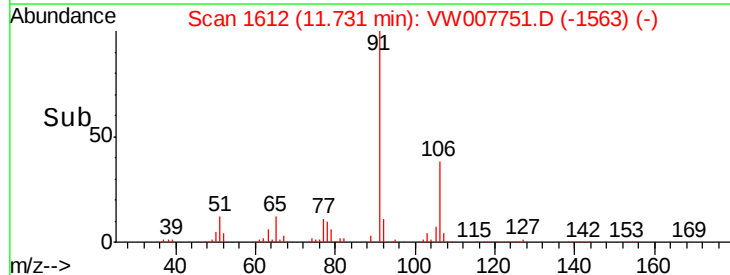
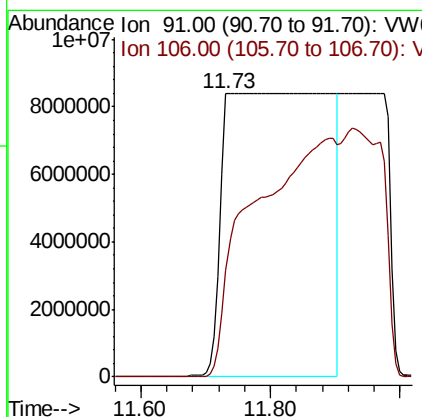
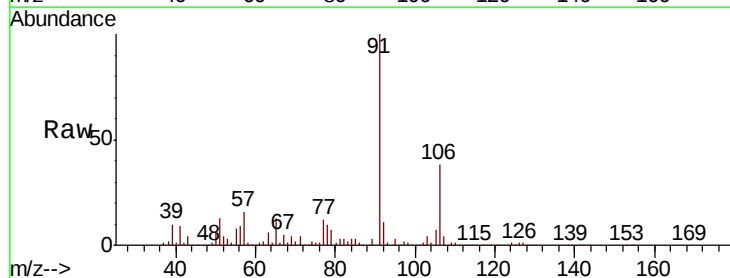
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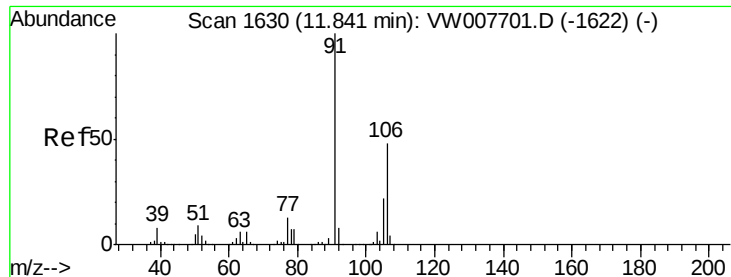
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#67
Ethyl Benzene
Concen: 44854.766 ug/l m
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007751.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 91 Resp: 92924570
Ion Ratio Lower Upper
91 100
106 37.7 25.8 38.8





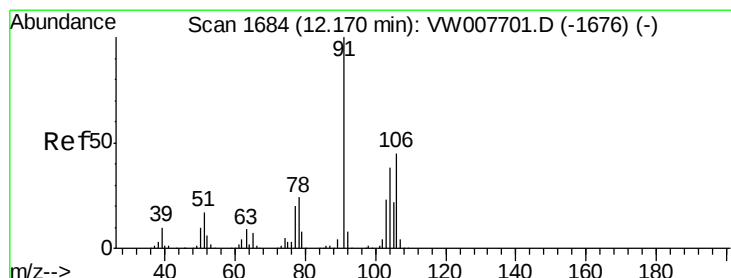
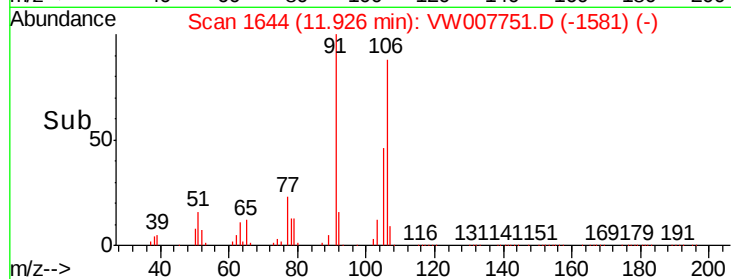
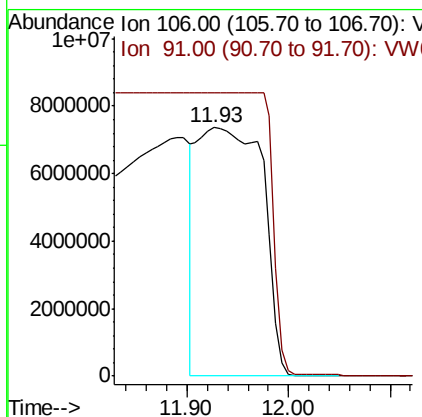
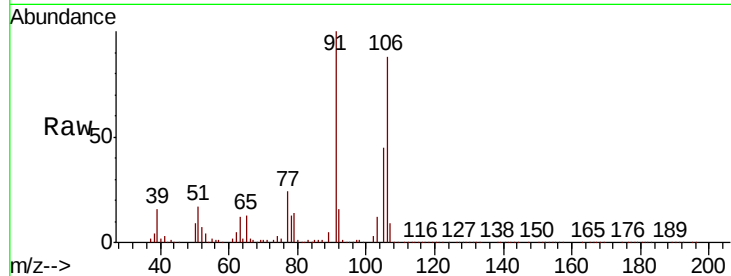
#68
m/p-Xylenes
Concen: 41320.911 ug/l m
RT: 11.93 min Scan# 1644
Delta R.T. 0.09 min
Lab File: VW007751.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(20-22)

Tgt Ion:106 Resp:33206874
Ion Ratio Lower Upper
106 100
91 0.0 165.2 247.8#

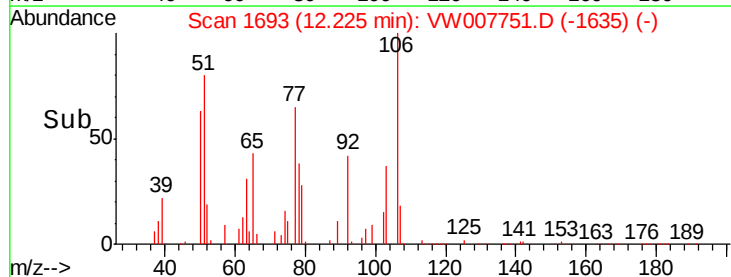
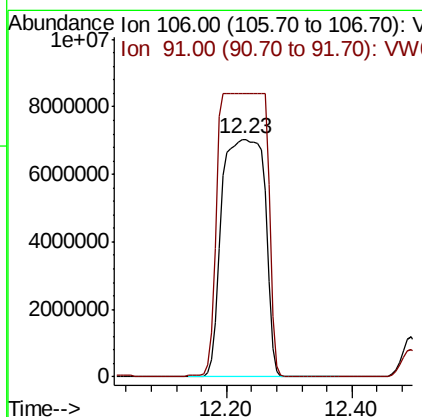
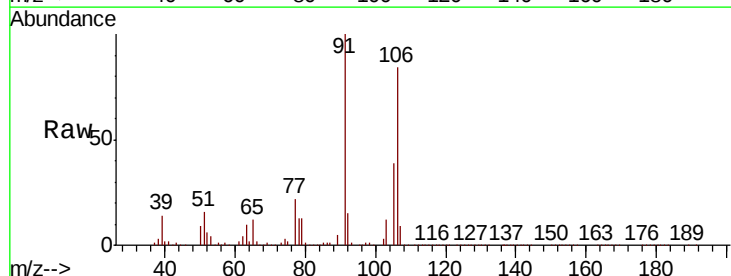
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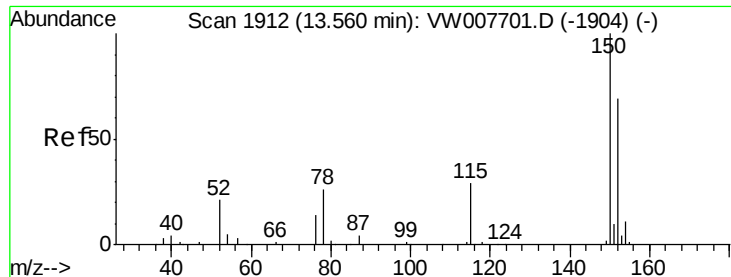
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#69
o-Xylene
Concen: 43833.089 ug/l
RT: 12.23 min Scan# 1693
Delta R.T. 0.05 min
Lab File: VW007751.D
Acq: 20 Dec 2018 17:07

Tgt Ion:106 Resp:33019617
Ion Ratio Lower Upper
106 100
91 0.0 110.5 331.4#





#72

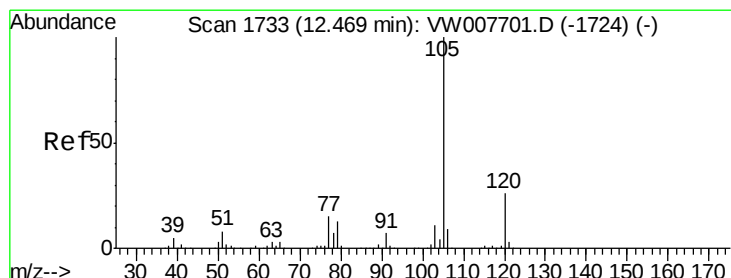
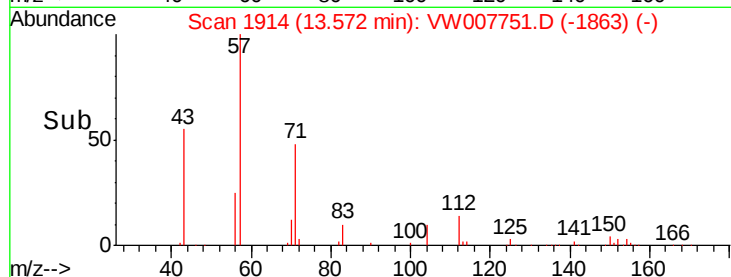
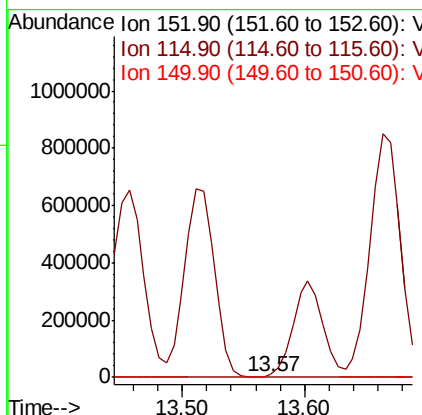
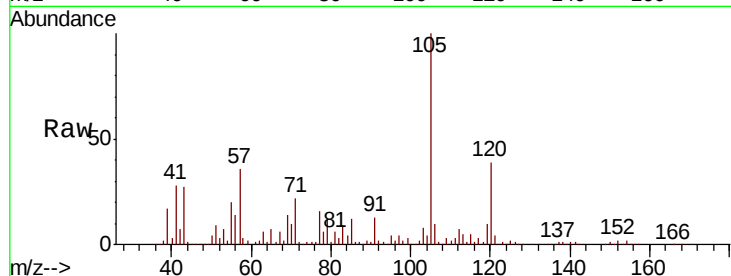
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1914
Delta R.T. 0.01 min
Lab File: VW007751.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(20-22)

Tgt Ion:152 Resp: 8641
Ion Ratio Lower Upper
152 100
115 0.0 31.8 95.4#
150 65.0 0.0 350.8

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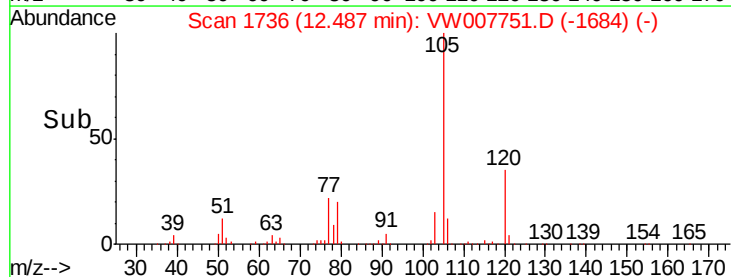
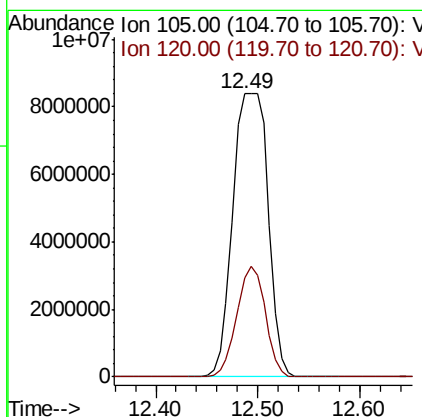
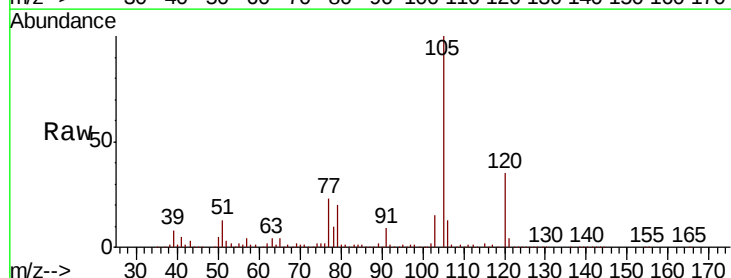
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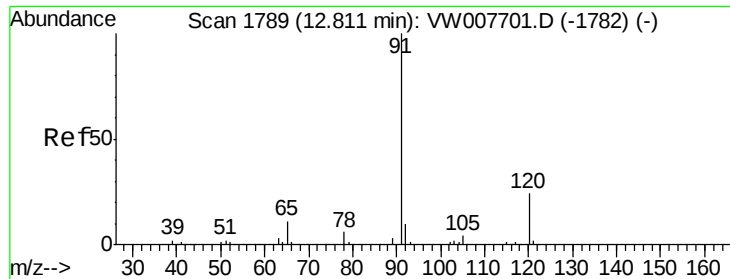


#73

Isopropylbenzene
Concen: 30799.935 ug/l
RT: 12.49 min Scan# 1736
Delta R.T. 0.02 min
Lab File: VW007751.D
Acq: 20 Dec 2018 17:07

Tgt Ion:105 Resp:20117387
Ion Ratio Lower Upper
105 100
120 31.5 13.1 39.3





#78

n-propylbenzene

Concen: 37722.367 ug/l m

RT: 12.82 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VW007751.D

Acq: 20 Dec 2018 17:07

Instrument :

MSVOA_W

ClientSampleId :

KY001SB104-121218(20-22)

Tgt Ion: 91 Resp:28681220

Ion Ratio Lower Upper

91 100

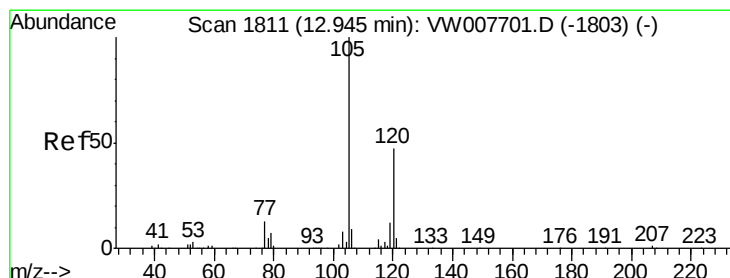
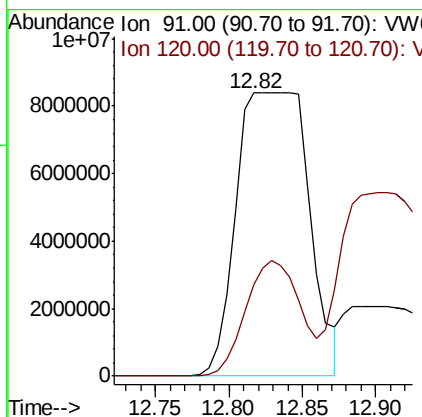
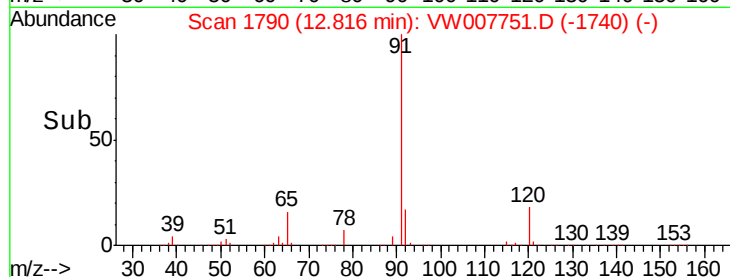
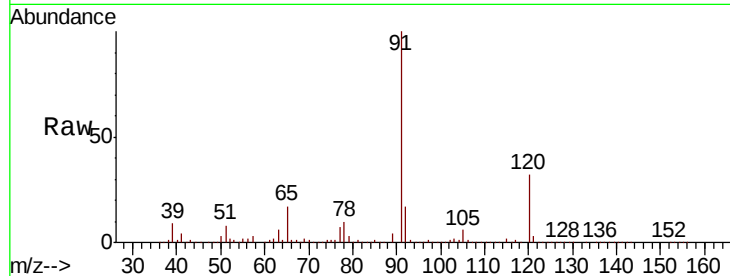
120 85.5 11.9 35.7#

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#80

1,3,5-Trimethylbenzene

Concen: 114438.791 ug/l m

RT: 12.88 min Scan# 1800

Delta R.T. -0.07 min

Lab File: VW007751.D

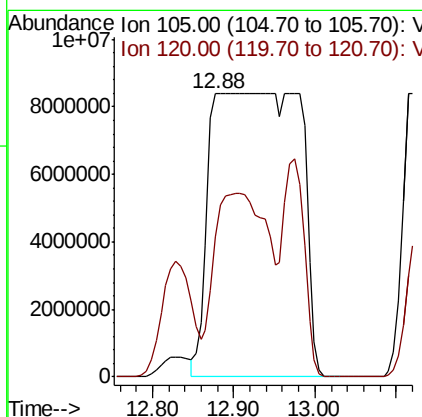
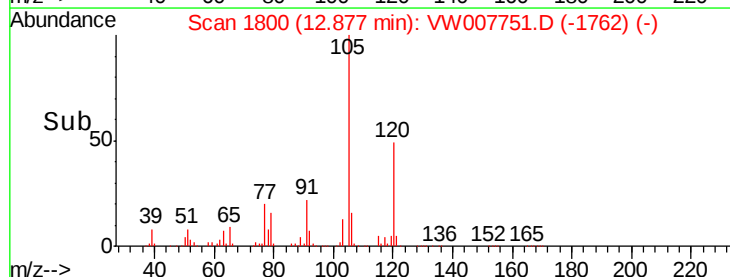
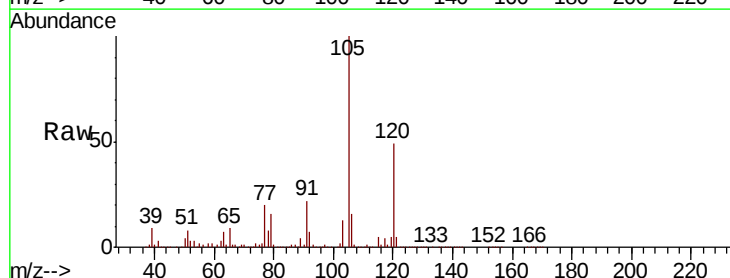
Acq: 20 Dec 2018 17:07

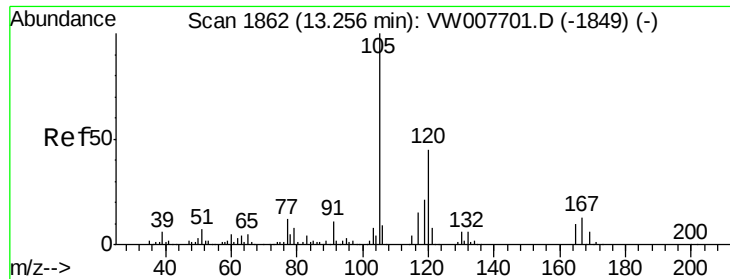
Tgt Ion:105 Resp:64474851

Ion Ratio Lower Upper

105 100

120 11.6 23.6 70.8#





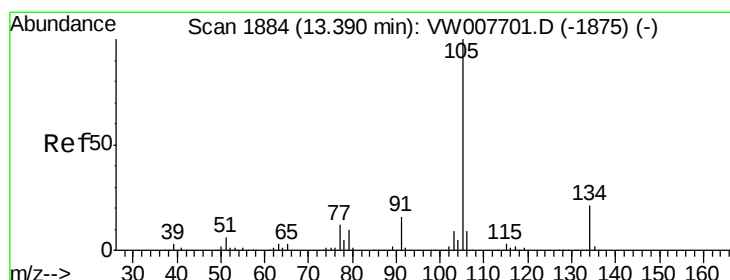
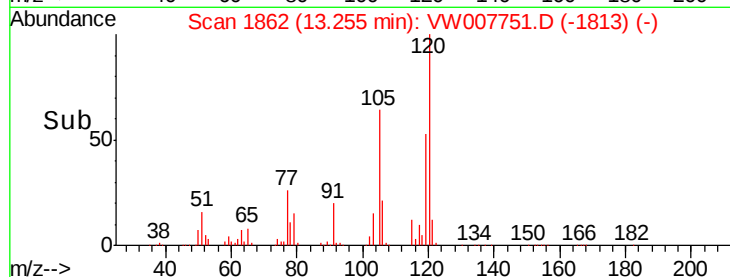
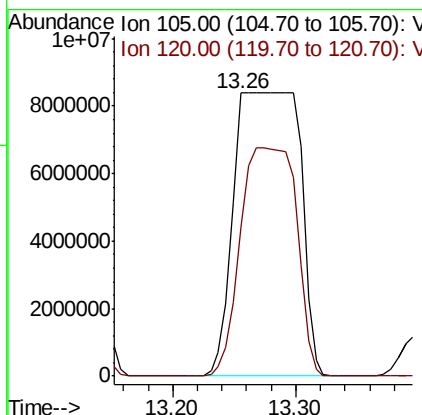
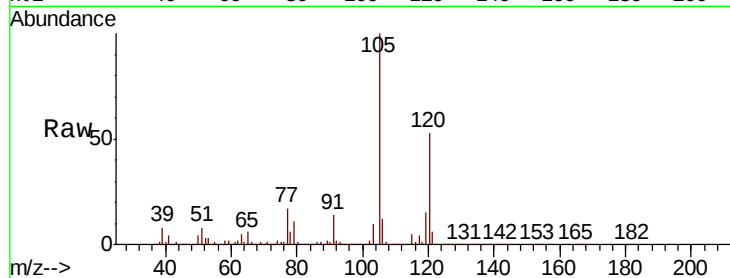
#84
 1,2,4-Trimethylbenzene
 Concen: 54632.794 ug/l m
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007751.D
 Acq: 20 Dec 2018 17:07

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB104-121218(20-22)

Tgt Ion:105 Resp:31058870
 Ion Ratio Lower Upper
 105 100
 120 24.1 22.0 66.0

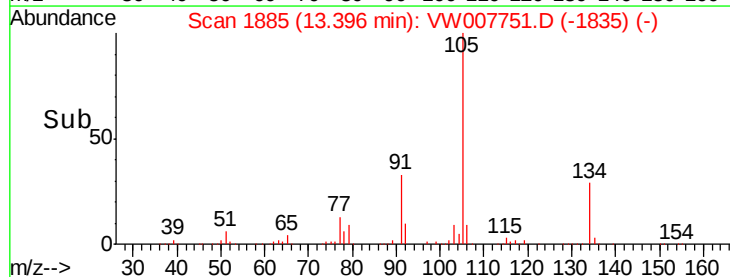
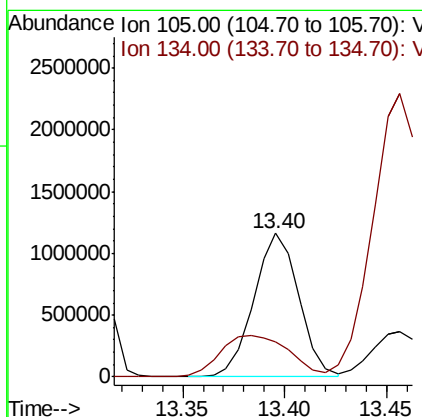
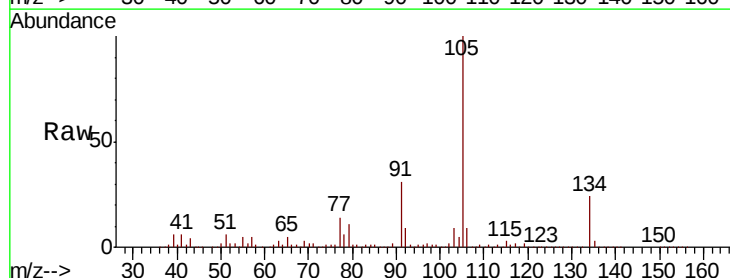
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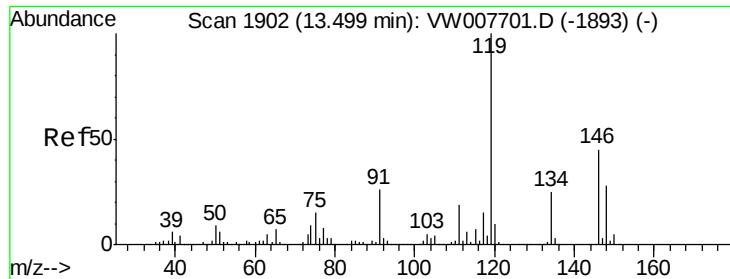
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#85
 sec-Butylbenzene
 Concen: 2589.864 ug/l
 RT: 13.40 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: VW007751.D
 Acq: 20 Dec 2018 17:07

Tgt Ion:105 Resp: 1764450
 Ion Ratio Lower Upper
 105 100
 134 44.9 10.2 30.4#





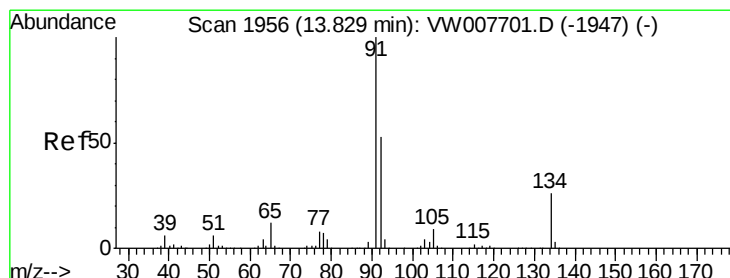
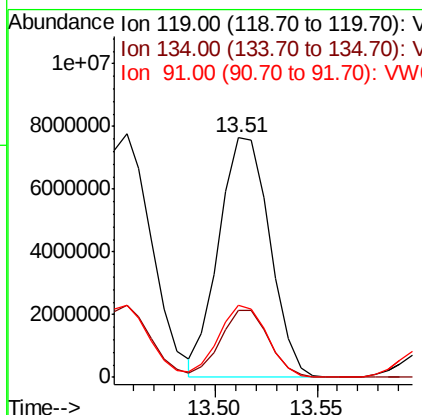
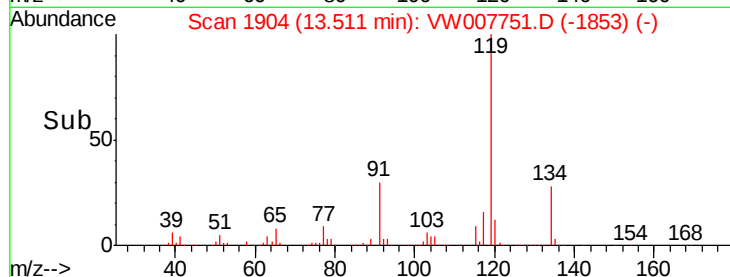
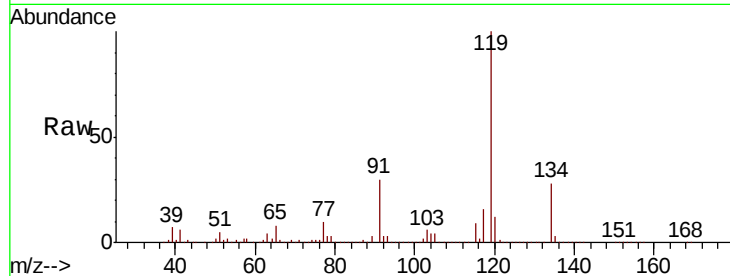
#86
p-Isopropyltoluene
Concen: 21428.008 ug/l
RT: 13.51 min Scan# 1904
Delta R.T. 0.01 min
Lab File: VW007751.D
Acq: 20 Dec 2018 17:07

Instrument :
MSVOA_W
ClientSampleId :
KY001SB104-121218(20-22)

Tgt Ion: 119 Resp: 13274802
Ion Ratio Lower Upper
119 100
134 26.5 13.0 39.0
91 28.5 12.8 38.4

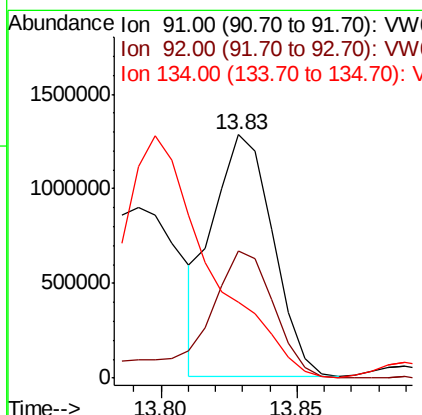
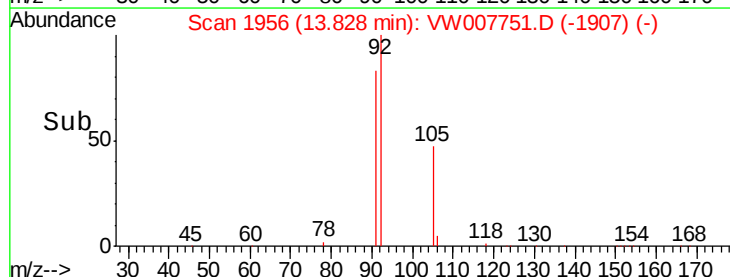
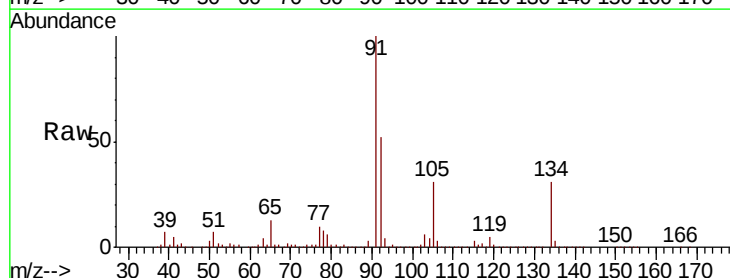
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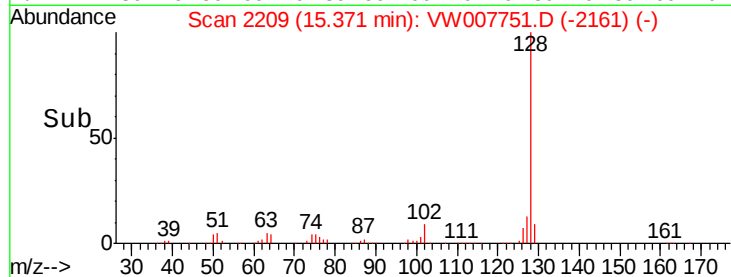
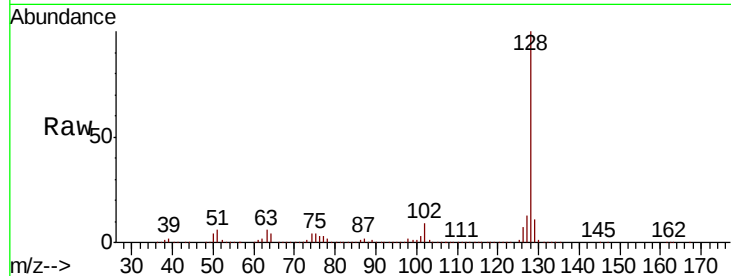
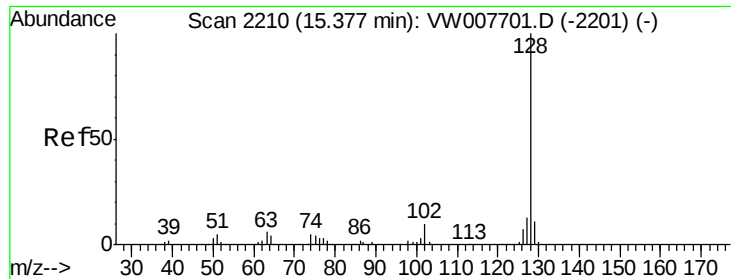
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#89
n-Butylbenzene
Concen: 3450.938 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007751.D
Acq: 20 Dec 2018 17:07

Tgt Ion: 91 Resp: 1960171
Ion Ratio Lower Upper
91 100
92 57.1 26.4 79.2
134 0.0 13.7 41.0#





#95

Naphthalene

Concen: 3424.392 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW007751.D

Acq: 20 Dec 2018 17:07

Tgt Ion:	128	Resp:	1169436
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(20-22)

Manual Integrations
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