

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\WV122218\
 Data File : VW007761.D
 Acq On : 20 Dec 2018 21:26
 Operator : SY/AP
 Sample : J6392-21
 Misc : 6.6G/5ML/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(20-22)-FD

Manual Integrations
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Quant Time: Dec 21 04:56:11 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

12/21/2018 11:04:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70897	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	120961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	104318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44007	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	35427	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
35) Dibromofluoromethane	7.88	113	32477	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
50) Toluene-d8	10.33	98	266144	95.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.34%	
62) 4-Bromofluorobenzene	12.62	95	84296	78.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.88%	

Target Compounds

						Qvalue
17) Carbon Disulfide	4.38	76	4598	2.124	ug/l #	85
31) Cyclohexane	7.94	56	1549606	1339.621	ug/l #	53
39) Methylcyclohexane	9.35	83	4594295	3166.879	ug/l #	87
40) Benzene	8.32	78	998983	320.656	ug/l	100
52) Toluene	10.40	92	96144	45.997	ug/l	98
67) Ethyl Benzene	11.74	91	23642667m	6102.084	ug/l	
68) m/p-Xylenes	11.87	106	16402964	10913.597	ug/l #	1
69) o-Xylene	12.18	106	11939337	8474.497	ug/l	73
73) Isopropylbenzene	12.47	105	12771996	3839.540	ug/l	99
78) n-propylbenzene	12.81	91	19814227	5117.062	ug/l	94
80) 1,3,5-Trimethylbenzene	12.96	105	17705475	6170.676	ug/l	85
84) 1,2,4-Trimethylbenzene	13.26	105	31321244m	10818.051	ug/l	
85) sec-Butylbenzene	13.40	105	2046907	589.940	ug/l #	57
86) p-Isopropyltoluene	13.52	119	1222466	387.465	ug/l	99
89) n-Butylbenzene	13.84	91	2780066	961.038	ug/l #	70
95) Naphthalene	15.38	128	8762429	5038.181	ug/l	98

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

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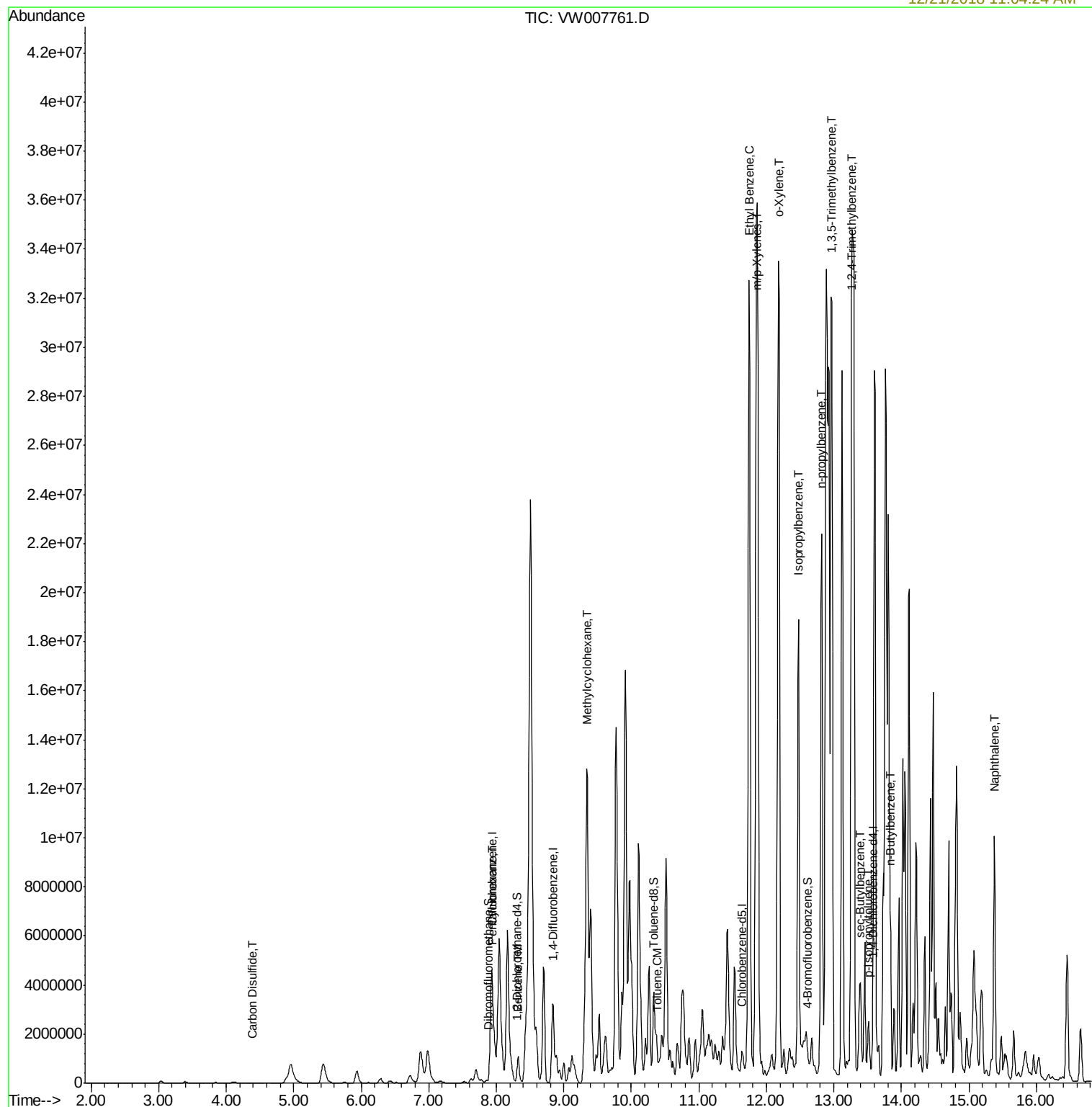
Instrument :
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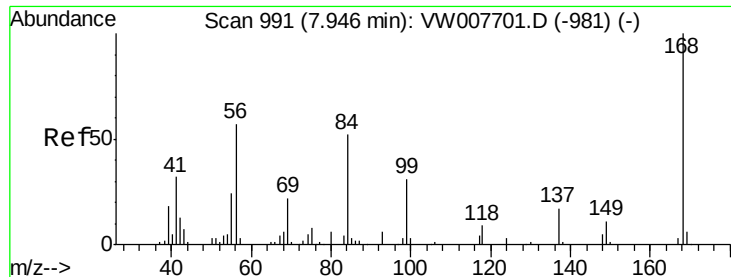
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW007761.D

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Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion:168 Resp: 70897

Ion Ratio Lower Upper

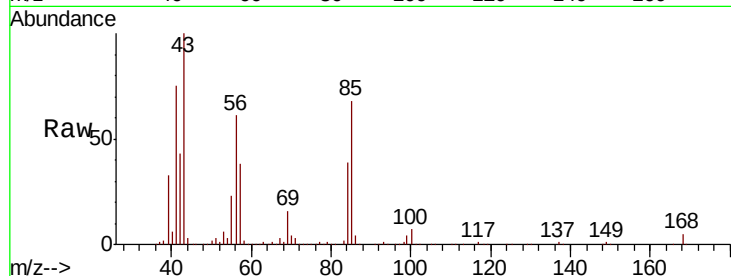
168 100

99 68.4 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

20000

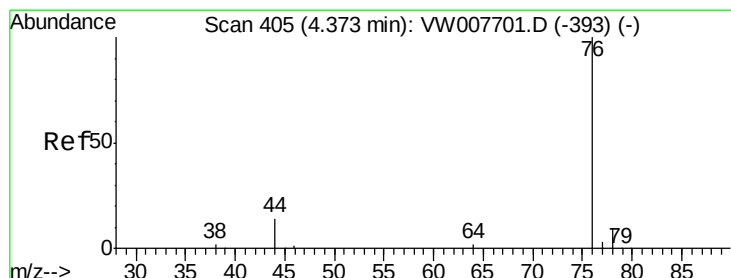
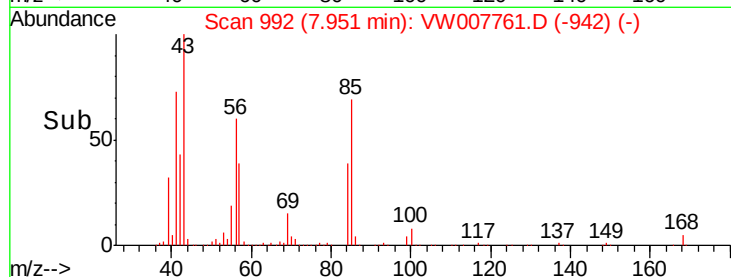
10000

0

7.90 8.00 8.10

Time-->

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#17

Carbon Disulfide

Concen: 2.124 ug/l

RT: 4.38 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW007761.D

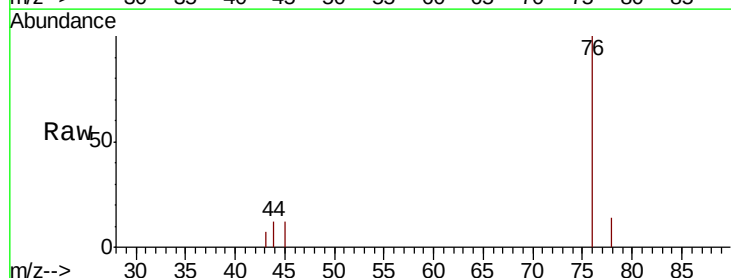
Acq: 20 Dec 2018 21:26

Tgt Ion: 76 Resp: 4598

Ion Ratio Lower Upper

76 100

78 14.5 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

1500

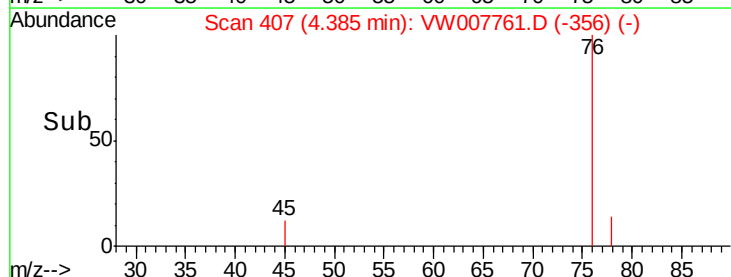
1000

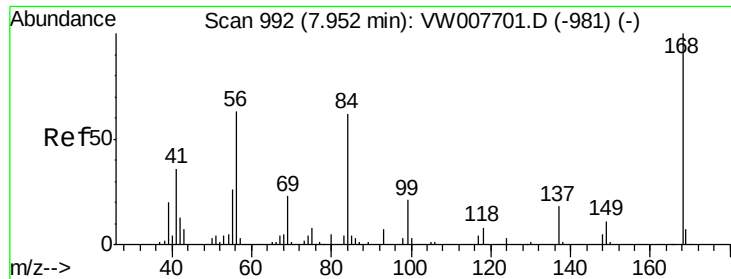
500

0

4.30 4.40 4.50

Time-->





#31
Cyclohexane
Concen: 1339.621 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

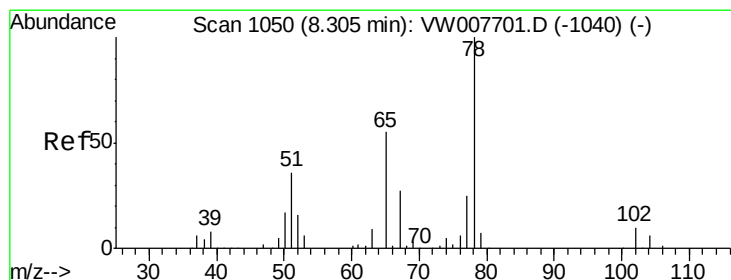
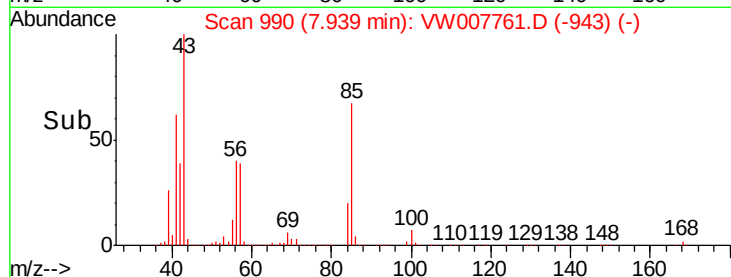
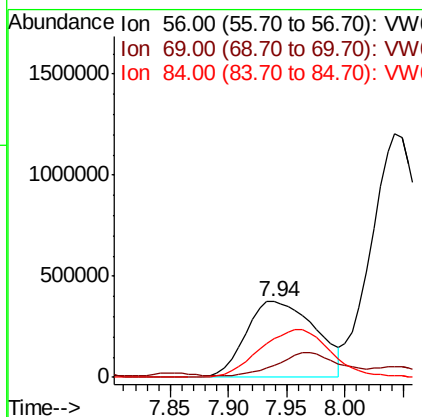
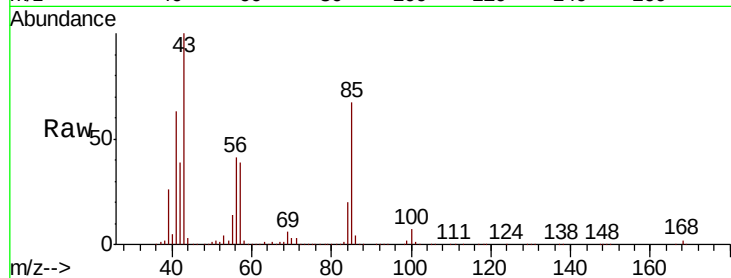
Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(20-22)-FD

Tgt Ion: 56 Resp: 1549606
Ion Ratio Lower Upper
56 100
69 11.1 29.7 44.5#
84 50.8 78.9 118.3#

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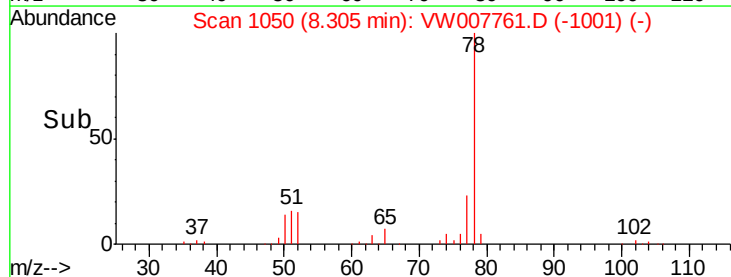
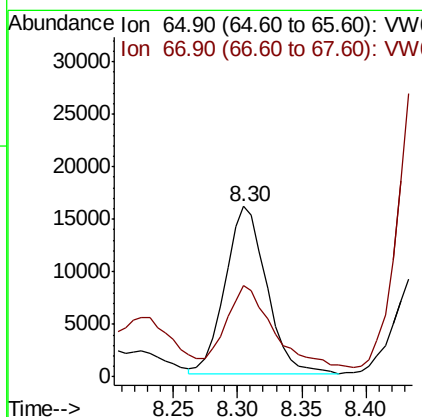
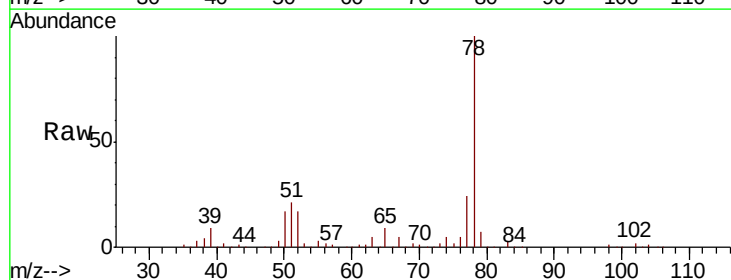
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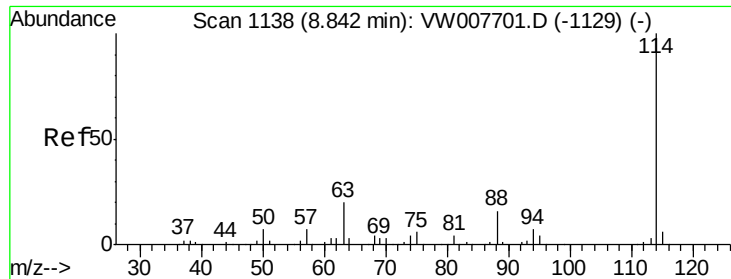
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#33
1,2-Dichloroethane-d4
Concen: 45.591 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Tgt Ion: 65 Resp: 35427
Ion Ratio Lower Upper
65 100
67 54.6 0.0 100.6





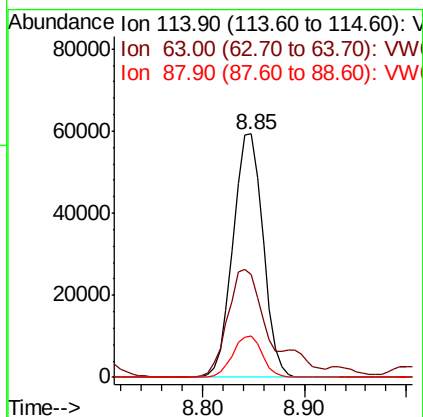
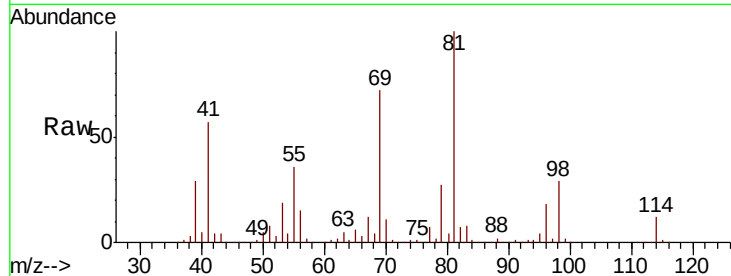
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(20-22)-FD

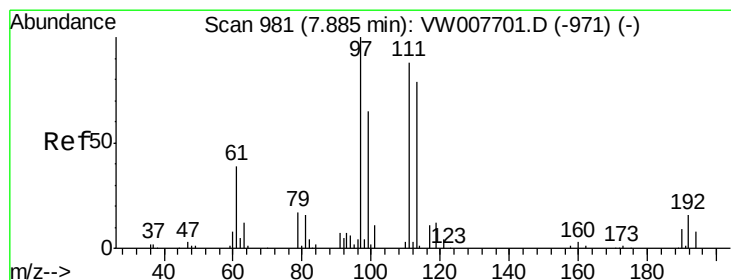
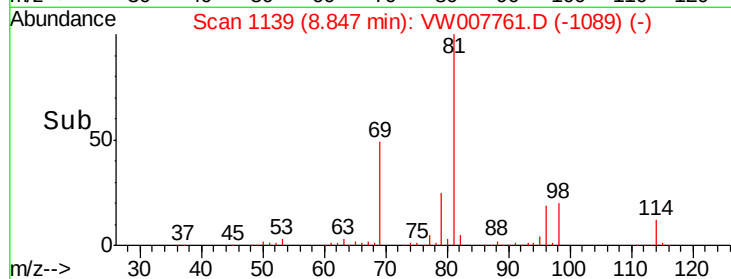
Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	42.3	0.0	40.0#
88	16.9	0.0	32.6

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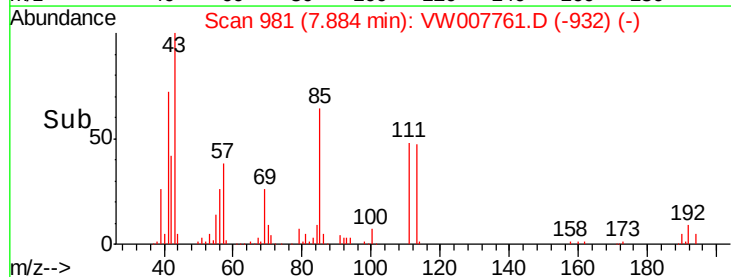
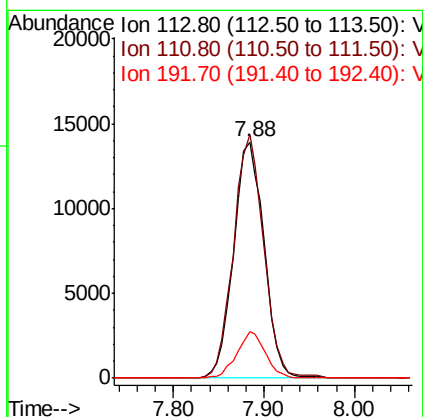
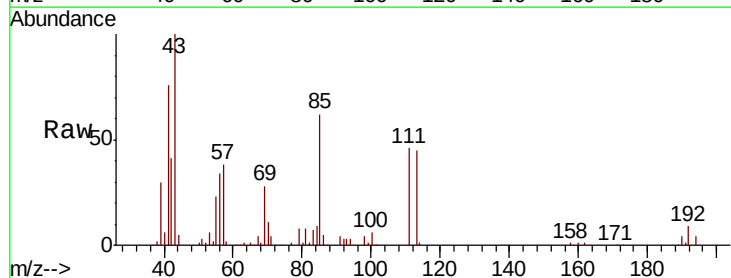


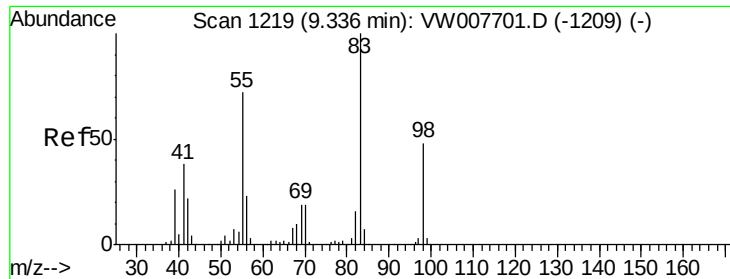
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#35
Dibromofluoromethane
Concen: 44.011 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	102.0	82.6	124.0
192	18.4	15.5	23.3





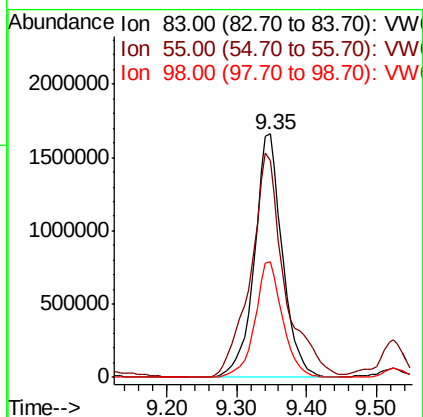
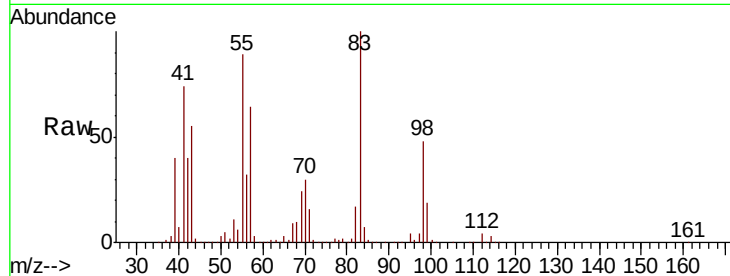
#39
Methylcyclohexane
Concen: 3166.879 ug/l
RT: 9.35 min Scan# 1221
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(20-22)-FD

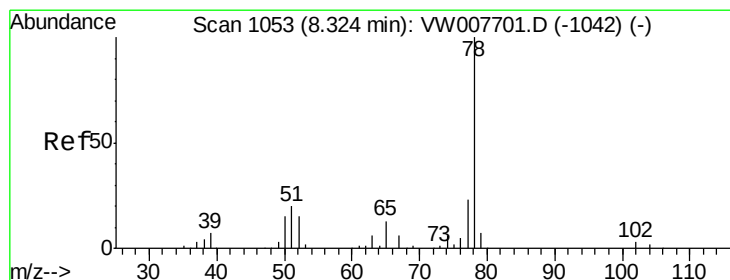
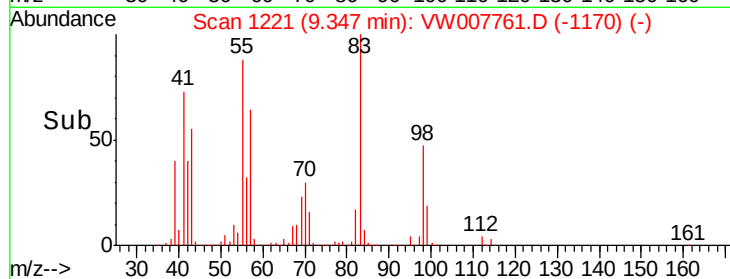
Tgt Ion: 83 Resp: 4594295
Ion Ratio Lower Upper
83 100
55 88.7 57.2 85.8#
98 47.6 38.6 58.0

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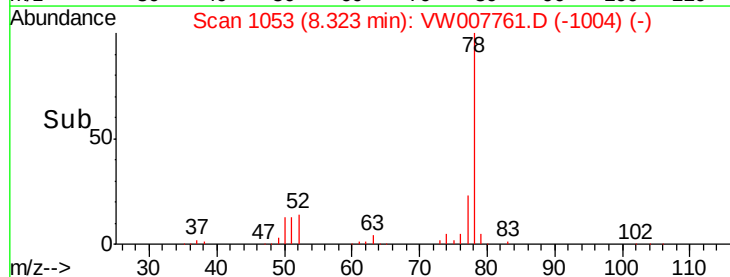
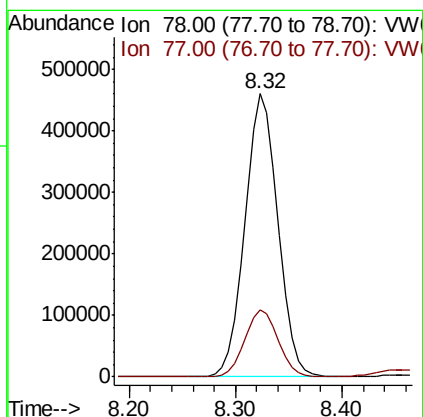
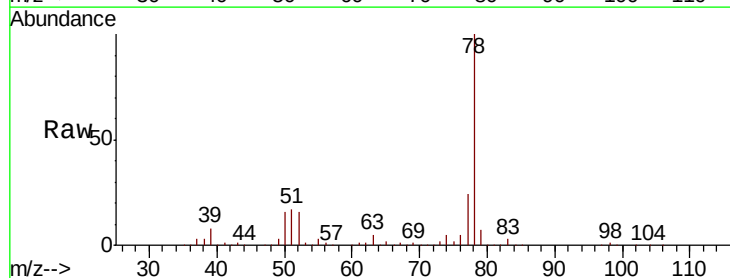


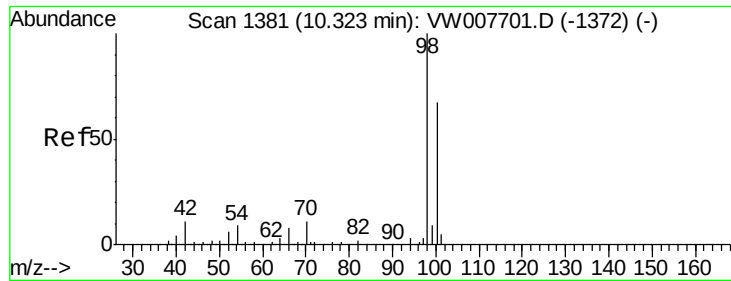
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#40
Benzene
Concen: 320.656 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Tgt Ion: 78 Resp: 998983
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1





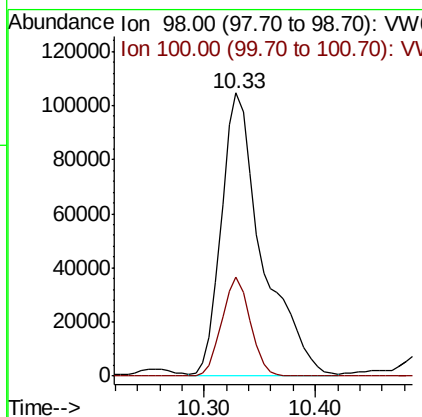
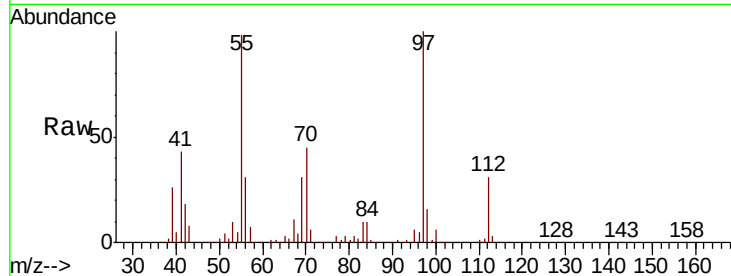
#50
Toluene-d8
Concen: 95.671 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Instrument :
MSVOA_W
ClientSampleId :
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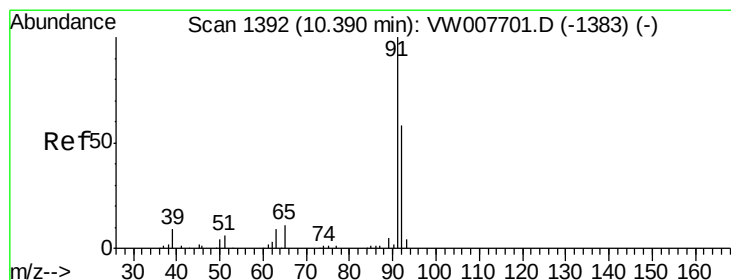
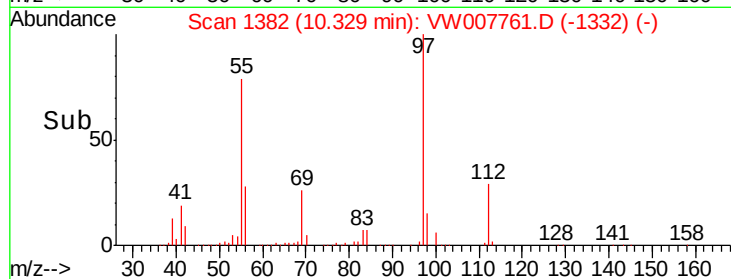
Tgt Ion: 98 Resp: 266144
Ion Ratio Lower Upper
98 100
100 24.3 52.2 78.2#

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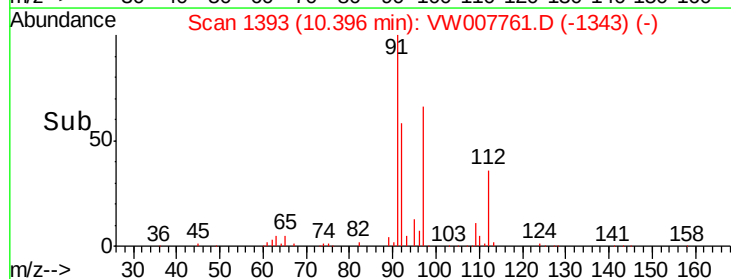
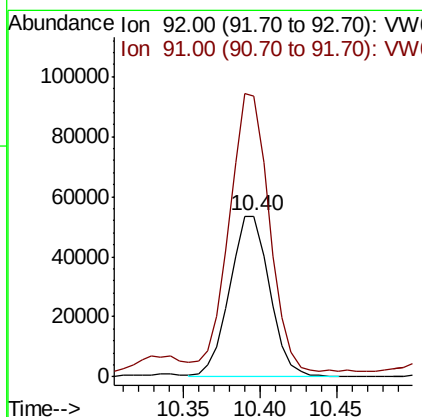
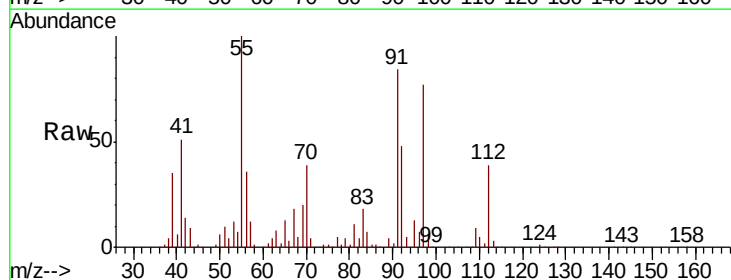


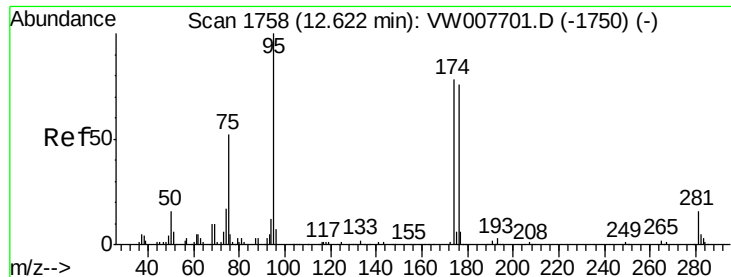
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#52
Toluene
Concen: 45.997 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Tgt Ion: 92 Resp: 96144
Ion Ratio Lower Upper
92 100
91 174.2 137.0 205.4





#62

4-Bromofluorobenzene

Concen: 78.437 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007761.D

Acq: 20 Dec 2018 21:26

Instrument :

MSVOA_W

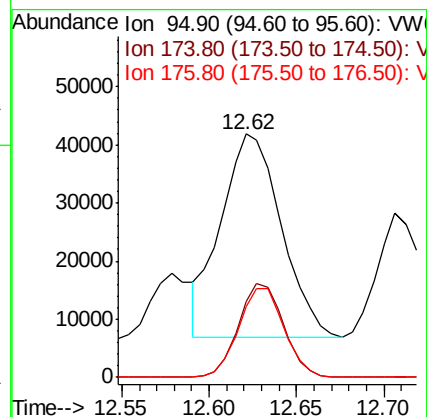
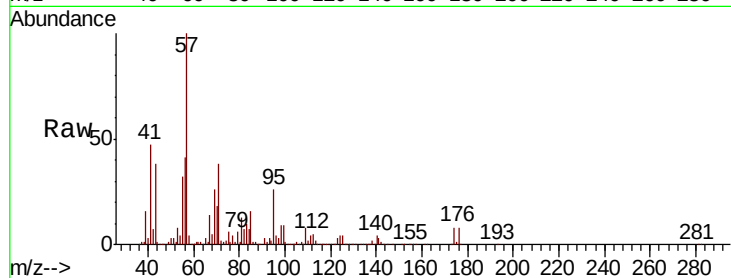
ClientSampleId :

KY001SB106-121218-(20-22)-FD

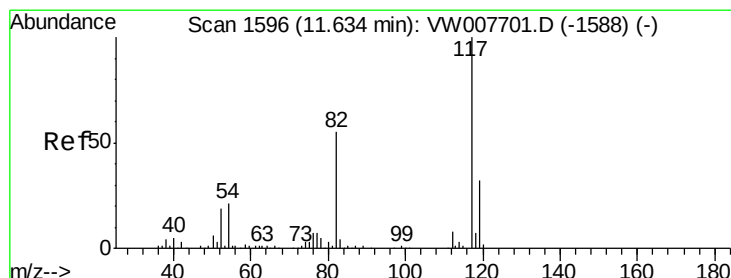
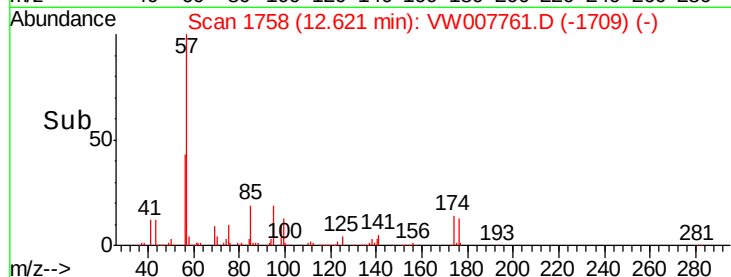
Tgt Ion:	95	Resp:	84296
Ion Ratio	Lower	Upper	
95	100		
174	34.6	0.0	152.2
176	33.1	0.0	146.8

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

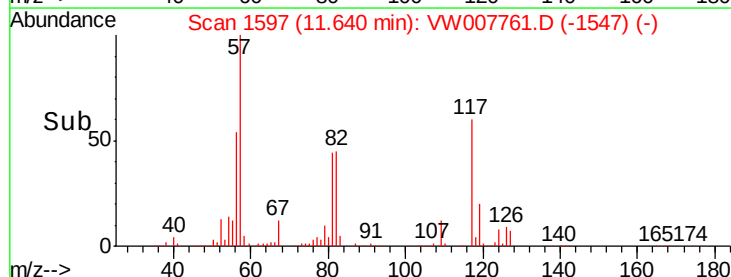
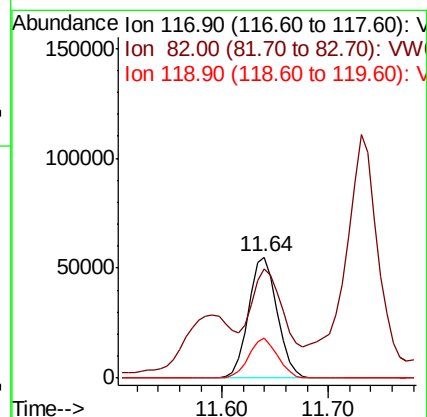
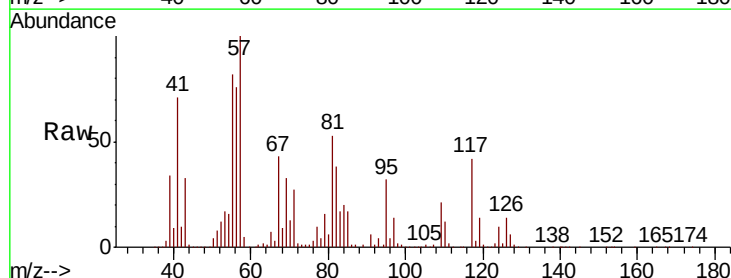
RT: 11.64 min Scan# 1597

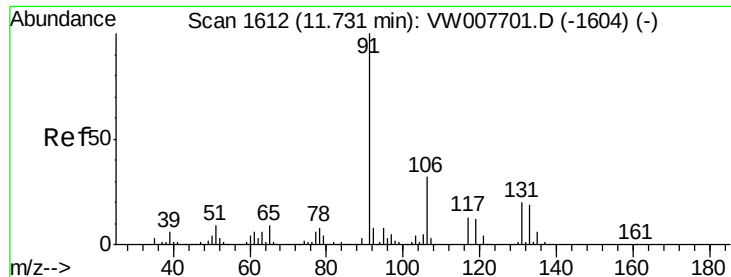
Delta R.T. 0.01 min

Lab File: VW007761.D

Acq: 20 Dec 2018 21:26

Tgt Ion:	117	Resp:	104318
Ion Ratio	Lower	Upper	
117	100		
82	49.2	44.3	66.5
119	32.9	25.7	38.5





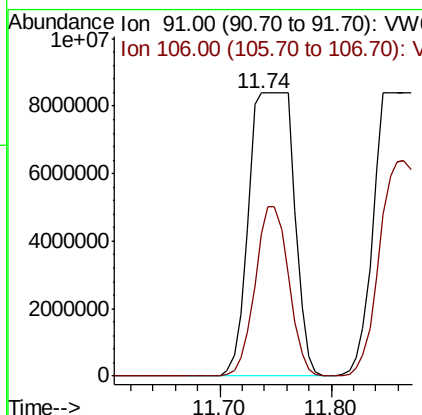
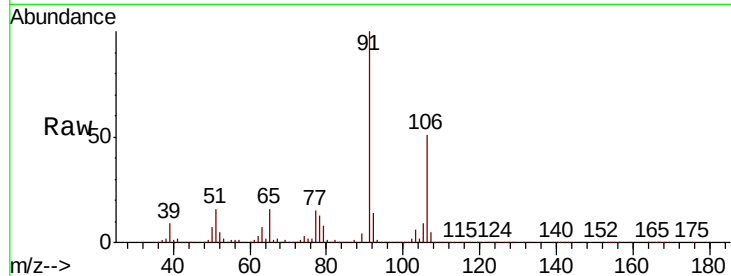
#67
Ethyl Benzene
Concen: 6102.084 ug/l m
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

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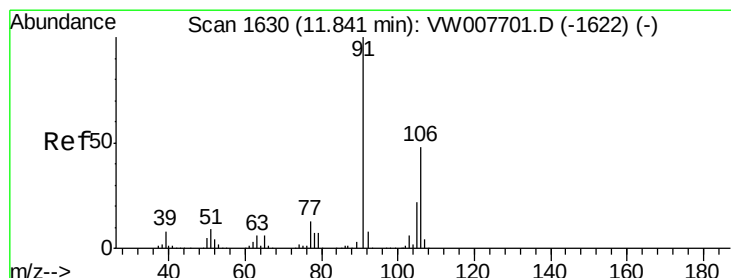
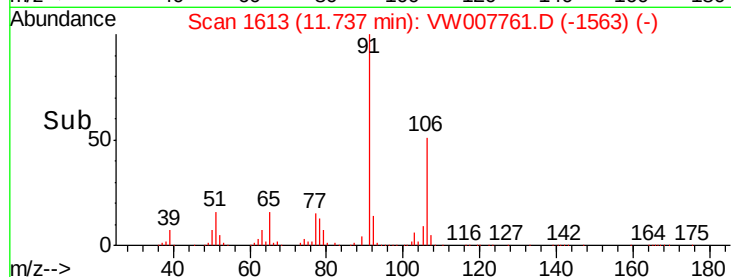
Tgt Ion: 91 Resp:23642667
Ion Ratio Lower Upper
91 100
106 50.6 25.8 38.8#

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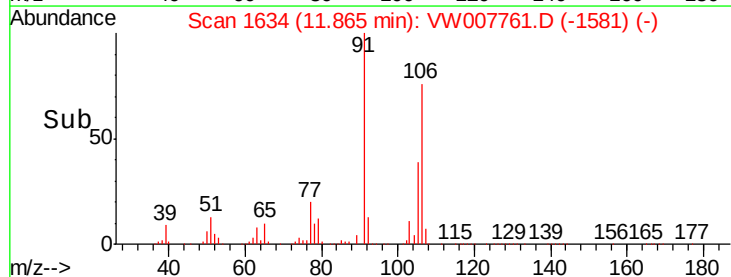
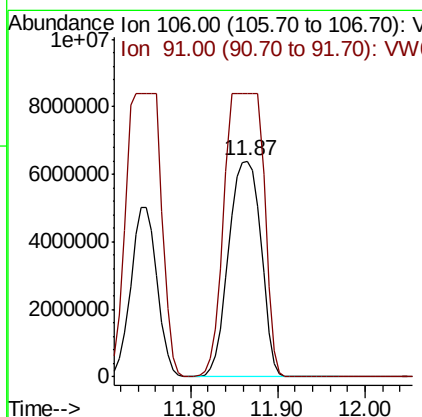
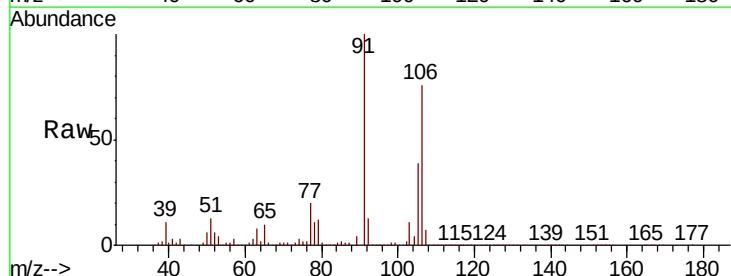


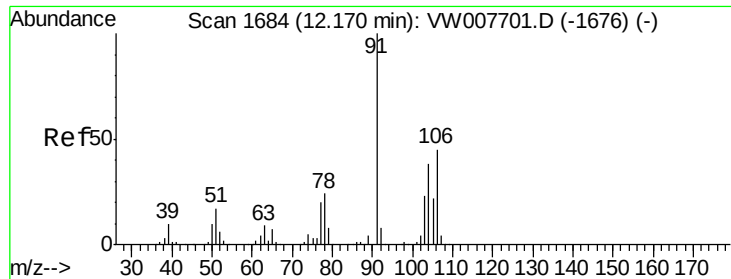
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#68
m/p-Xylenes
Concen: 10913.597 ug/l
RT: 11.87 min Scan# 1634
Delta R.T. 0.02 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Tgt Ion:106 Resp:16402964
Ion Ratio Lower Upper
106 100
91 0.0 165.2 247.8#





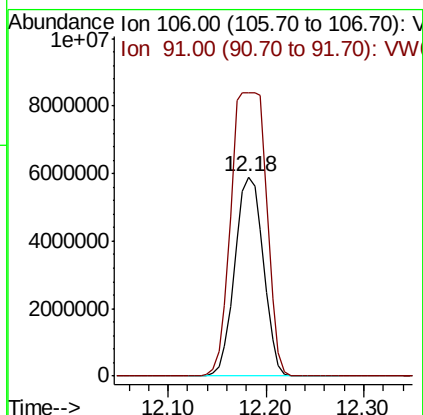
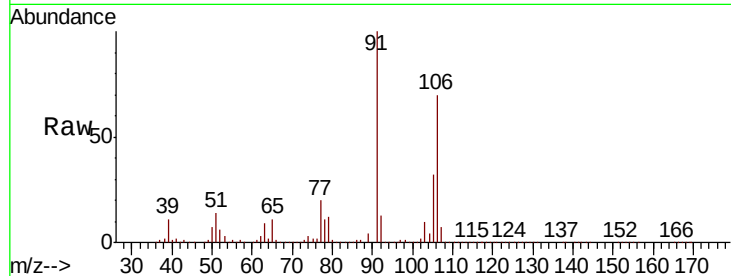
#69
o-Xylene
Concen: 8474.497 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(20-22)-FD

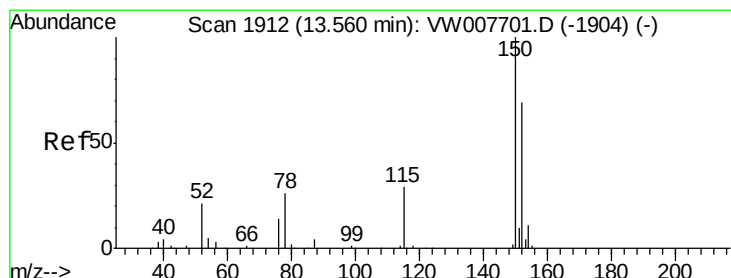
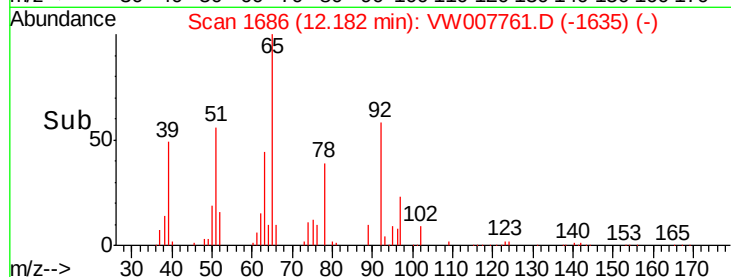
Tgt Ion:106 Resp:11939337
Ion Ratio Lower Upper
106 100
91 177.1 110.5 331.4

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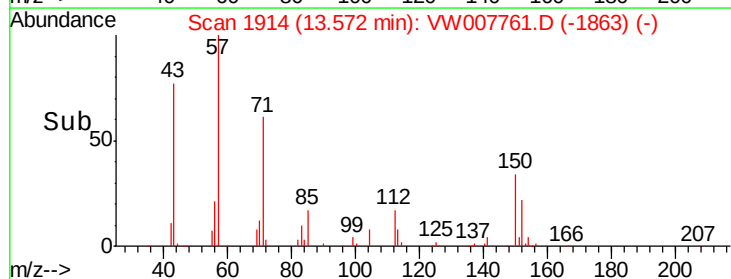
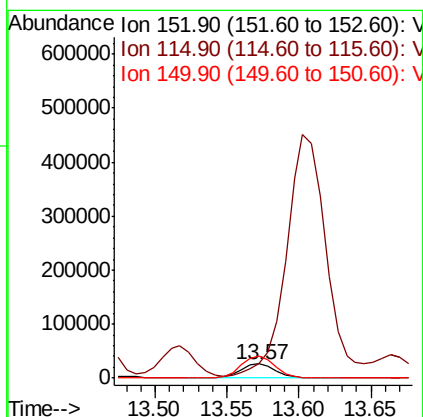
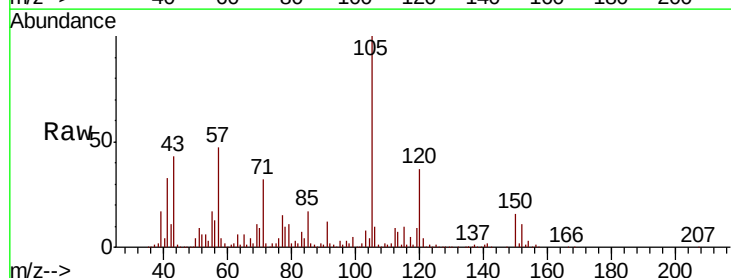


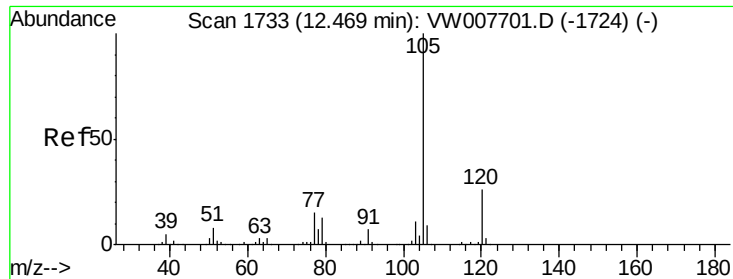
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1914
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Tgt Ion:152 Resp: 44007
Ion Ratio Lower Upper
152 100
115 0.0 31.8 95.4#
150 149.7 0.0 350.8





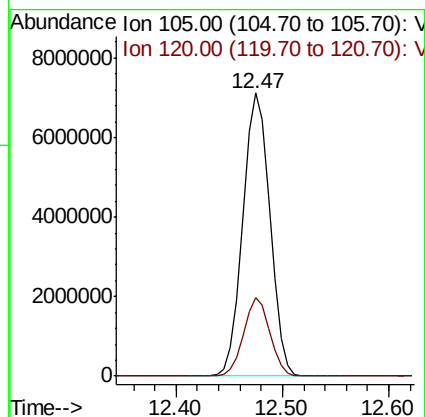
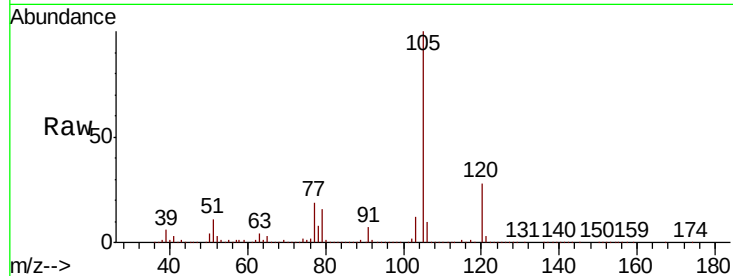
#73
Isopropylbenzene
Concen: 3839.540 ug/l
RT: 12.47 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(20-22)-FD

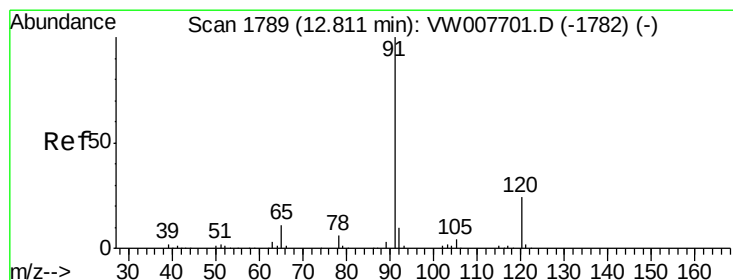
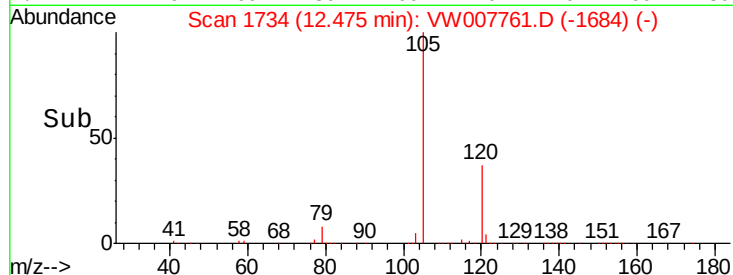
Tgt Ion:105 Resp:12771996
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

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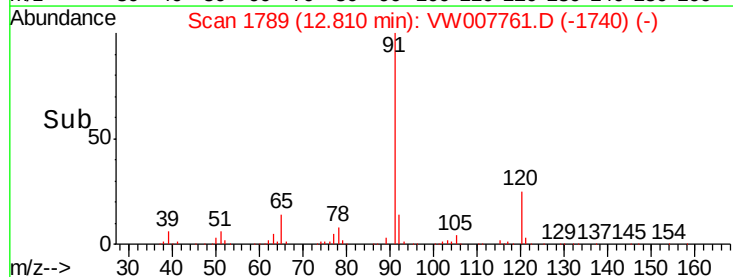
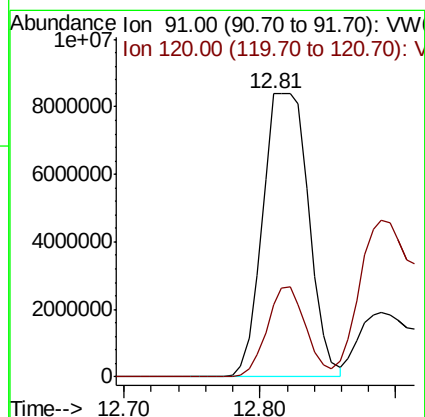
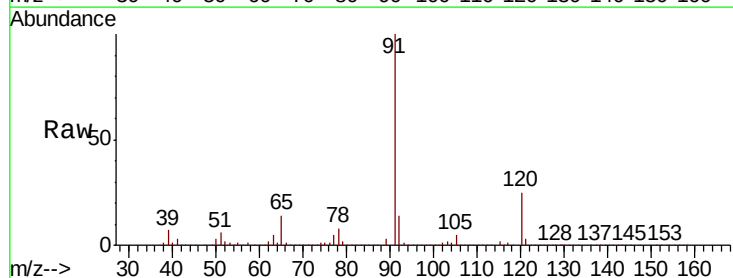


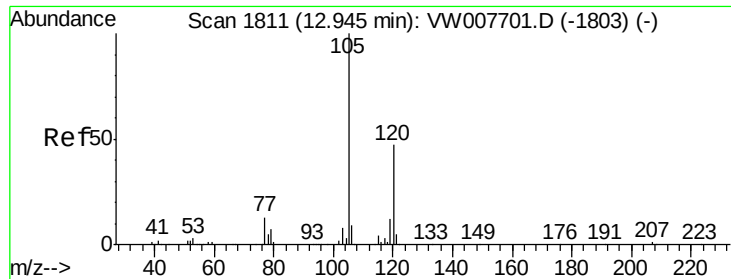
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#78
n-propylbenzene
Concen: 5117.062 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Tgt Ion: 91 Resp:19814227
Ion Ratio Lower Upper
91 100
120 26.9 11.9 35.7





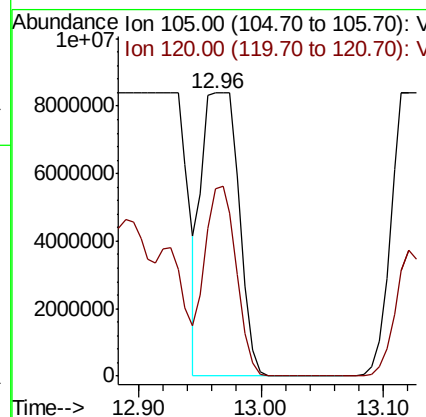
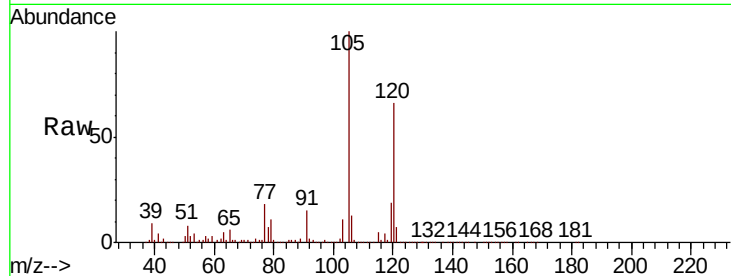
#80
 1,3,5-Trimethylbenzene
 Concen: 6170.676 ug/l
 RT: 12.96 min Scan# 1814
 Delta R.T. 0.02 min
 Lab File: VW007761.D
 Acq: 20 Dec 2018 21:26

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(20-22)-FD

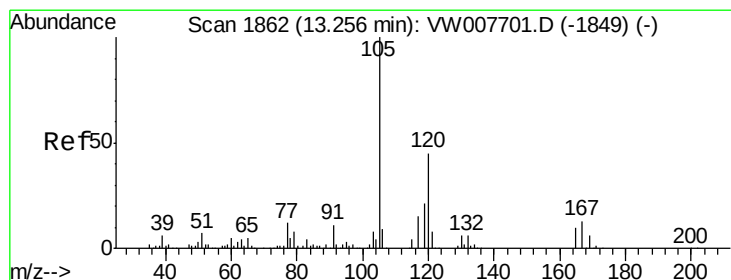
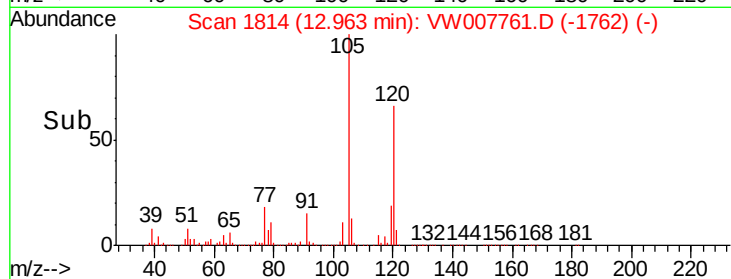
Tgt Ion:105 Resp:17705475
 Ion Ratio Lower Upper
 105 100
 120 56.9 23.6 70.8

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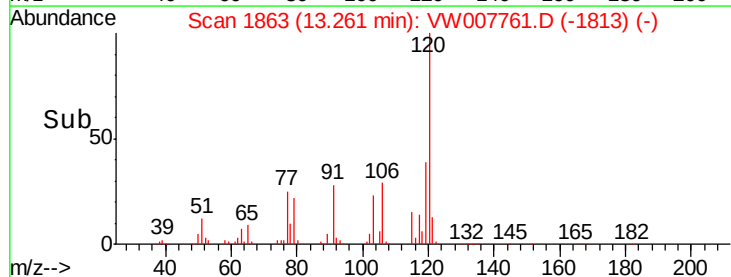
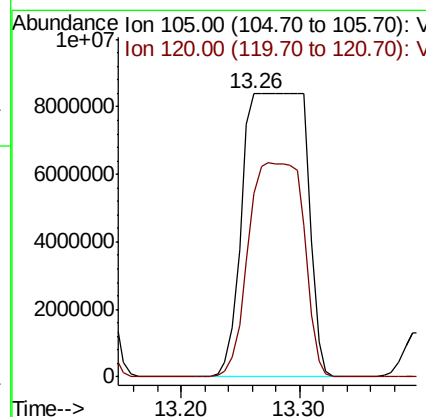
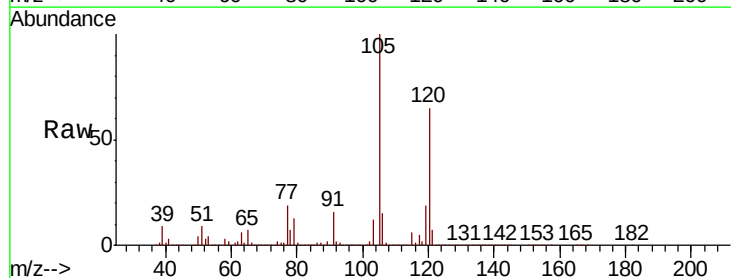


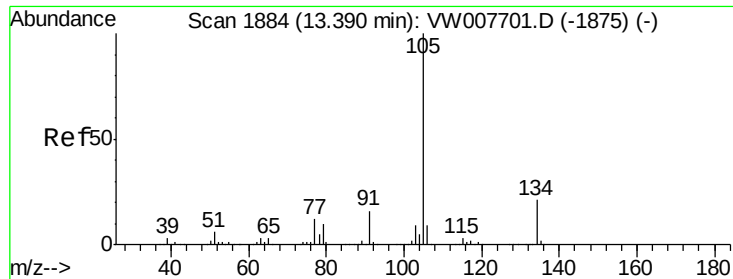
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#84
 1,2,4-Trimethylbenzene
 Concen: 10818.051 ug/l m
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW007761.D
 Acq: 20 Dec 2018 21:26

Tgt Ion:105 Resp:31321244
 Ion Ratio Lower Upper
 105 100
 120 20.8 22.0 66.0#





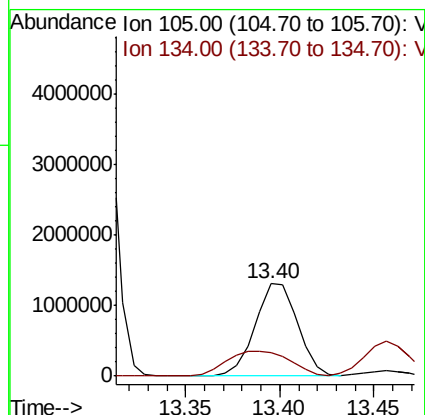
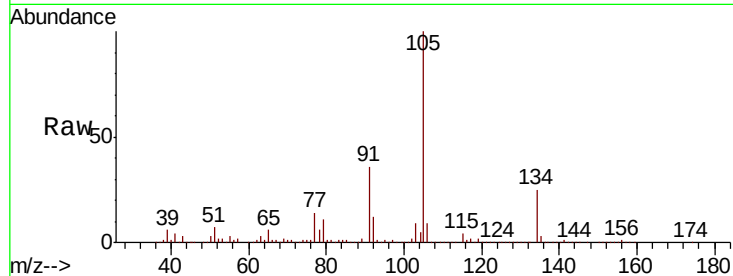
#85
 sec-Butylbenzene
 Concen: 589.940 ug/l
 RT: 13.40 min Scan# 1885
 Delta R.T. 0.01 min
 Lab File: VW007761.D
 Acq: 20 Dec 2018 21:26

Instrument :
 MSVOA_W
 ClientSampleId :
 KY001SB106-121218-(20-22)-FD

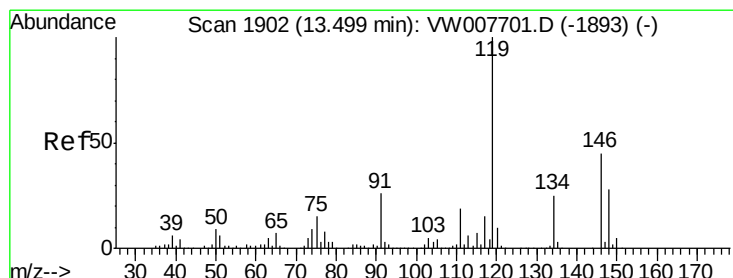
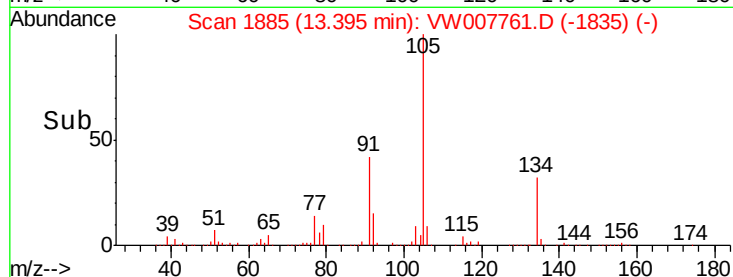
Tgt Ion:105 Resp: 2046907
 Ion Ratio Lower Upper
 105 100
 134 40.3 10.2 30.4#

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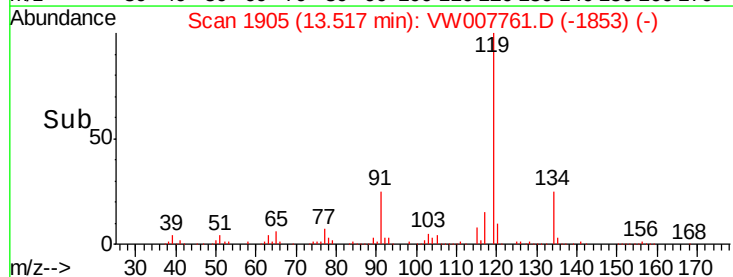
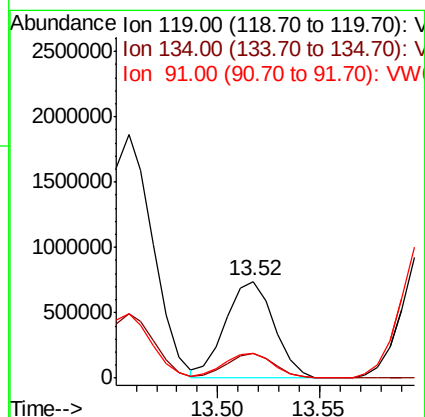
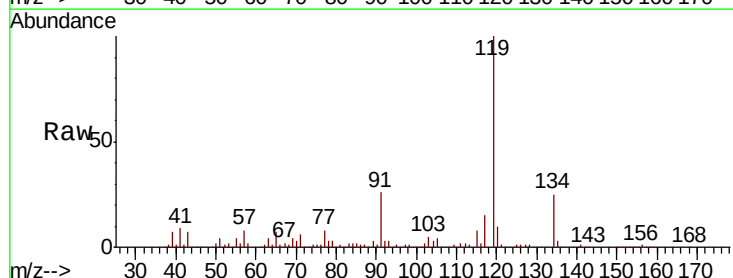


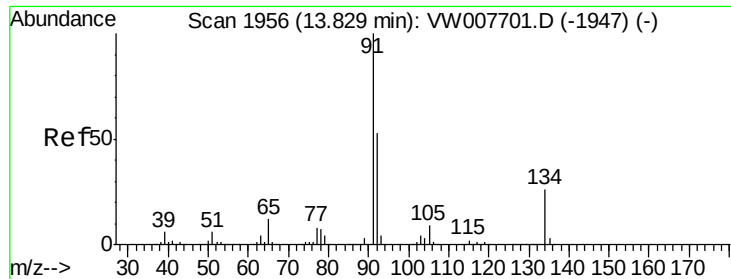
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#86
 p-Isopropyltoluene
 Concen: 387.465 ug/l
 RT: 13.52 min Scan# 1905
 Delta R.T. 0.02 min
 Lab File: VW007761.D
 Acq: 20 Dec 2018 21:26

Tgt Ion:119 Resp: 1222466
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 39.0
 91 25.8 12.8 38.4





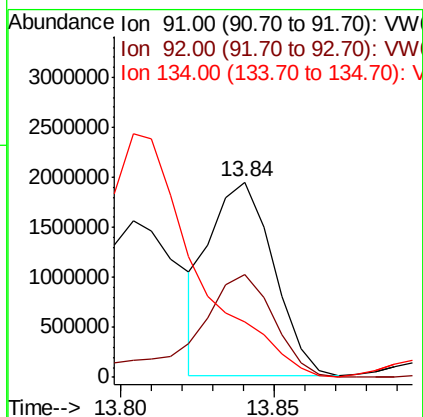
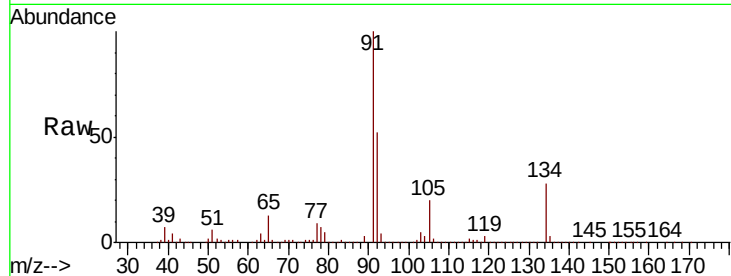
#89
n-Butylbenzene
Concen: 961.038 ug/l
RT: 13.84 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Instrument :
MSVOA_W
ClientSampleId :
KY001SB106-121218-(20-22)-FD

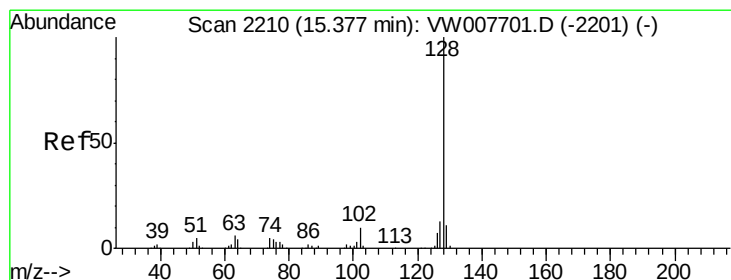
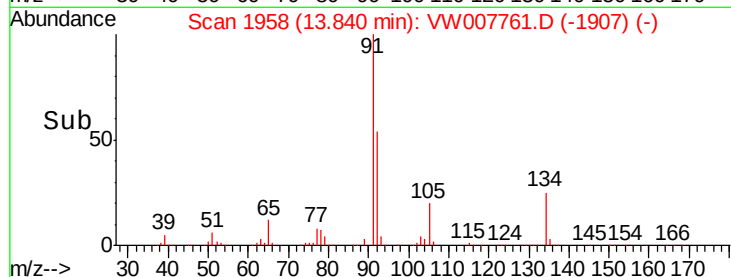
Tgt Ion: 91 Resp: 2780066
Ion Ratio Lower Upper
91 100
92 65.4 26.4 79.2
134 0.0 13.7 41.0#

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#95
Naphthalene
Concen: 5038.181 ug/l
RT: 15.38 min Scan# 2211
Delta R.T. 0.01 min
Lab File: VW007761.D
Acq: 20 Dec 2018 21:26

Tgt Ion: 128 Resp: 8762429
Ion Ratio Lower Upper
128 100
127 14.3 10.7 16.1
129 11.4 8.8 13.2

