

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006108.D
 Acq On : 17 Oct 2018 06:05
 Operator : VA/AP
 Sample : J5539-05
 Misc : 10.41G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1-6-8FT

Quant Time: Oct 17 17:28:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	254704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	381505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	705492	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	97232	46.05	ug/l	0.00
Spiked Amount			Recovery	=	92.10%	
35) Dibromofluoromethane	7.89	113	96865	42.97	ug/l	0.00
Spiked Amount			Recovery	=	85.94%	
50) Toluene-d8	10.33	98	4647852	541.93	ug/l	0.00
Spiked Amount			Recovery	=	1083.86%	
62) 4-Bromofluorobenzene	12.63	95	2497939	775.46	ug/l	0.00
Spiked Amount			Recovery	=	1550.92%	

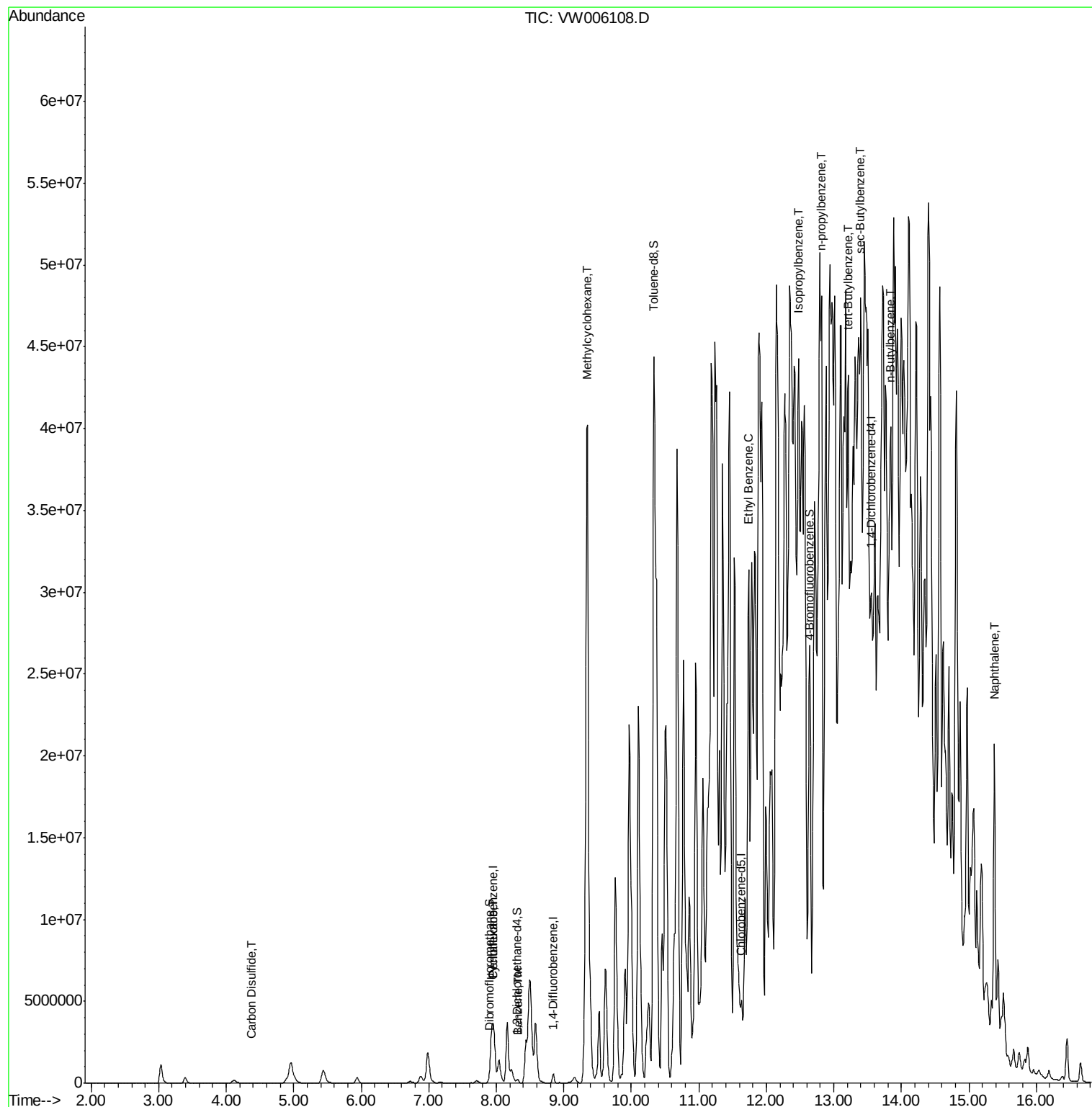
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	4.38	76	23581	3.671	ug/l	99
31) Cyclohexane	7.96	56	2286041	591.624	ug/l	97
39) Methylcyclohexane	9.35	83	22353149	4782.169	ug/l	93
40) Benzene	8.32	78	87215	9.042	ug/l	100
67) Ethyl Benzene	11.74	91	11651637	1064.947	ug/l	93
73) Isopropylbenzene	12.48	105	9617632	192.967	ug/l	95
78) n-propylbenzene	12.82	91	13102722	225.965	ug/l	90
83) tert-Butylbenzene	13.22	119	439061	11.679	ug/l	90
85) sec-Butylbenzene	13.40	105	9888723	186.199	ug/l #	72
89) n-Butylbenzene	13.84	91	7715756	175.632	ug/l #	84
95) Naphthalene	15.38	128	16997216	612.762	ug/l	95

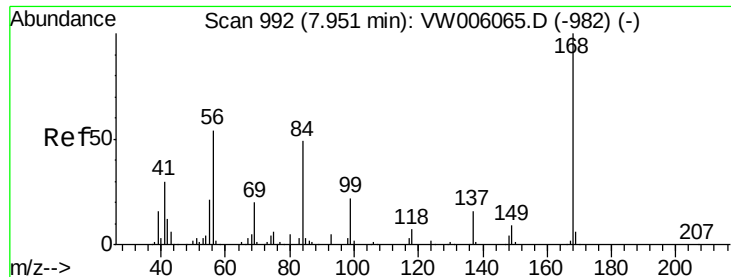
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

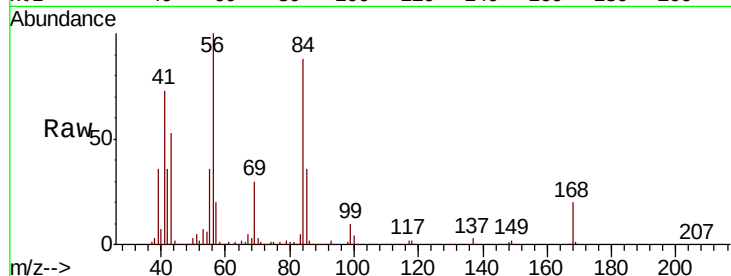
SB-1-6-8FT

Tot Ion:168 Resp: 254704

Ion Ratio Lower Upper

168 100

99 50.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

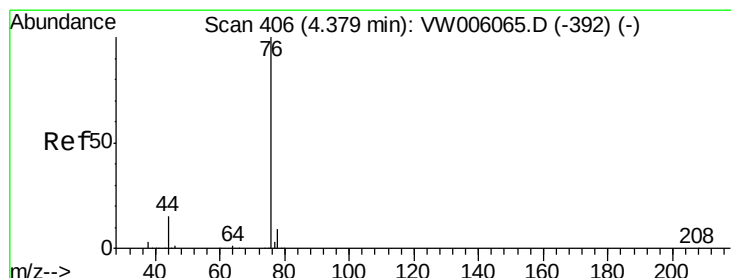
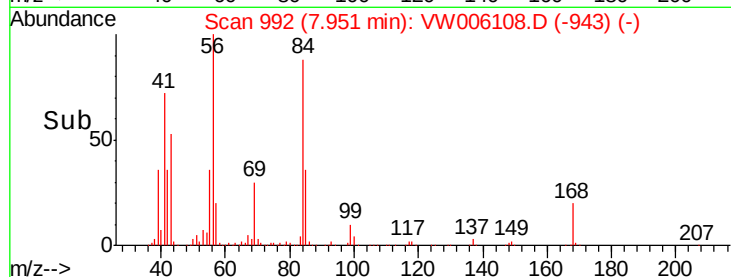
7.95

100000

50000

0

Time-->



#17

Carbon Disulfide

Concen: 3.671 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW006108.D

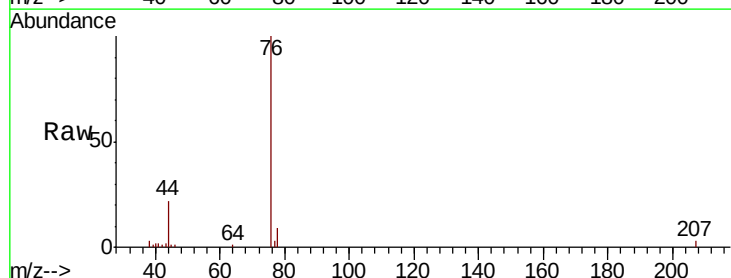
Acq: 17 Oct 2018 06:05

Tgt Ion: 76 Resp: 23581

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

8000

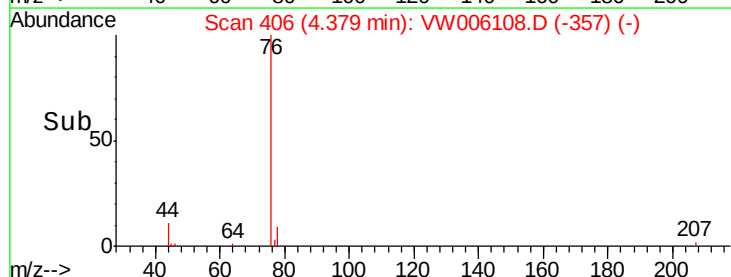
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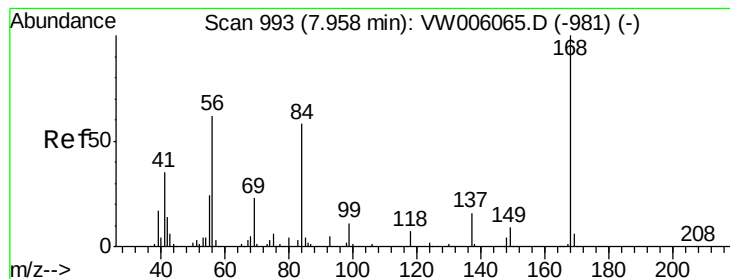
4000

2000

0

Time-->





#31

Cyclohexane

Concen: 591.624 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

SB-1-6-8FT

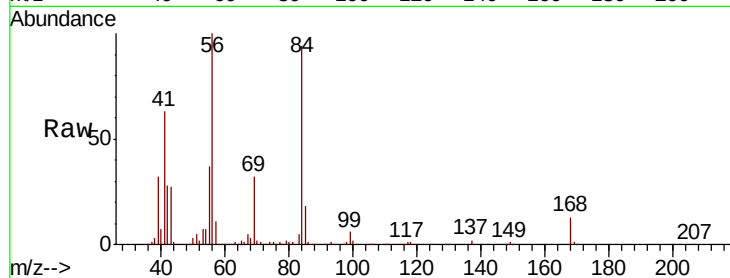
Tot Ion: 56 Resp: 2286041

Ion Ratio Lower Upper

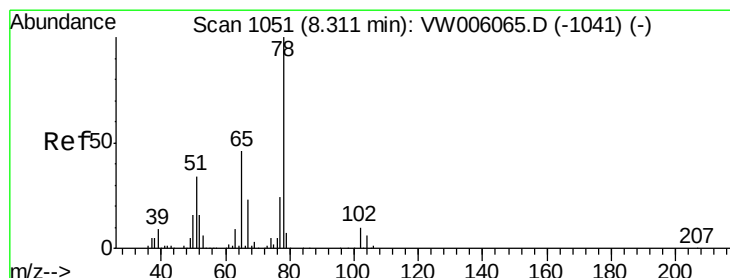
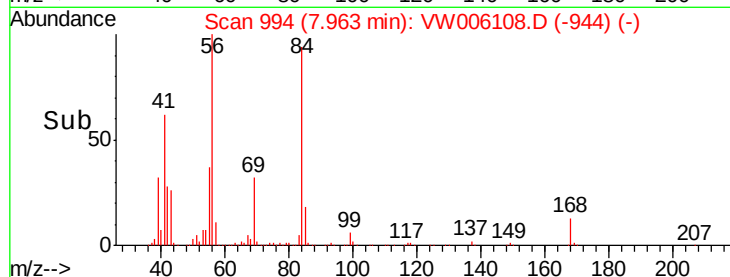
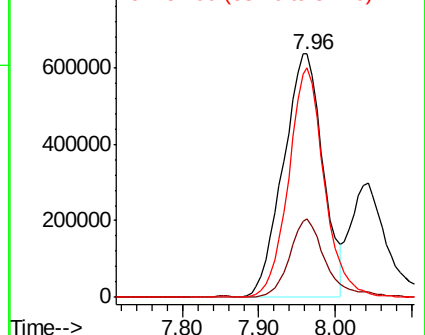
56 100

69 32.1 29.4 44.0

84 94.0 74.0 111.0



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#33

1,2-Dichloroethane-d4

Concen: 46.046 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006108.D

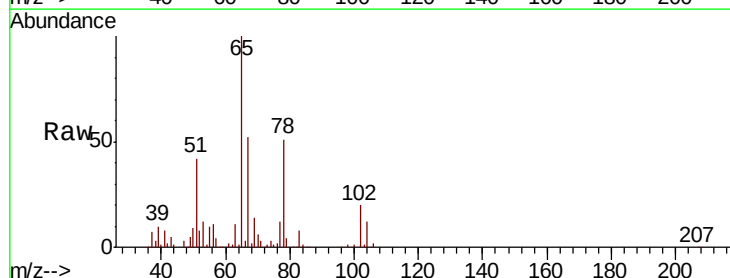
Acq: 17 Oct 2018 06:05

Tgt Ion: 65 Resp: 97232

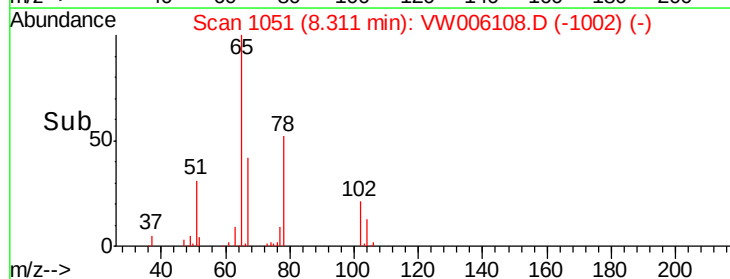
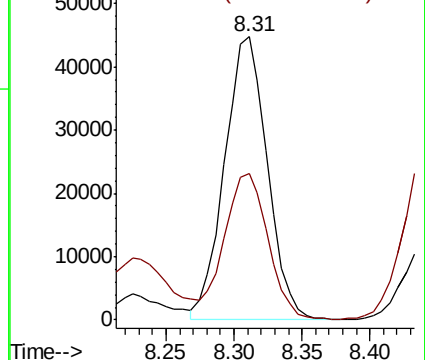
Ion Ratio Lower Upper

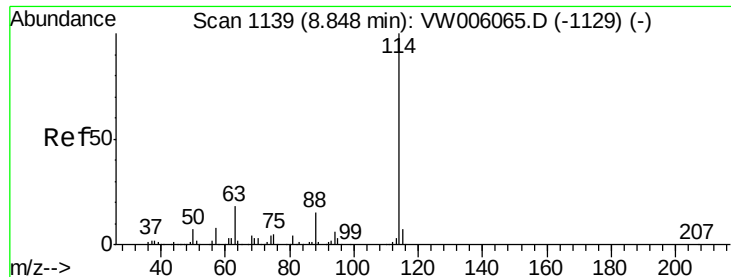
65 100

67 52.6 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

SB-1-6-8FT

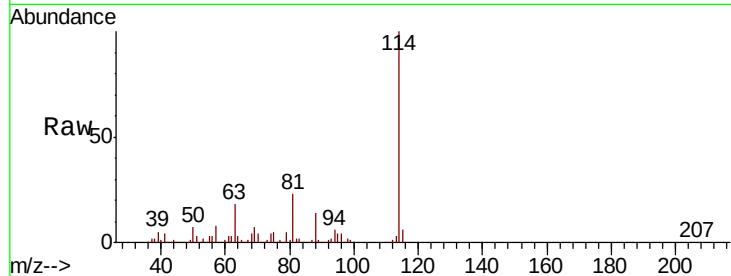
Tot Ion:114 Resp: 381505

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

88 14.3 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

250000

200000

150000

100000

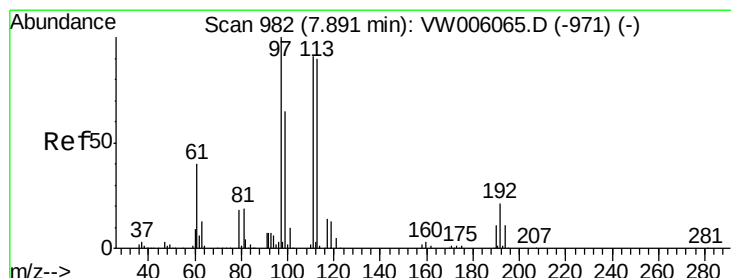
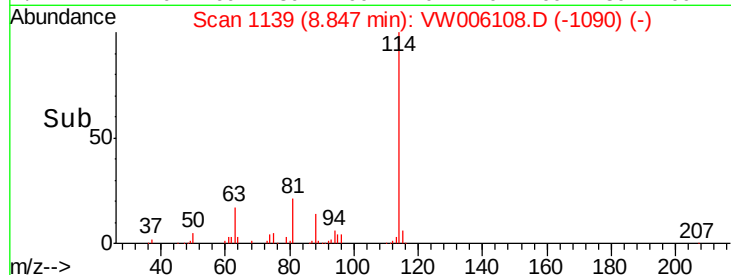
50000

0

8.80

8.90

Time-->



#35

Dibromofluoromethane

Concen: 42.969 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

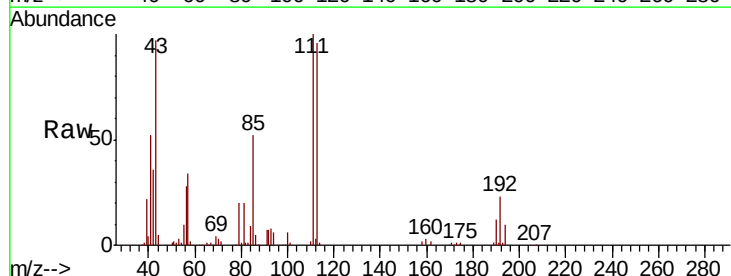
Tgt Ion:113 Resp: 96865

Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 23.8 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

50000

40000

30000

20000

10000

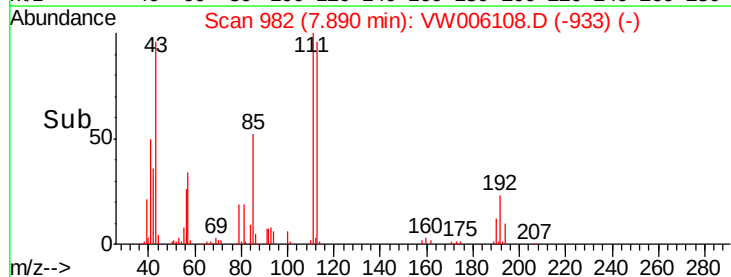
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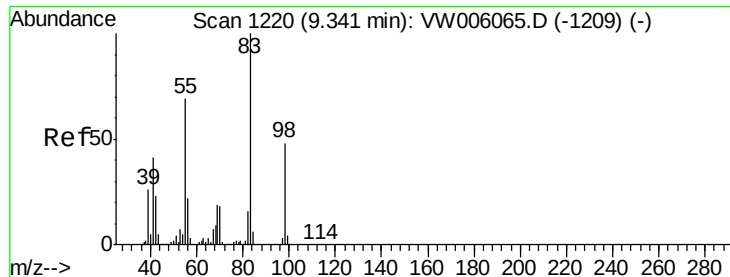
7.80

7.90

8.00

Time-->



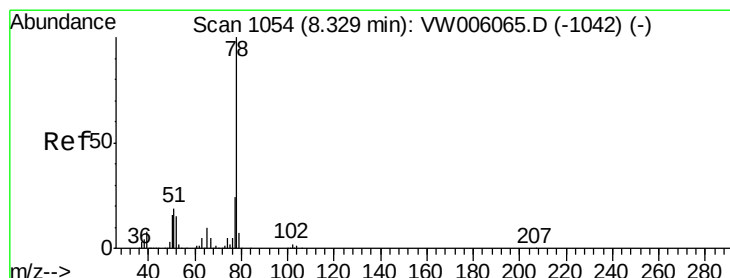
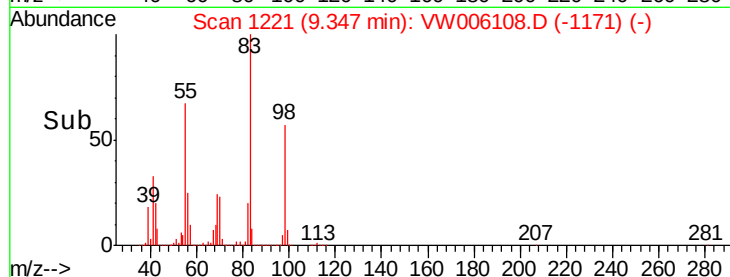
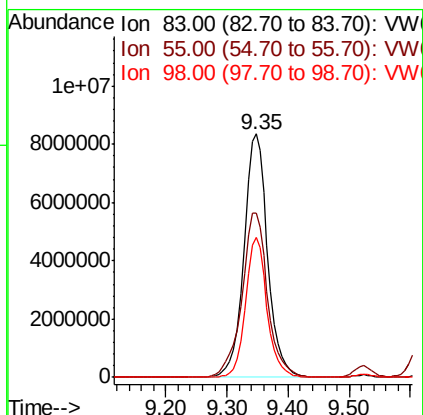
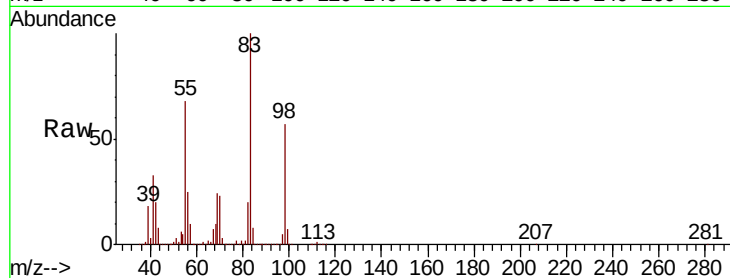


#39
Methylcyclohexane
Concen: 4782.169 ug/l
RT: 9.35 min Scan# 1221
Delta R.T. 0.01 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Instrument :
MSVOA_W
ClientSampleId :
SB-1-6-8FT

Tot Ion: 83 Resp: 22353149

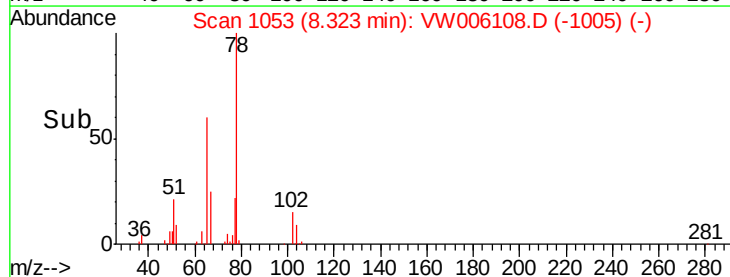
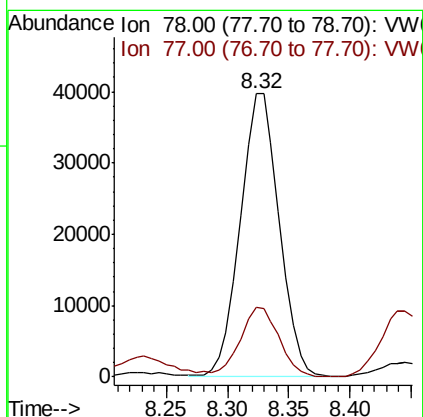
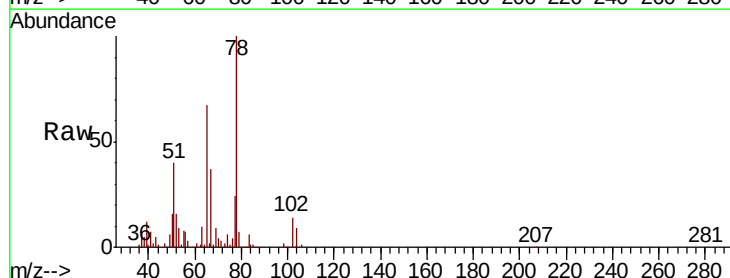
Ion	Ratio	Lower	Upper
83	100		
55	67.5	55.0	82.6
98	57.5	38.6	57.8

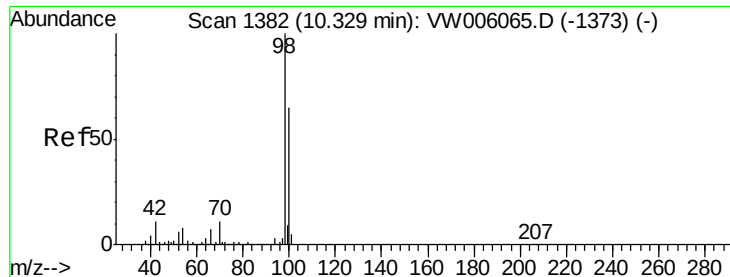


#40
Benzene
Concen: 9.042 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Tgt Ion: 78 Resp: 87215

Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.0





#50

Toluene-d8

Concen: 541.930 ug/l

RT: 10.33 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

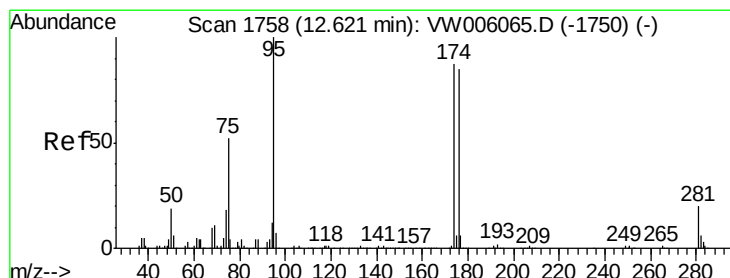
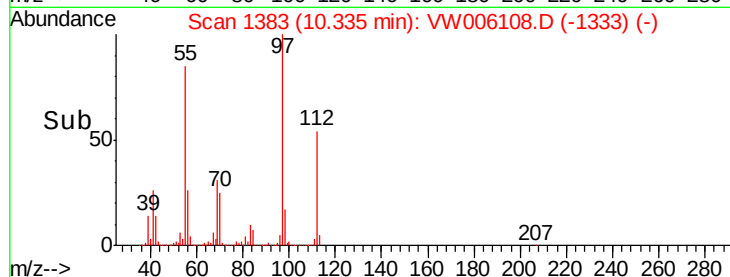
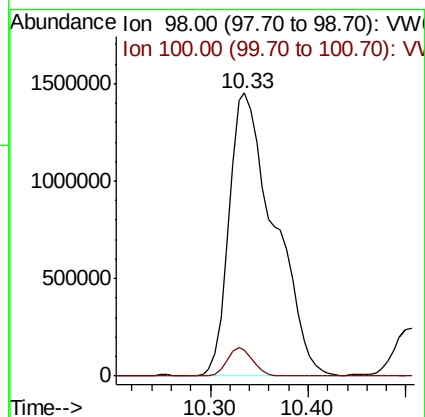
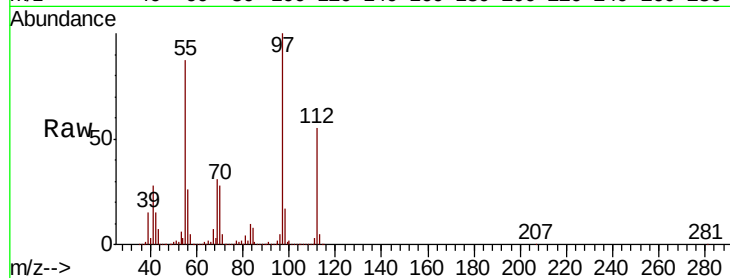
SB-1-6-8FT

Tot Ion: 98 Resp: 4647852

Ion Ratio Lower Upper

98 100

100 5.6 51.6 77.4#



#62

4-Bromofluorobenzene

Concen: 775.463 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

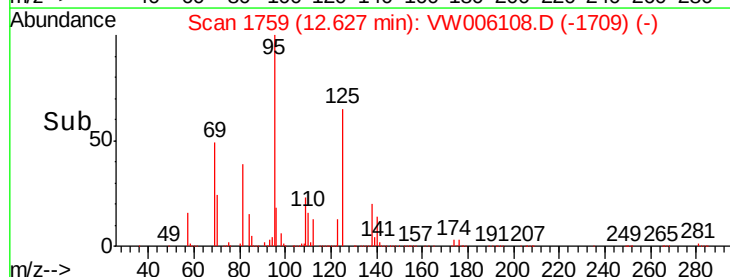
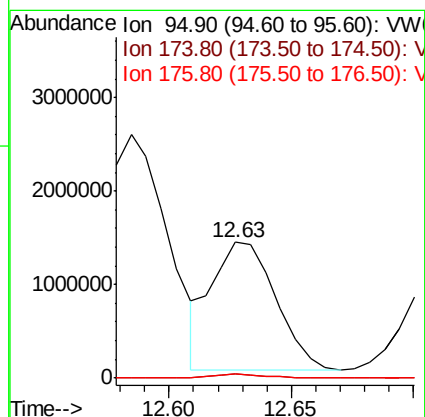
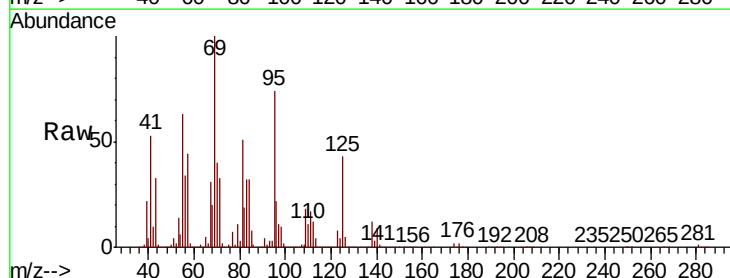
Tgt Ion: 95 Resp: 2497939

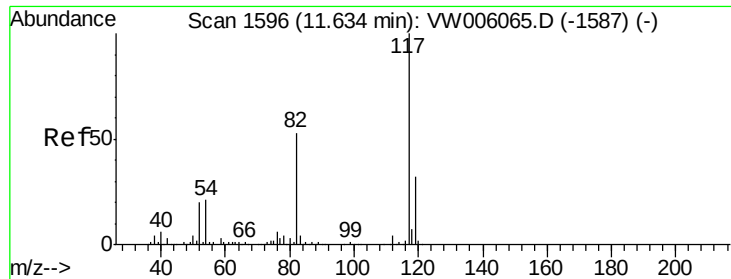
Ion Ratio Lower Upper

95 100

174 2.7 0.0 186.0

176 2.6 0.0 181.6

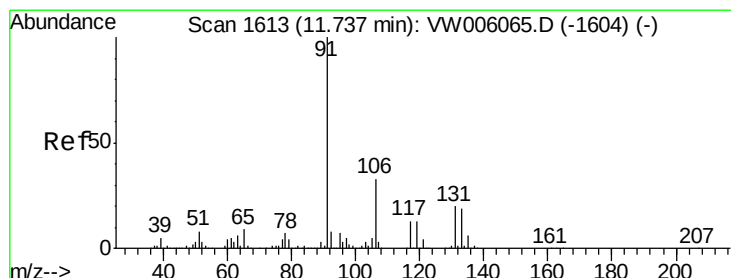
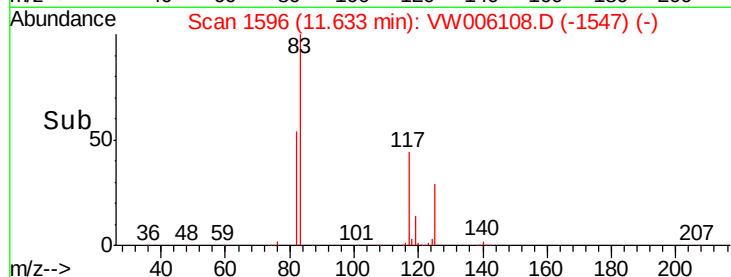
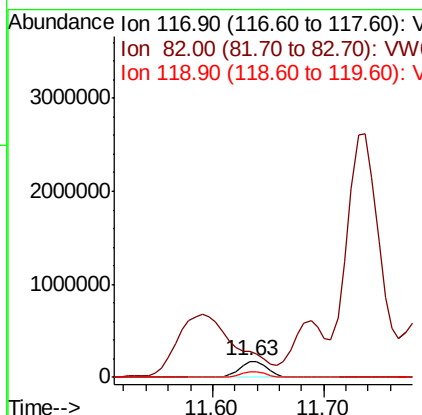
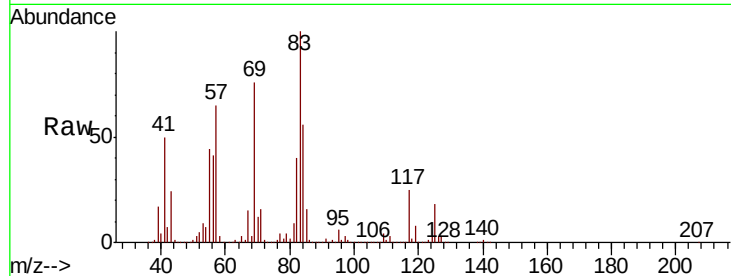




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

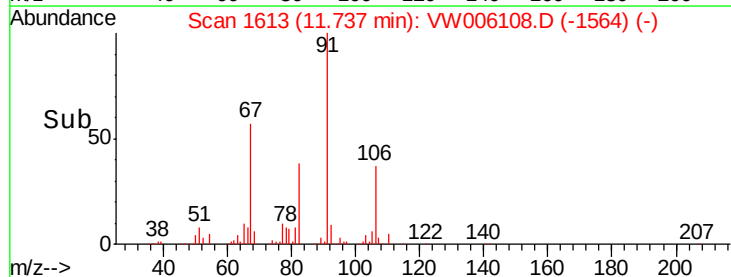
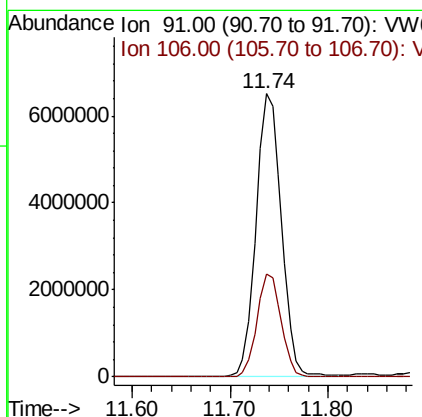
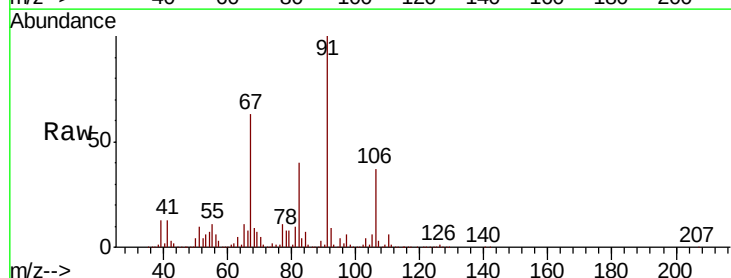
Instrument :
MSVOA_W
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SB-1-6-8FT

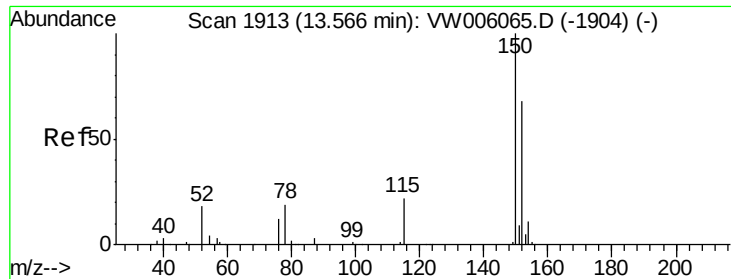
Tot Ion:117 Resp: 294914
Ion Ratio Lower Upper
117 100
82 0.0 42.1 63.1#
119 32.5 25.8 38.6



#67
Ethyl Benzene
Concen: 1064.947 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Tgt Ion: 91 Resp:11651637
Ion Ratio Lower Upper
91 100
106 36.6 26.1 39.1



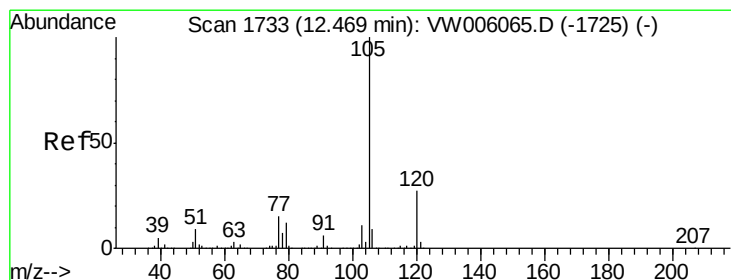
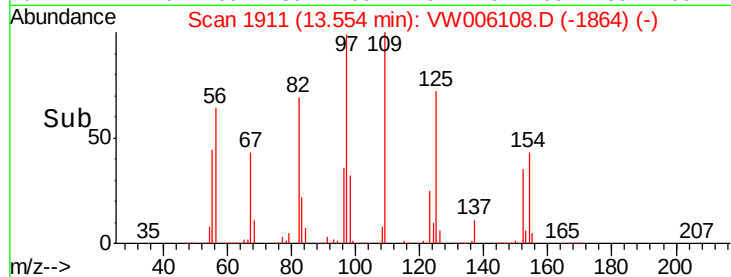
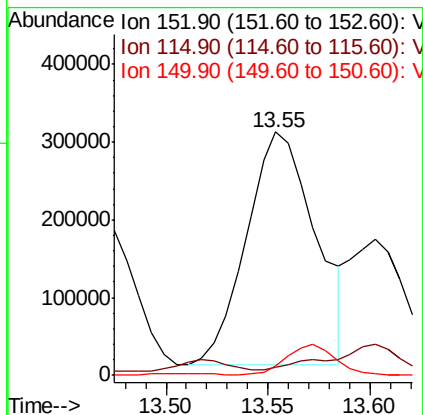
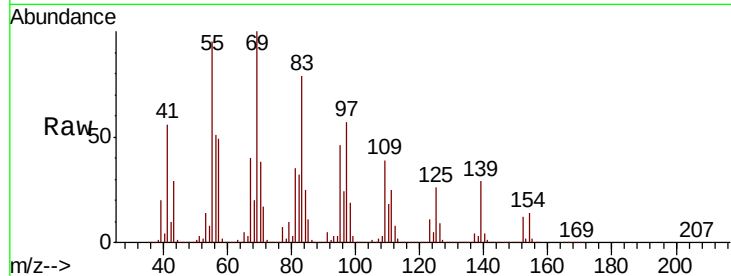


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Instrument :
MSVOA_W
ClientSampled :
SB-1-6-8FT

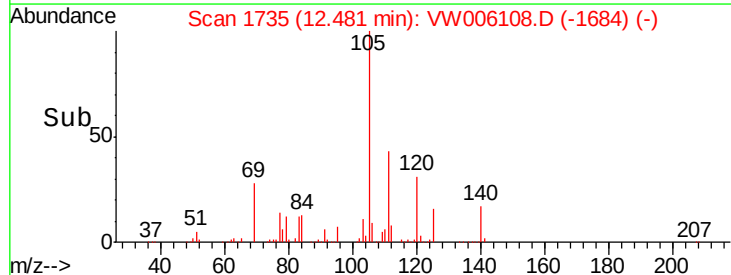
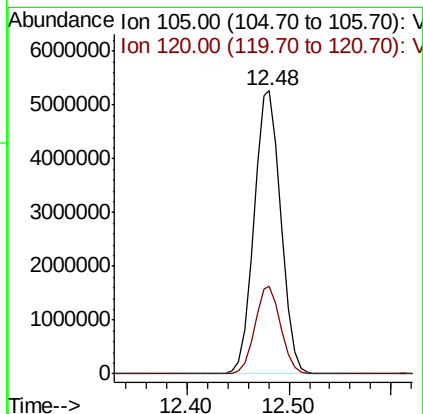
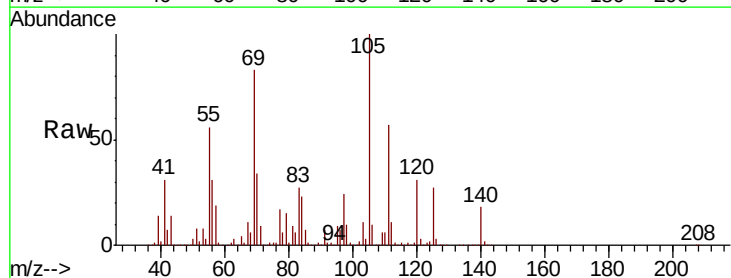
Tot Ion:152 Resp: 705492
Ion Ratio Lower Upper
152 100
115 0.0 27.8 83.3#
150 9.0 0.0 349.2

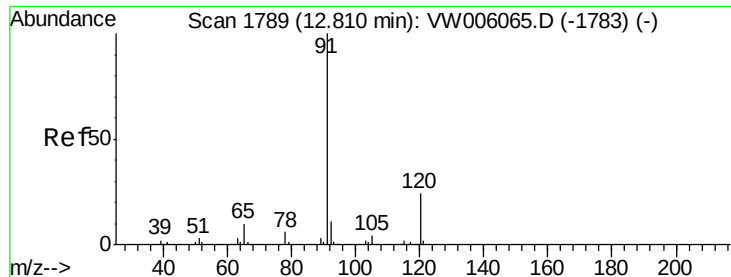


#73

Isopropylbenzene
Concen: 192.967 ug/l
RT: 12.48 min Scan# 1735
Delta R.T. 0.01 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Tgt Ion:105 Resp: 9617632
Ion Ratio Lower Upper
105 100
120 29.8 13.6 40.7





#78

n-propylbenzene

Concen: 225.965 ug/l

RT: 12.82 min Scan# 1791

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampled :

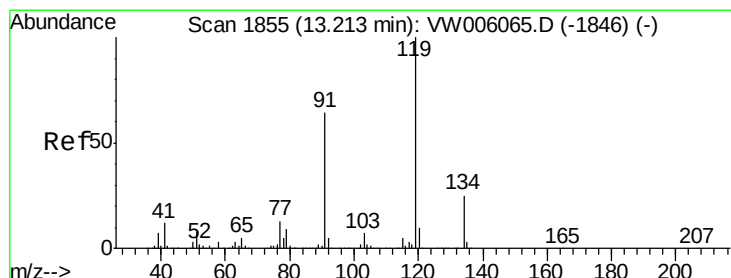
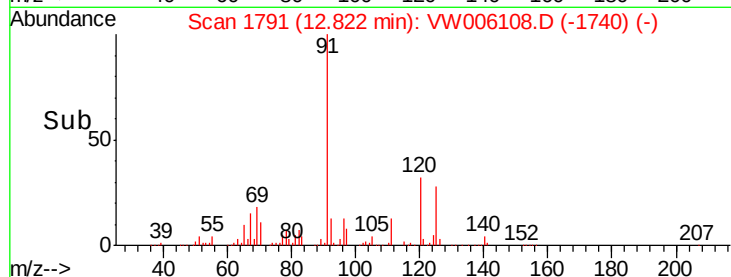
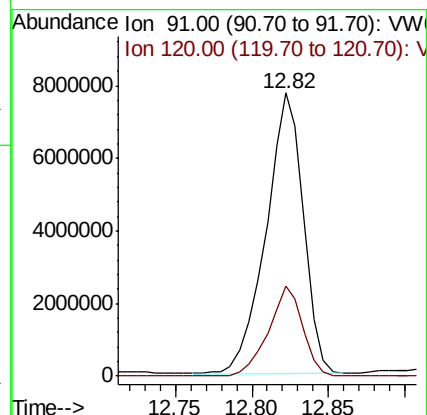
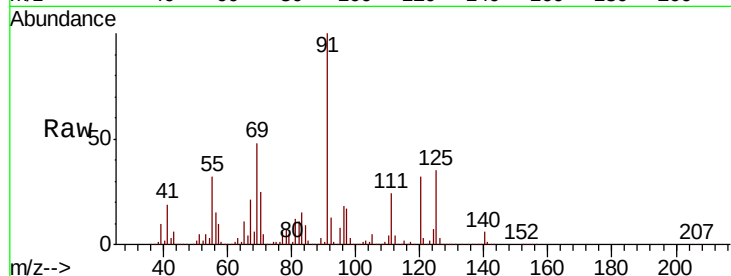
SB-1-6-8FT

Tot Ion: 91 Resp:13102722

Ion Ratio Lower Upper

91 100

120 29.5 12.2 36.6



#83

tert-Butylbenzene

Concen: 11.679 ug/l

RT: 13.22 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

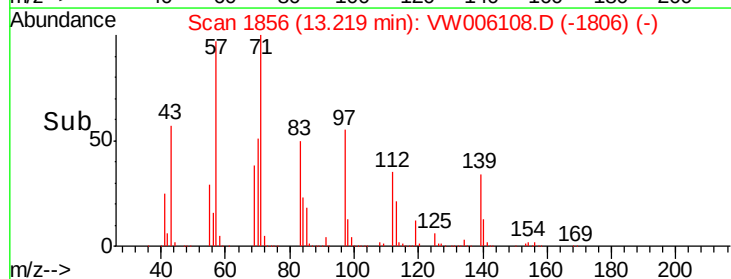
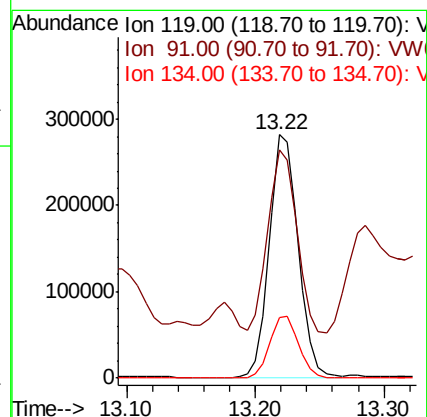
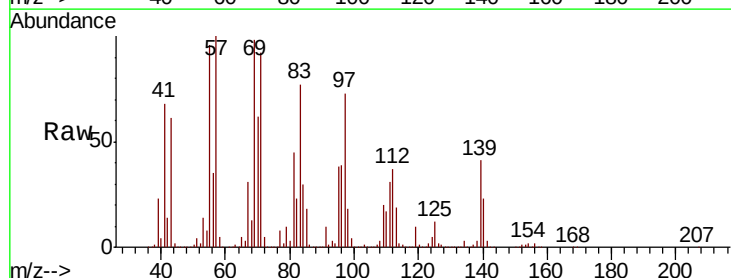
Tgt Ion:119 Resp: 439061

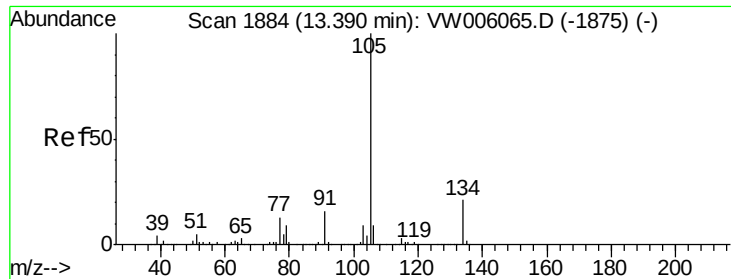
Ion Ratio Lower Upper

119 100

91 74.5 32.3 96.9

134 25.4 13.6 40.8





#85

sec-Butylbenzene

Concen: 186.199 ug/l

RT: 13.40 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

Instrument :

MSVOA_W

ClientSampleId :

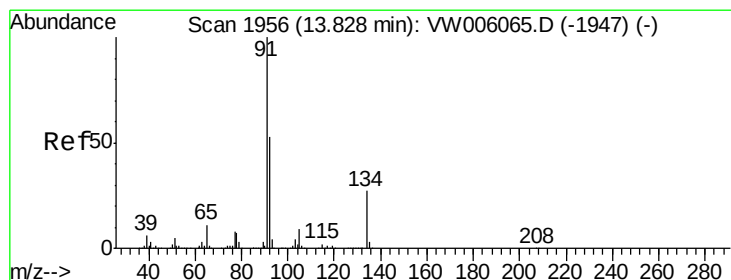
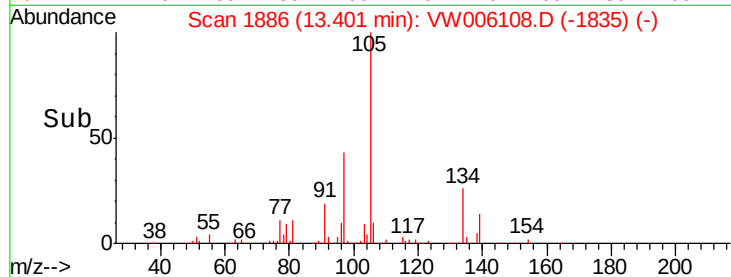
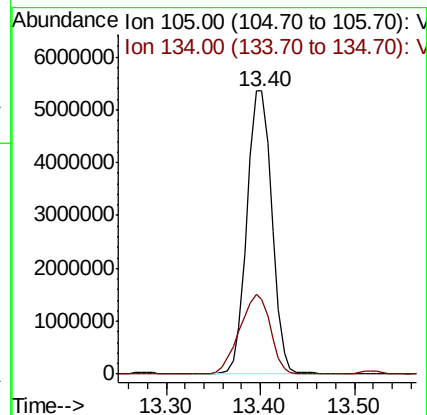
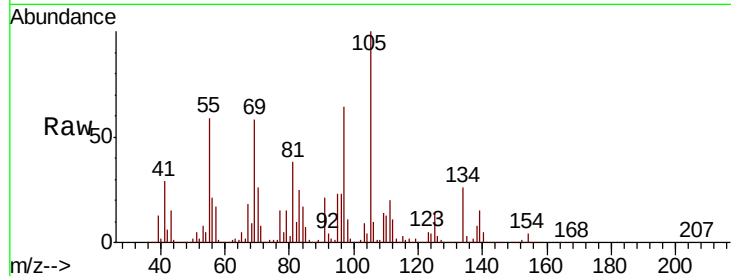
SB-1-6-8FT

Tot Ion:105 Resp: 9888723

Ion Ratio Lower Upper

105 100

134 34.5 10.5 31.6#



#89

n-Butylbenzene

Concen: 175.632 ug/l

RT: 13.84 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VW006108.D

Acq: 17 Oct 2018 06:05

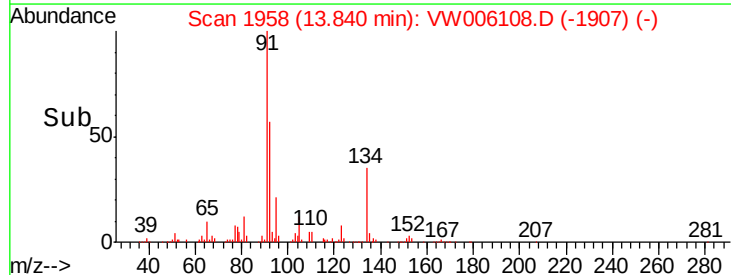
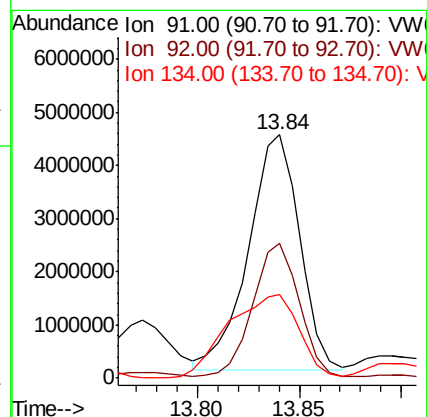
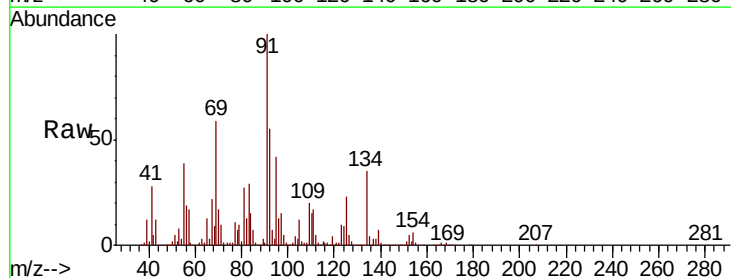
Tgt Ion: 91 Resp: 7715756

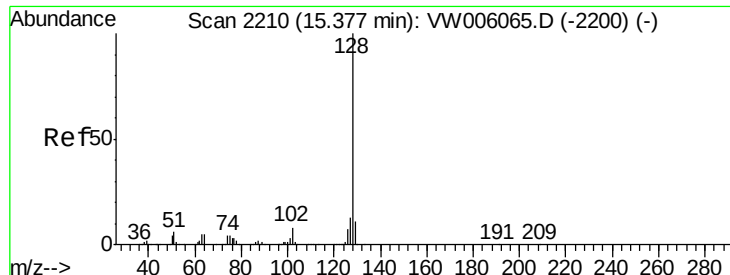
Ion Ratio Lower Upper

91 100

92 50.9 26.6 79.7

134 49.2 14.0 41.9#





#95
Naphthalene
Concen: 612.762 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006108.D
Acq: 17 Oct 2018 06:05

Instrument :
MSVOA_W
ClientSampleId :
SB-1-6-8FT

Tot Ion:128 Resp:16997216
Ion Ratio Lower Upper
128 100
127 14.9 10.3 15.5
129 12.8 8.7 13.1

