

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006254.D
 Acq On : 22 Oct 2018 16:27
 Operator : VA/AP
 Sample : J5610-07
 Misc : 5.38G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

Quant Time: Oct 23 04:34:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

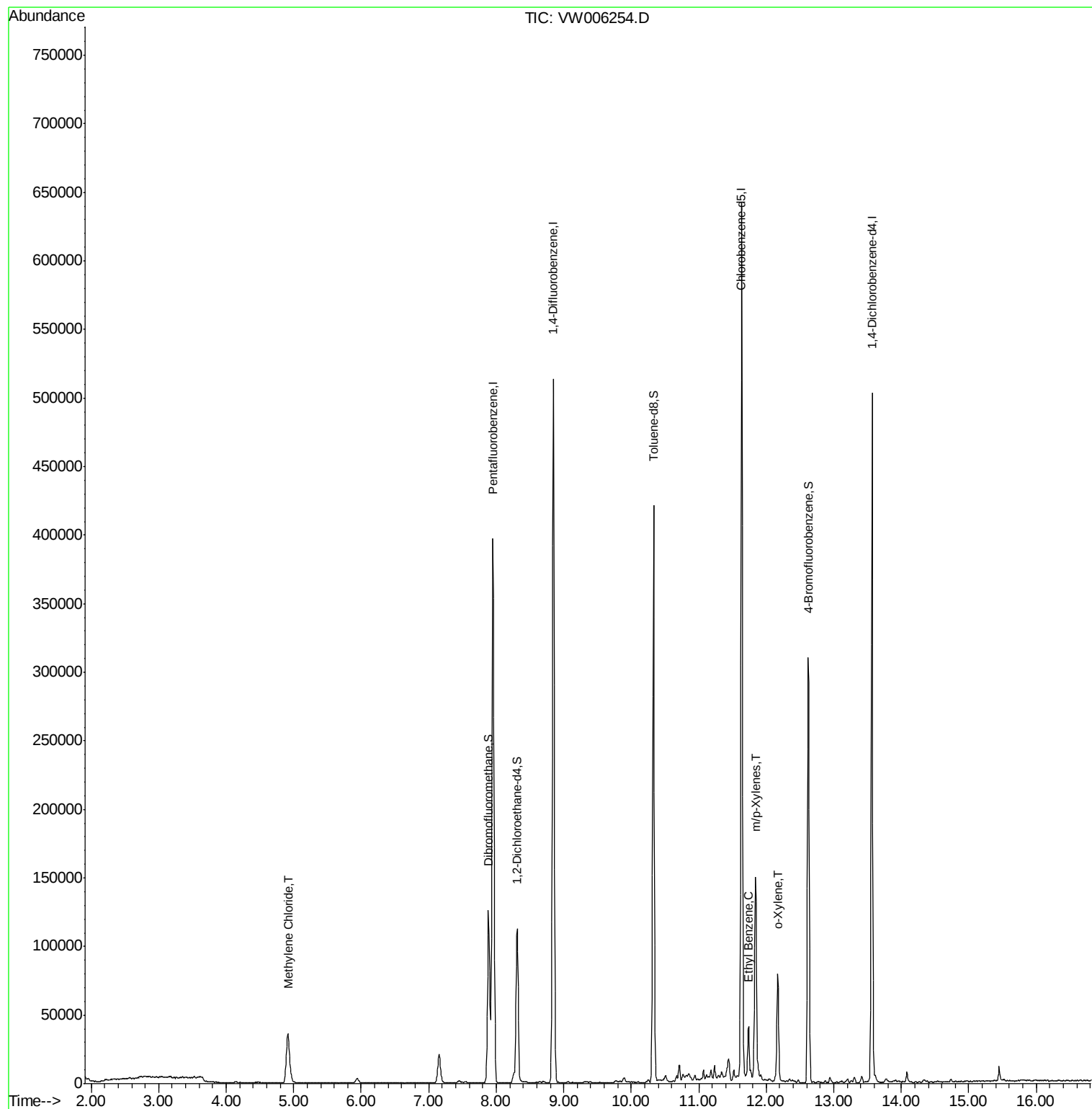
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	462167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	137273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	89886	34.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.44%	
35) Dibromofluoromethane	7.89	113	89428	32.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.50%	
50) Toluene-d8	10.33	98	282448	27.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.38%	
62) 4-Bromofluorobenzene	12.62	95	92498	23.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.40%	
Target Compounds						
20) Methylene Chloride	4.92	84	32061	10.241	ug/l	96
67) Ethyl Benzene	11.74	91	26726	1.937	ug/l	99
68) m/p-Xylenes	11.84	106	44337	8.129	ug/l	98
69) o-Xylene	12.17	106	20298	3.905	ug/l	96

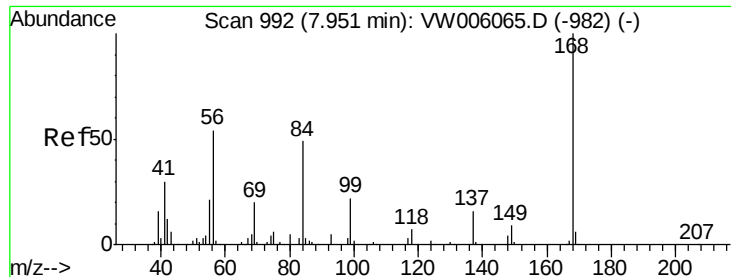
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006254.D

Acq: 22 Oct 2018 16:27

Instrument :

MSVOA_W

ClientSampleId :

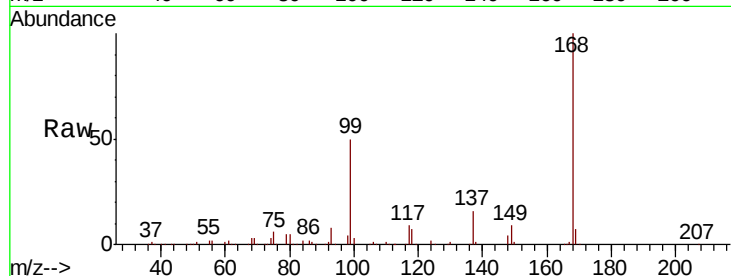
SB-4(0-2)

Tot Ion:168 Resp: 316849

Ion Ratio Lower Upper

168 100

99 49.6 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

150000

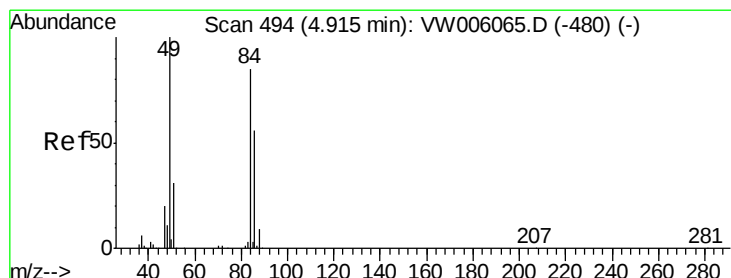
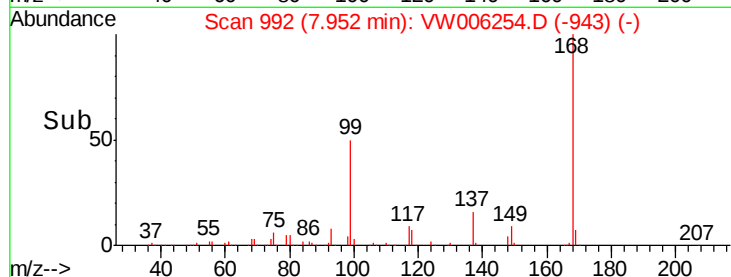
100000

50000

0

7.90 8.00

Time-->



#20

Methylene Chloride

Concen: 10.241 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006254.D

Acq: 22 Oct 2018 16:27

Tgt Ion: 84 Resp: 32061

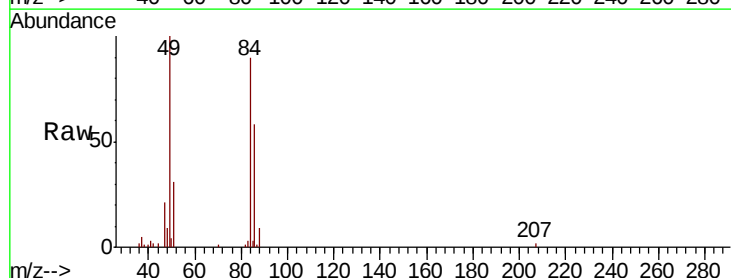
Ion Ratio Lower Upper

84 100

49 110.7 93.6 140.4

51 33.9 29.0 43.4

86 64.3 52.6 79.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

15000

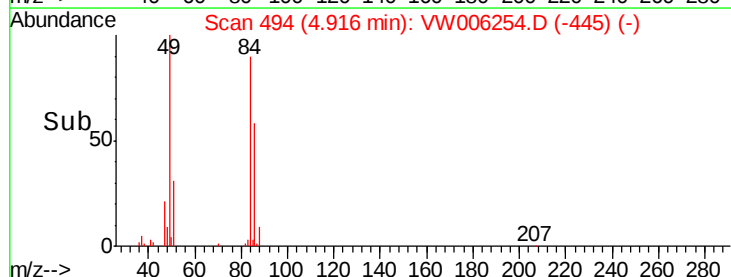
10000

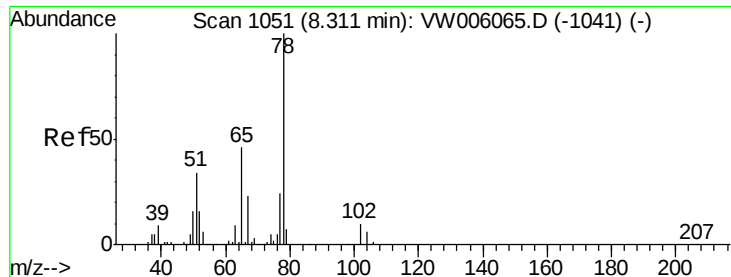
5000

0

4.80 4.90 5.00 5.10

Time-->

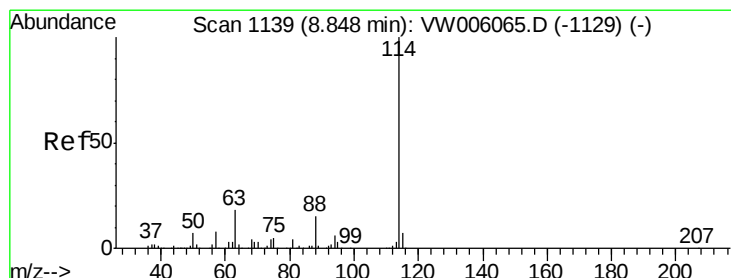
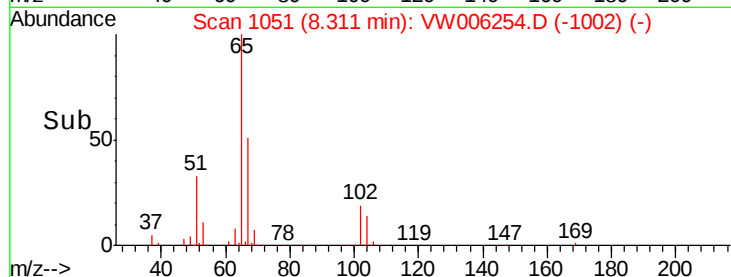
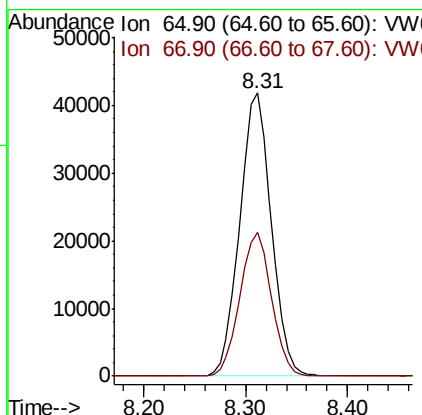
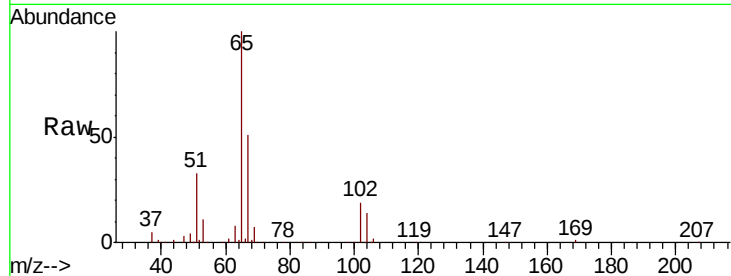




#33
 1,2-Dichloroethane-d4
 Concen: 34.218 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006254.D
 Acq: 22 Oct 2018 16:27

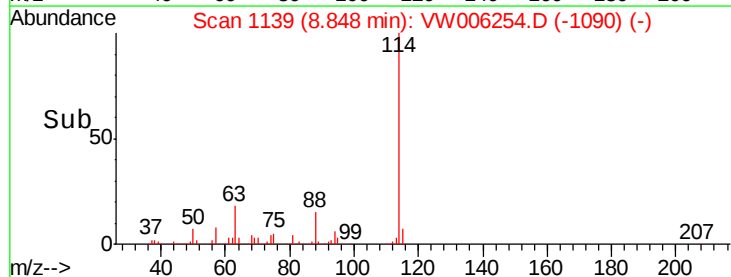
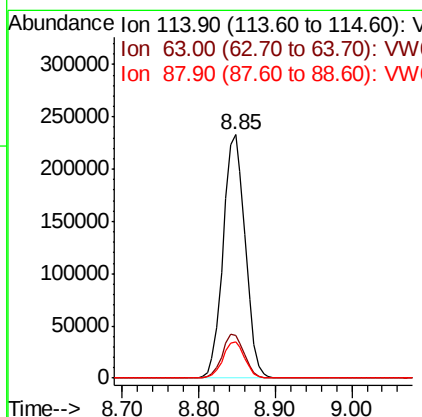
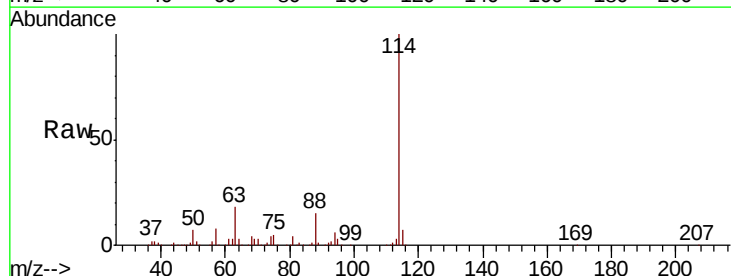
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(0-2)

Tot Ion: 65 Resp: 89886
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006254.D
 Acq: 22 Oct 2018 16:27

Tgt Ion: 114 Resp: 462167
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.8
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 32.746 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006254.D

Acq: 22 Oct 2018 16:27

Instrument :

MSVOA_W

ClientSampleId :

SB-4(0-2)

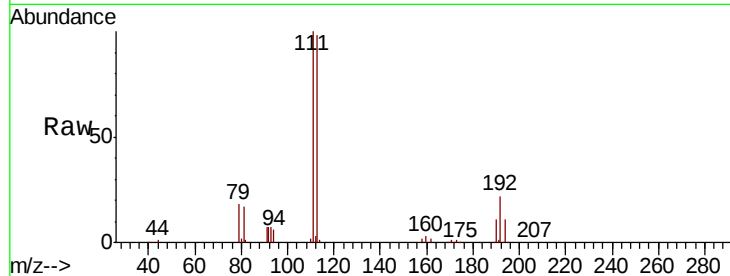
Tot Ion:113 Resp: 89428

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

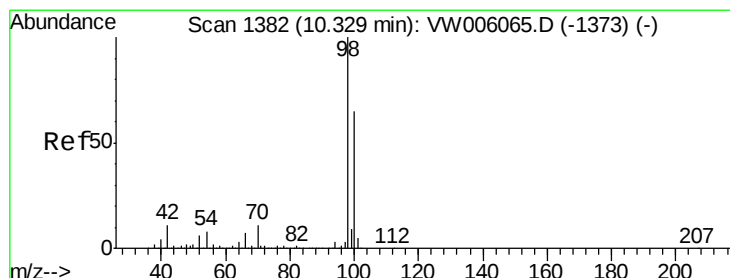
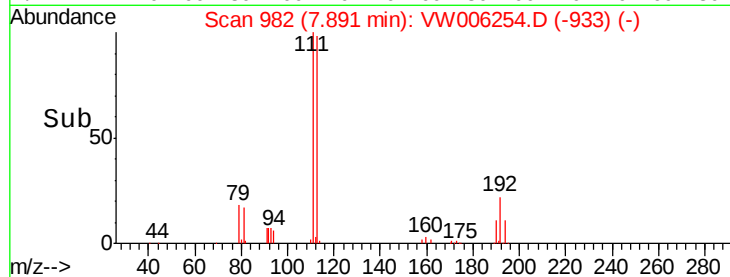
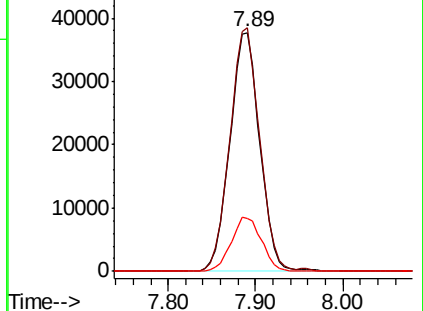
192 23.0 18.7 28.1



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



#50

Toluene-d8

Concen: 27.185 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006254.D

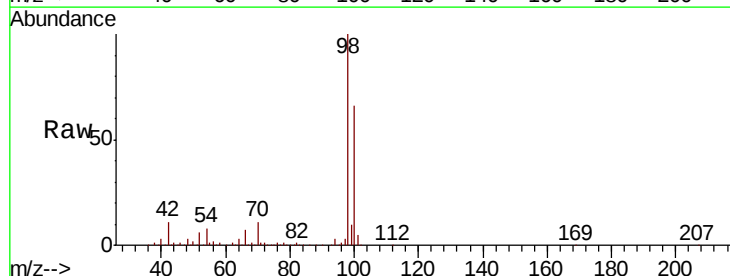
Acq: 22 Oct 2018 16:27

Tgt Ion: 98 Resp: 282448

Ion Ratio Lower Upper

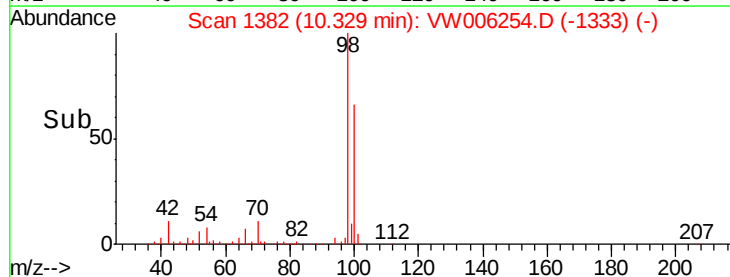
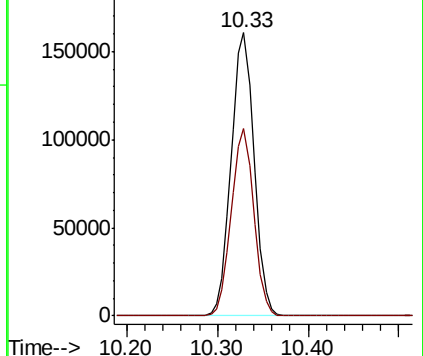
98 100

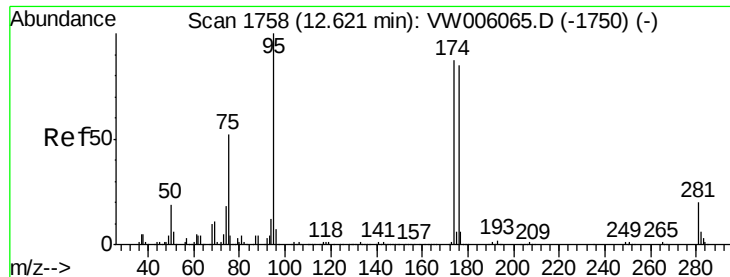
100 65.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 23.704 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006254.D

Acq: 22 Oct 2018 16:27

Instrument :

MSVOA_W

ClientSampleId :

SB-4(0-2)

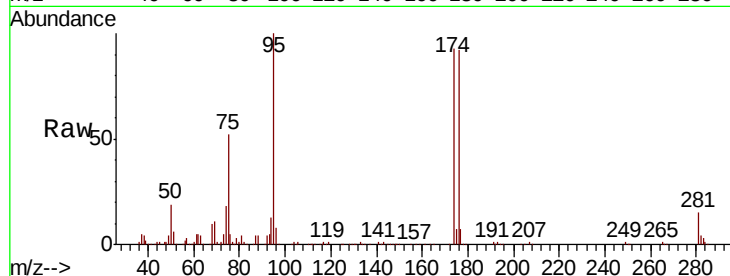
Tot Ion: 95 Resp: 92498

Ion Ratio Lower Upper

95 100

174 95.8 0.0 186.0

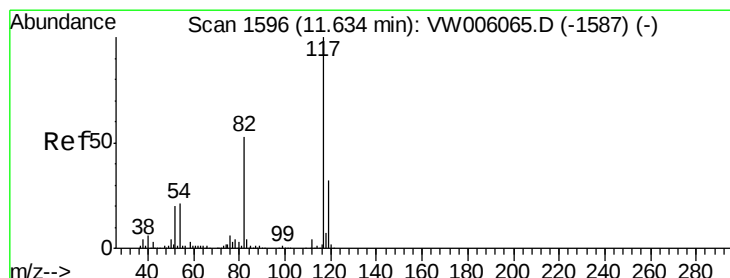
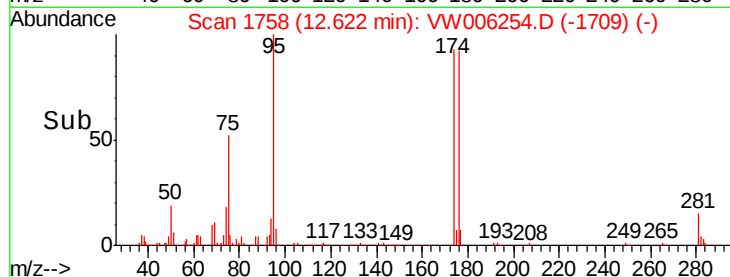
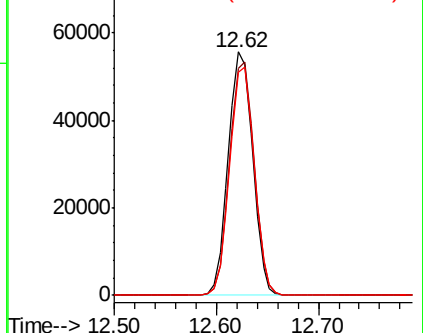
176 93.6 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006254.D

Acq: 22 Oct 2018 16:27

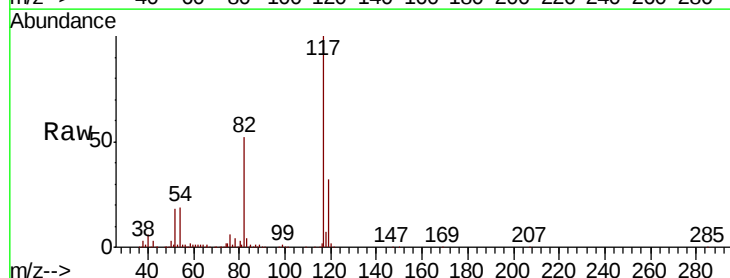
Tgt Ion: 117 Resp: 371954

Ion Ratio Lower Upper

117 100

82 52.4 42.1 63.1

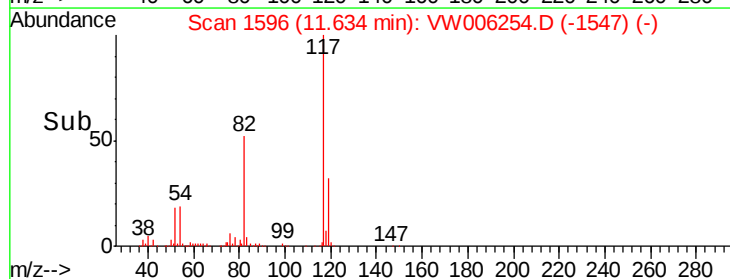
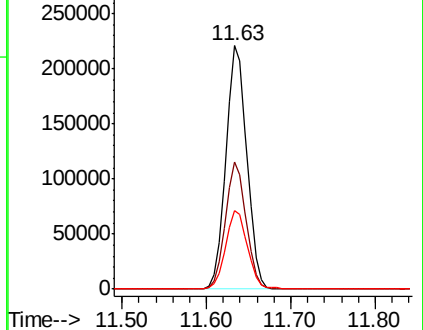
119 32.3 25.8 38.6

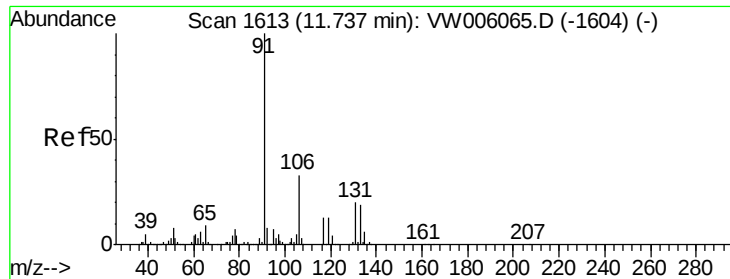


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

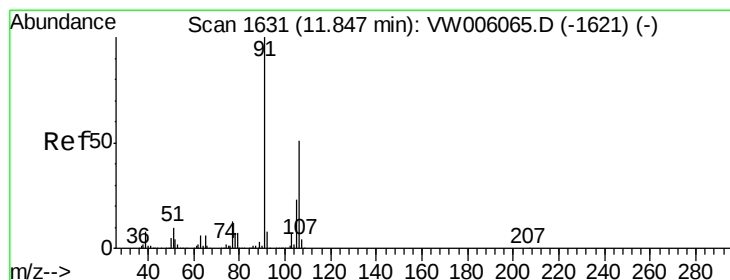
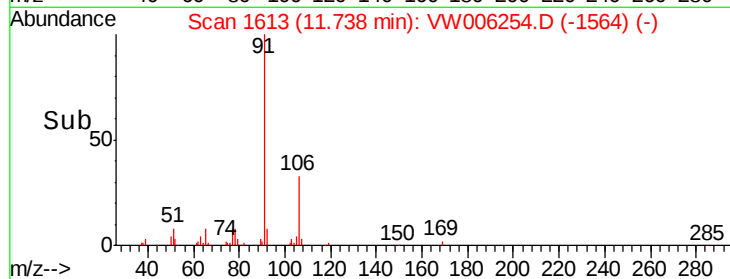
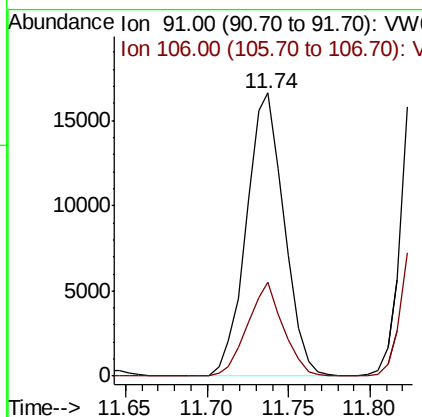
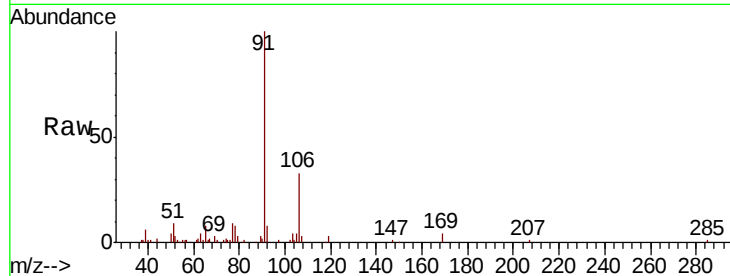




#67
Ethyl Benzene
Concen: 1.937 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

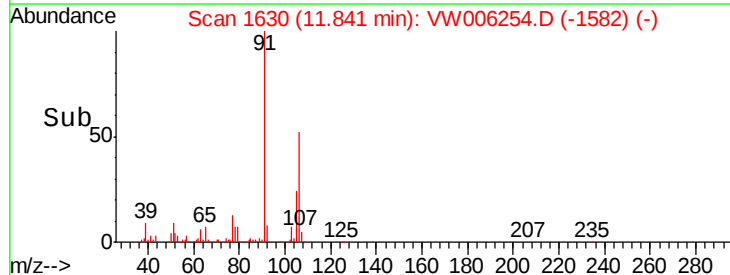
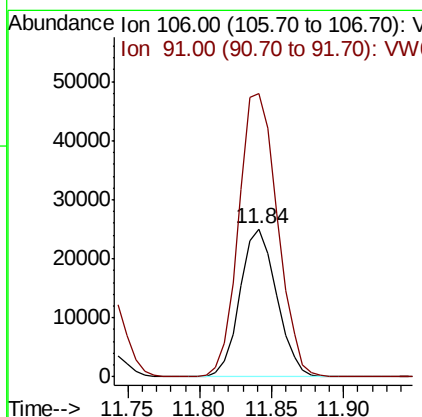
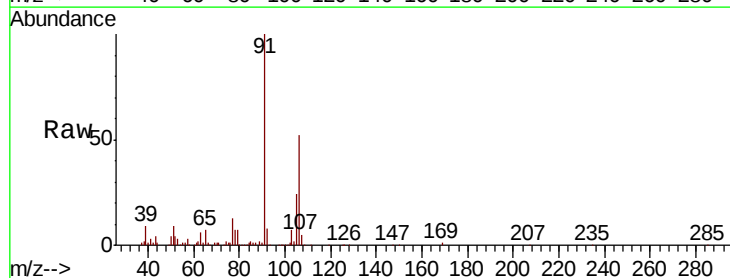
Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)

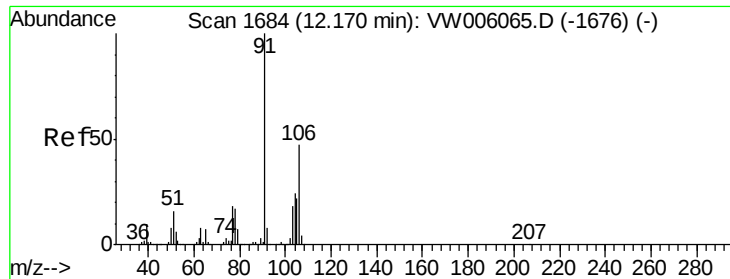
Tot Ion: 91 Resp: 26726
Ion Ratio Lower Upper
91 100
106 33.3 26.1 39.1



#68
m/p-Xylenes
Concen: 8.129 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Tgt Ion: 106 Resp: 44337
Ion Ratio Lower Upper
106 100
91 202.7 159.1 238.7

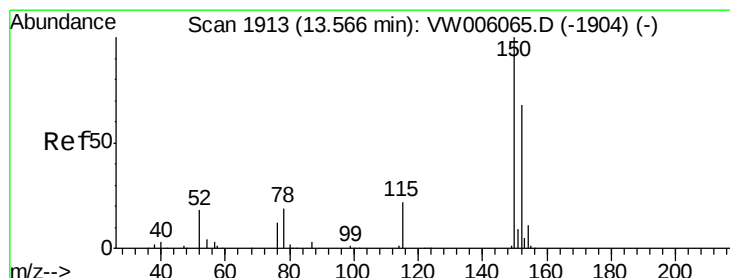
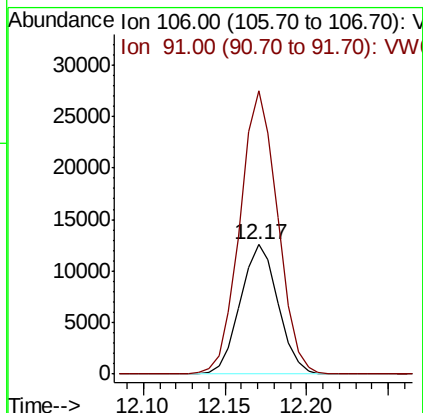
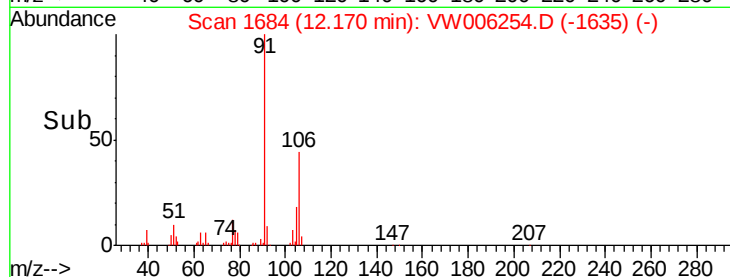
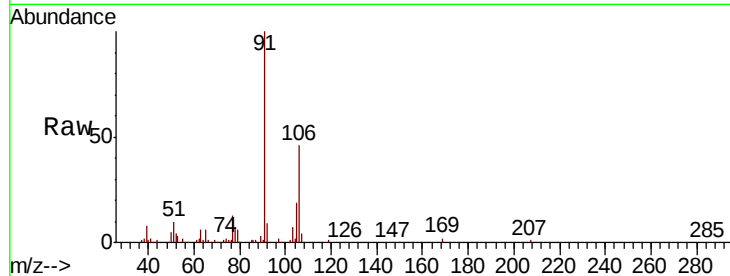




#69
o-Xylene
Concen: 3.905 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Instrument :
MSVOA_W
ClientSampleId :
SB-4(0-2)

Tot Ion:106 Resp: 20298
Ion Ratio Lower Upper
106 100
91 217.5 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006254.D
Acq: 22 Oct 2018 16:27

Tgt Ion:152 Resp: 137273
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.3
150 154.7 0.0 349.2

