

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120618\
 Data File : VW007286.D
 Acq On : 06 Dec 2018 18:43
 Operator : SY/AP
 Sample : J6248-05
 Misc : 5.66G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 4UST-SW-5

Quant Time: Dec 07 01:24:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

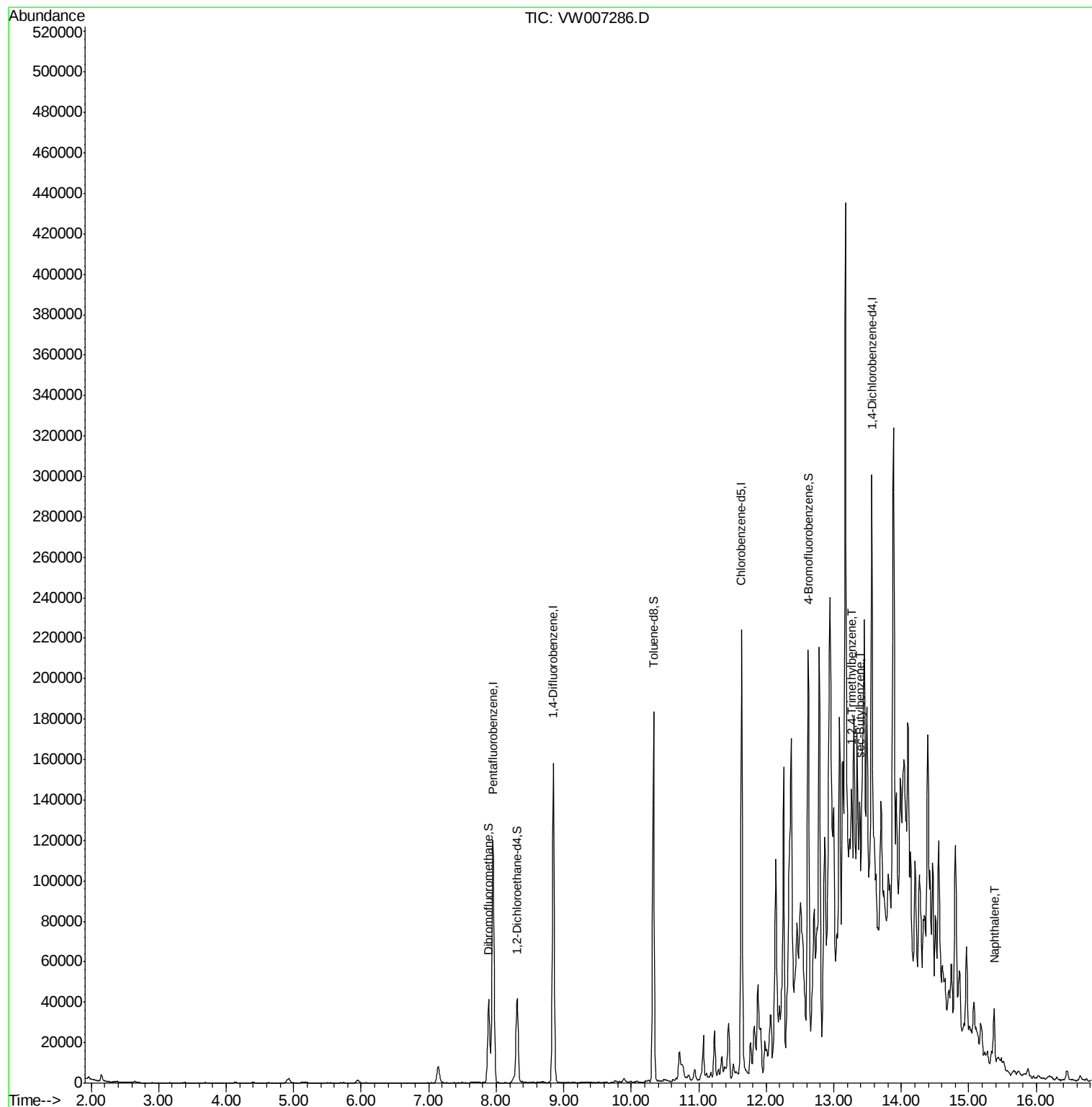
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	136187	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	124445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	64367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35097	42.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.76%	
35) Dibromofluoromethane	7.89	113	30795	39.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.98%	
50) Toluene-d8	10.33	98	126775	36.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.82%	
62) 4-Bromofluorobenzene	12.62	95	50887	39.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.50%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.26	105	28240	6.177	ug/l	96
85) sec-Butylbenzene	13.39	105	5830	1.043	ug/l #	68
95) Naphthalene	15.38	128	25814	10.349	ug/l	95

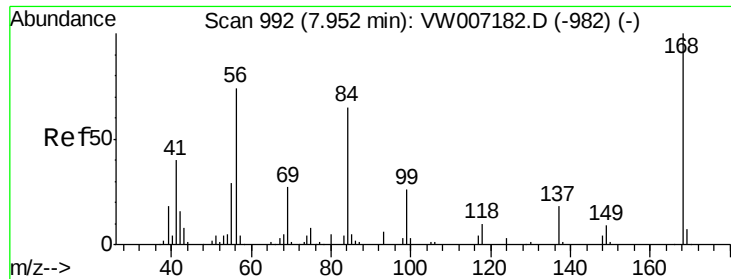
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007286.D

Acq: 06 Dec 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

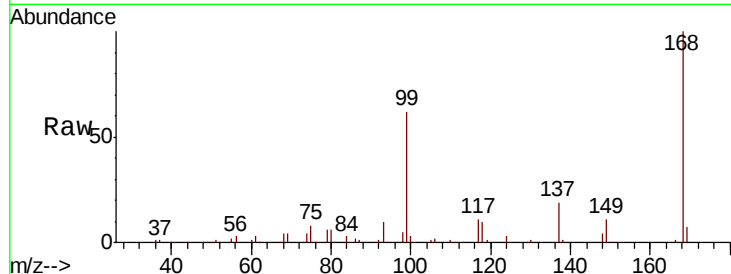
4UST-SW-5

Tot Ion:168 Resp: 87918

Ion Ratio Lower Upper

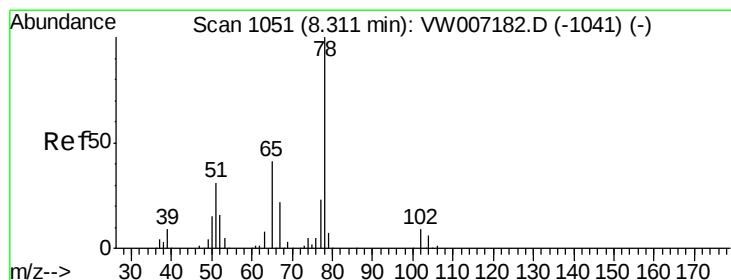
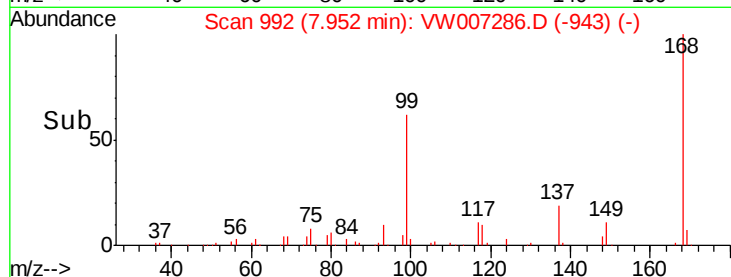
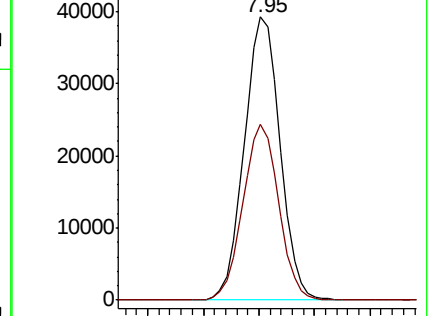
168 100

99 62.2 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 42.877 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007286.D

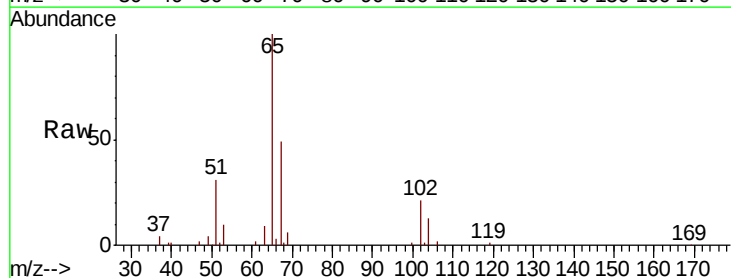
Acq: 06 Dec 2018 18:43

Tgt Ion: 65 Resp: 35097

Ion Ratio Lower Upper

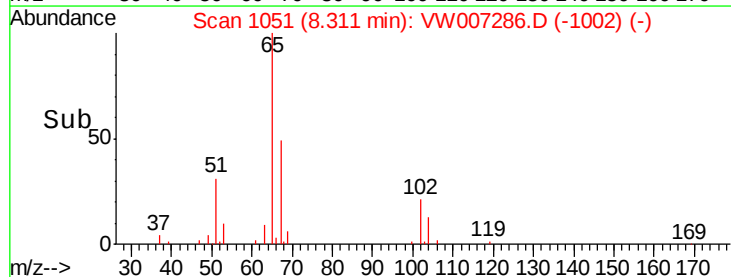
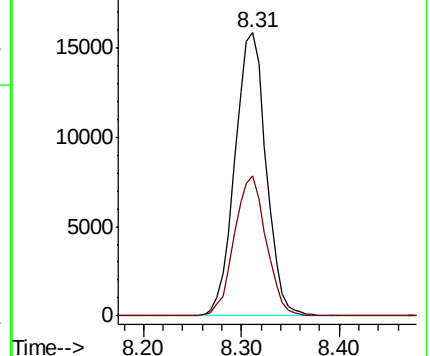
65 100

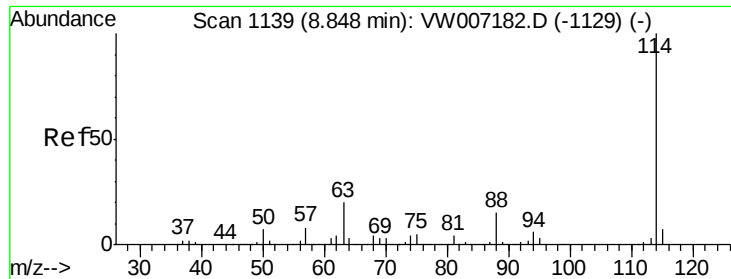
67 50.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

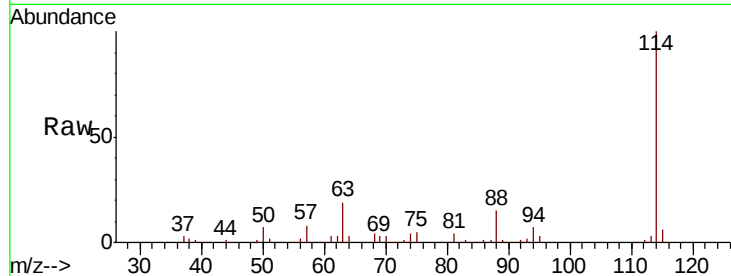




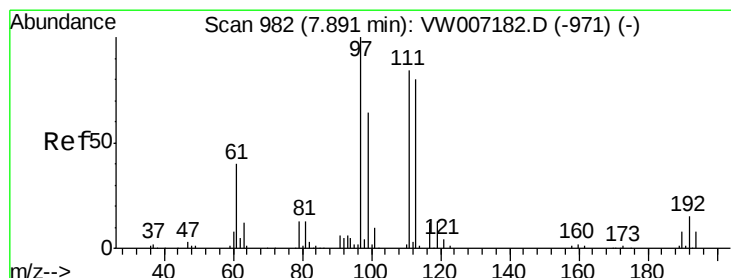
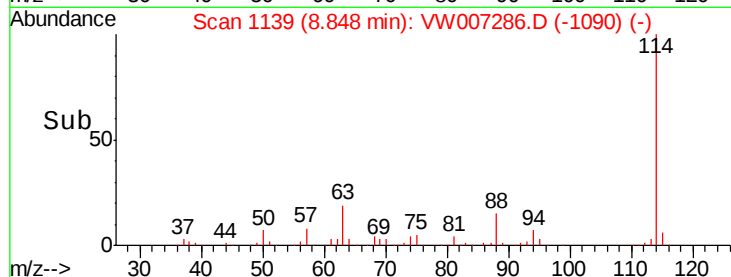
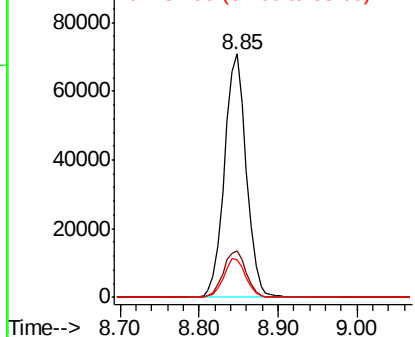
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007286.D
 Acq: 06 Dec 2018 18:43

Instrument :
 MSVOA_W
 ClientSampleId :
 4UST-SW-5

Tot Ion:114 Resp: 136187
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 40.2
 88 15.3 0.0 30.0

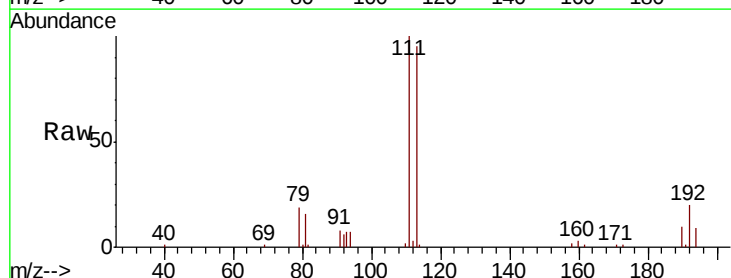


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

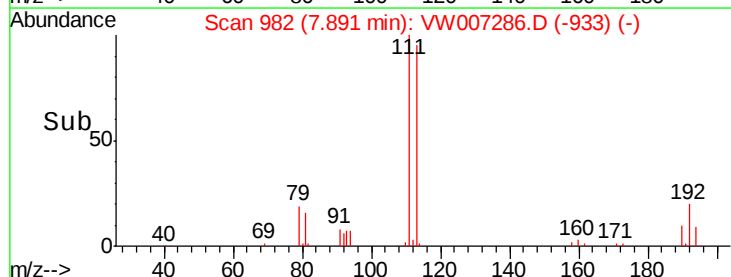
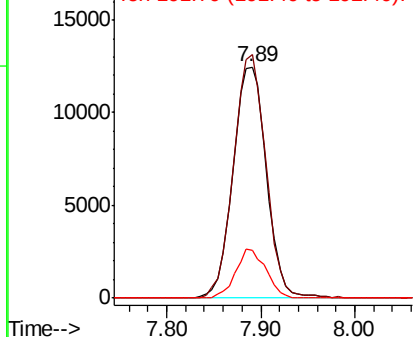


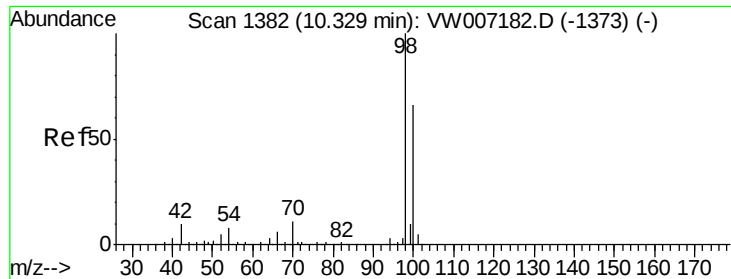
#35
 Dibromofluoromethane
 Concen: 39.491 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007286.D
 Acq: 06 Dec 2018 18:43

Tgt Ion:113 Resp: 30795
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 19.0 14.4 21.6



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: 36.907 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007286.D

Acq: 06 Dec 2018 18:43

Instrument :

MSVOA_W

ClientSampleId :

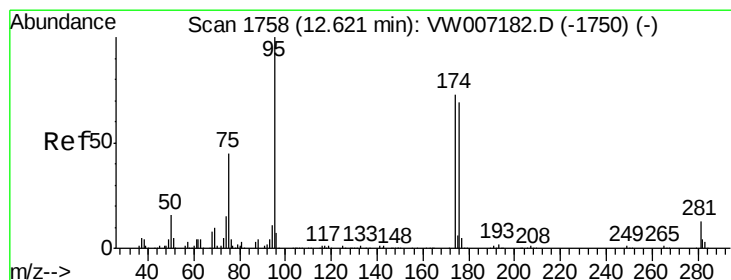
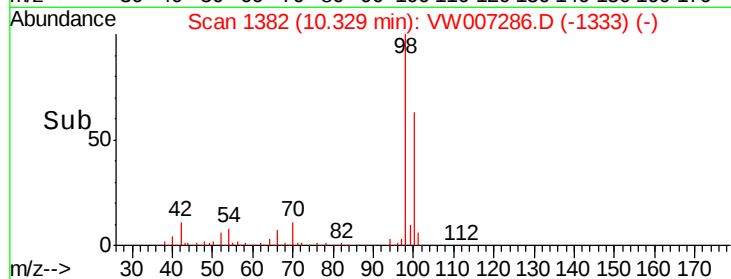
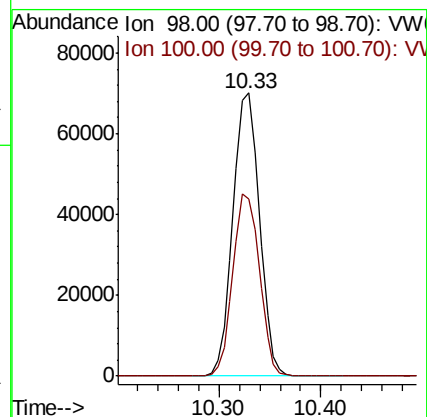
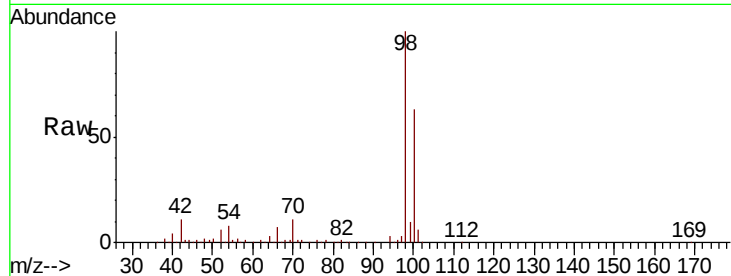
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Tot Ion: 98 Resp: 126775

Ion Ratio Lower Upper

98 100

100 64.4 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 39.249 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007286.D

Acq: 06 Dec 2018 18:43

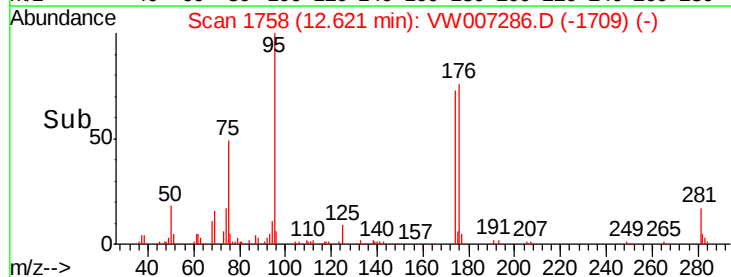
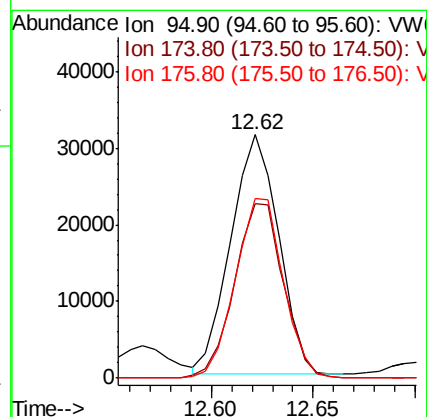
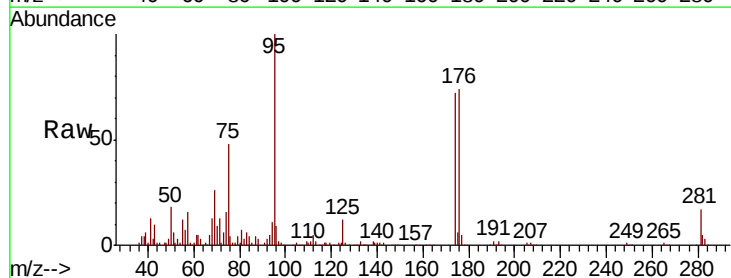
Tgt Ion: 95 Resp: 50887

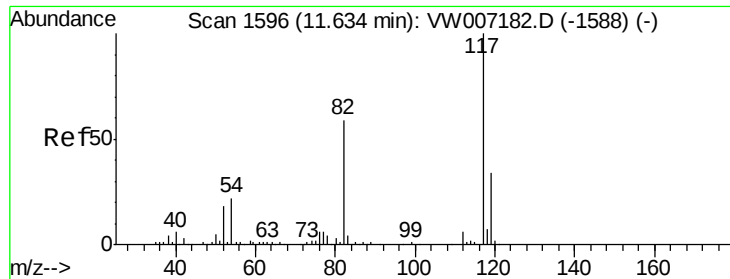
Ion Ratio Lower Upper

95 100

174 74.3 0.0 148.0

176 75.3 0.0 139.4

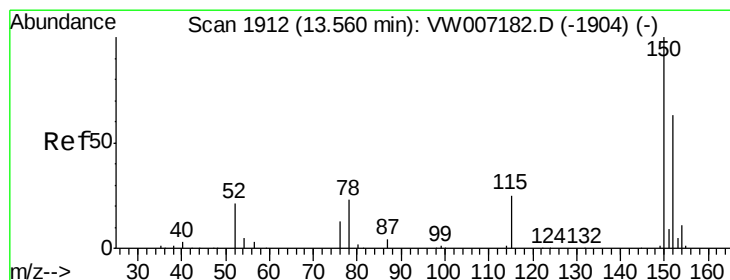
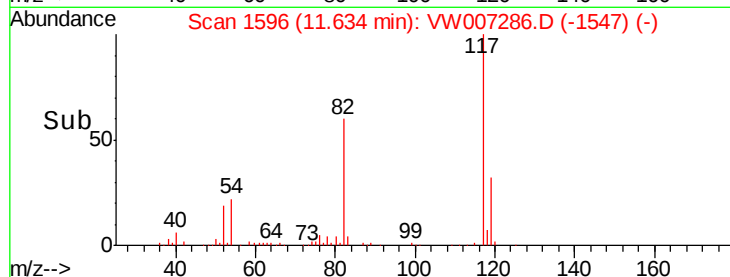
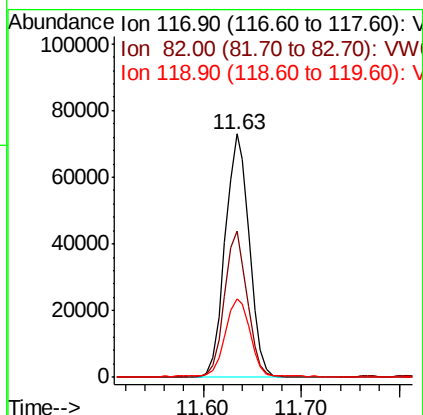
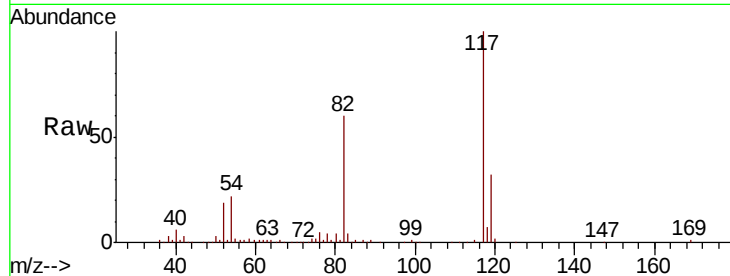




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007286.D
Acq: 06 Dec 2018 18:43

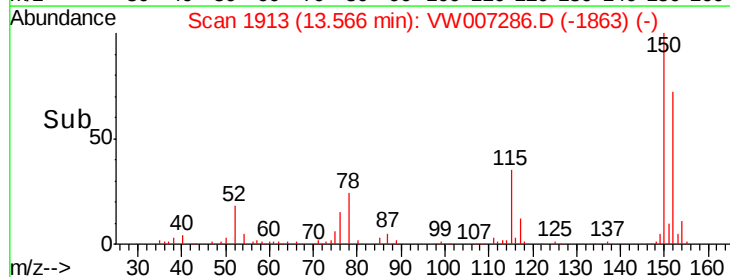
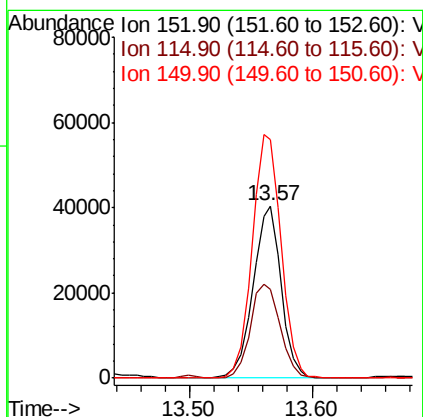
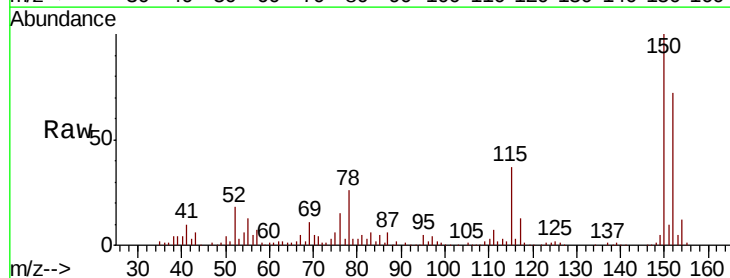
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MSVOA_W
ClientSampleId :
4UST-SW-5

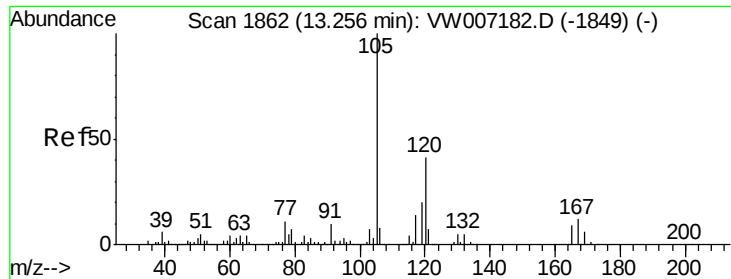
Tot Ion:117 Resp: 124445
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 32.2 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007286.D
Acq: 06 Dec 2018 18:43

Tgt Ion:152 Resp: 64367
Ion Ratio Lower Upper
152 100
115 58.5 31.3 93.8
150 146.4 0.0 358.0

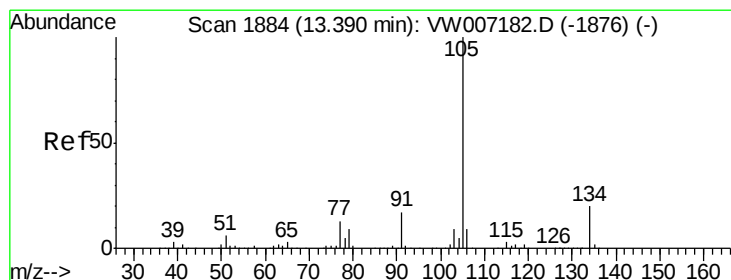
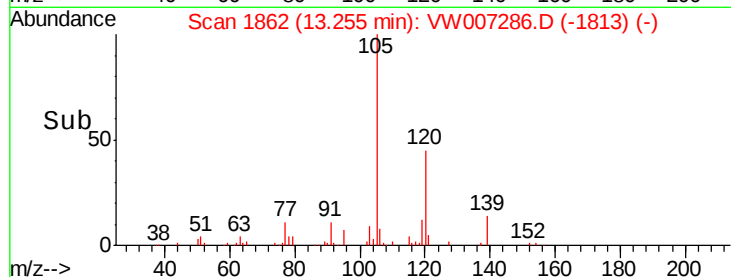
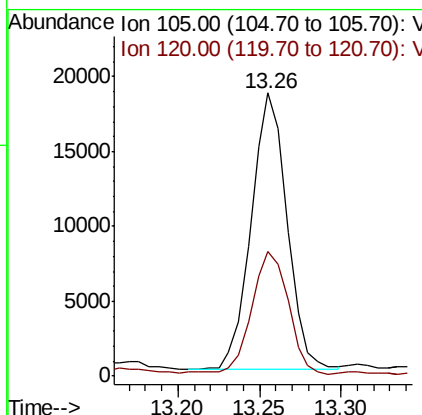
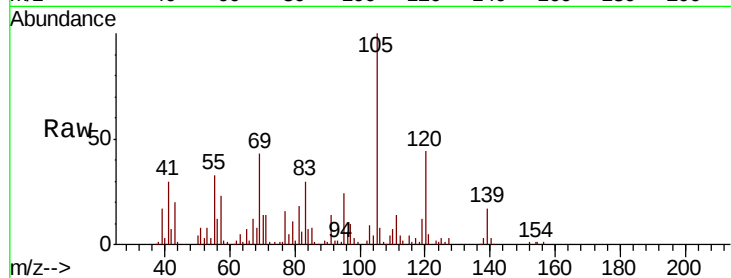




#84
1,2,4-Trimethylbenzene
Concen: 6.177 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007286.D
Acq: 06 Dec 2018 18:43

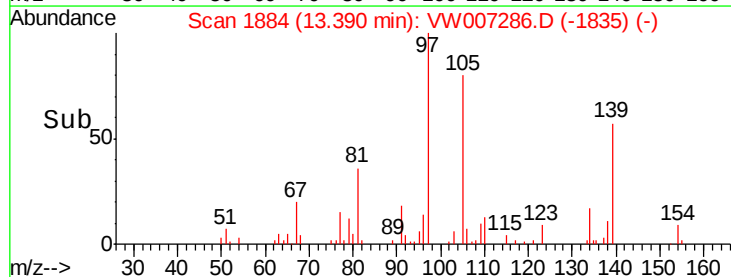
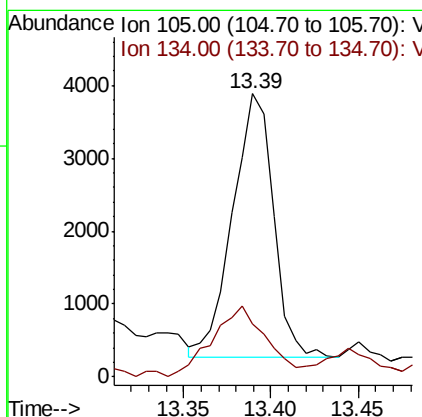
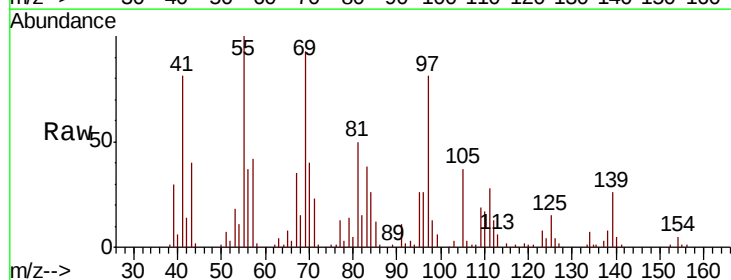
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4UST-SW-5

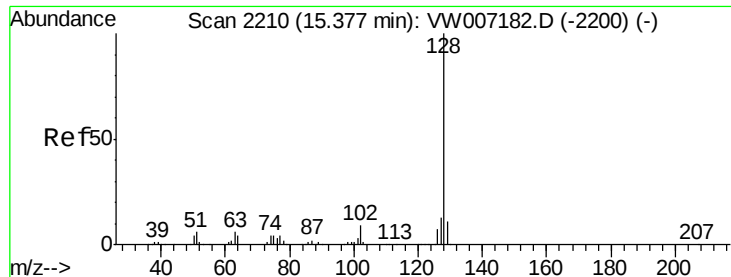
Tot Ion:105 Resp: 28240
Ion Ratio Lower Upper
105 100
120 45.0 21.1 63.3



#85
sec-Butylbenzene
Concen: 1.043 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007286.D
Acq: 06 Dec 2018 18:43

Tgt Ion:105 Resp: 5830
Ion Ratio Lower Upper
105 100
134 35.2 10.3 30.8#

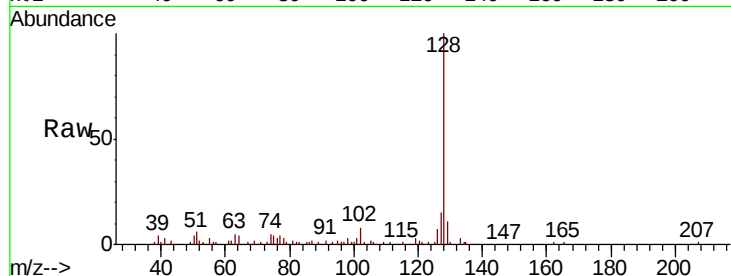




#95
Naphthalene
Concen: 10.349 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007286.D
Acq: 06 Dec 2018 18:43

Instrument :
MSVOA_W
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
128	100		
127	15.3	10.3	15.5
129	11.8	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

