

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102918\
 Data File : VW006431.D
 Acq On : 27 Oct 2018 04:50
 Operator : SY/AP
 Sample : J5515-19RE
 Misc : 5.98G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-01BRE

Quant Time: Oct 27 05:46:05 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

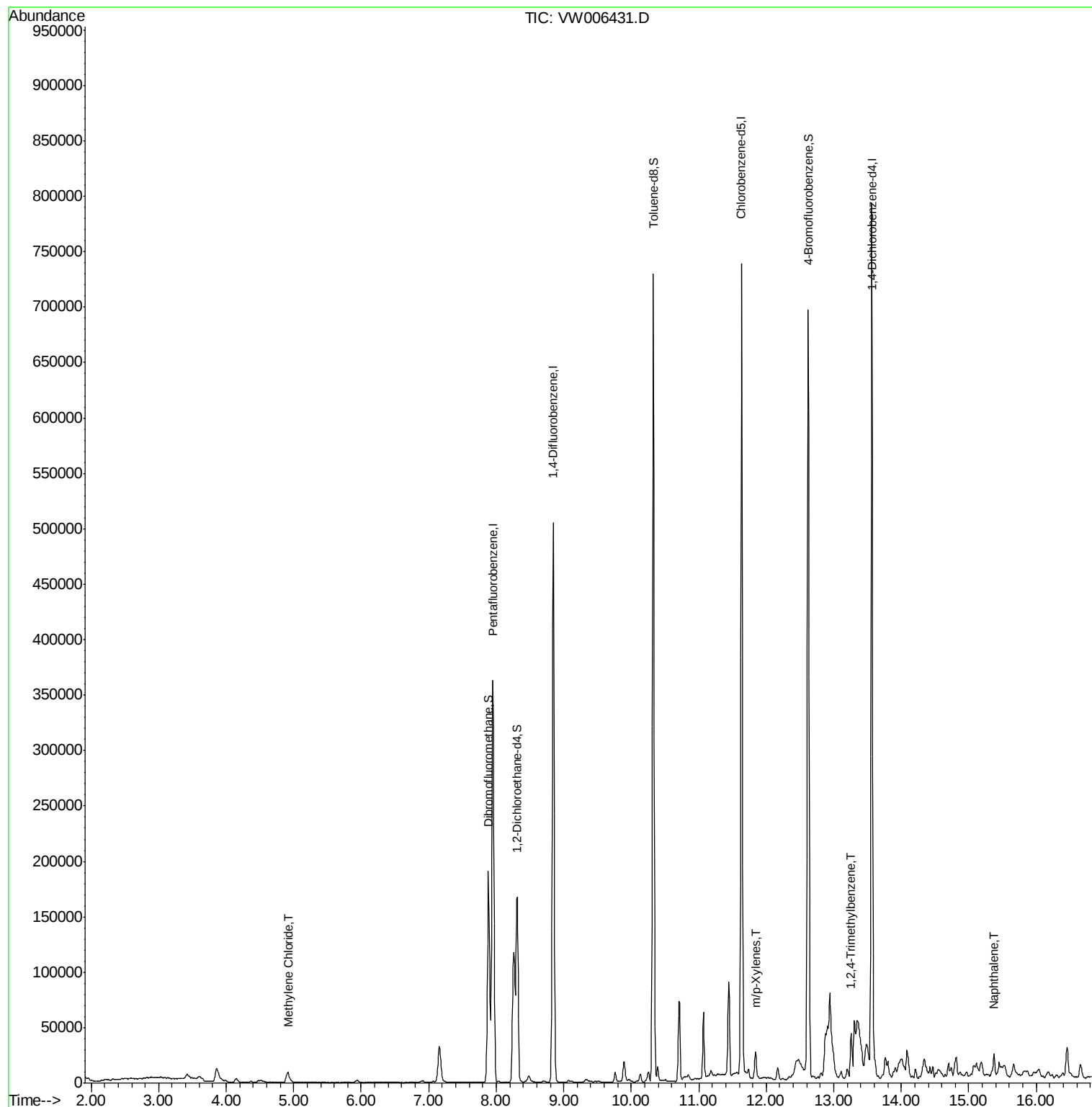
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	309035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	460841	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	422591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	227237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134219	52.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.78%	
35) Dibromofluoromethane	7.88	113	133588	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	10.33	98	516211	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.62	95	188354	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
Target Compounds						
20) Methylene Chloride	4.92	84	7998	1.367	ug/l #	93
68) m/p-Xylenes	11.84	106	7628	1.231	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	22980	1.678	ug/l	99
95) Naphthalene	15.38	128	16948	1.897	ug/l	96

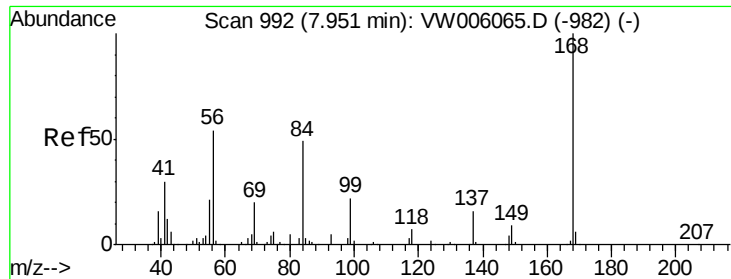
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration



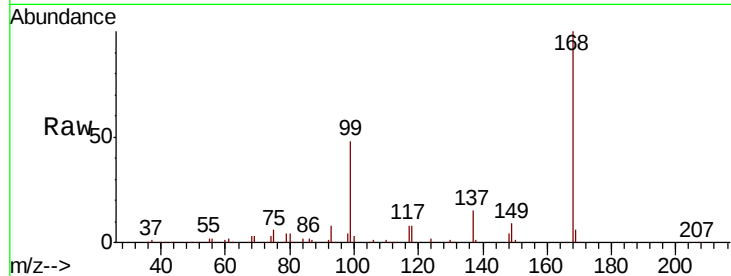


#1

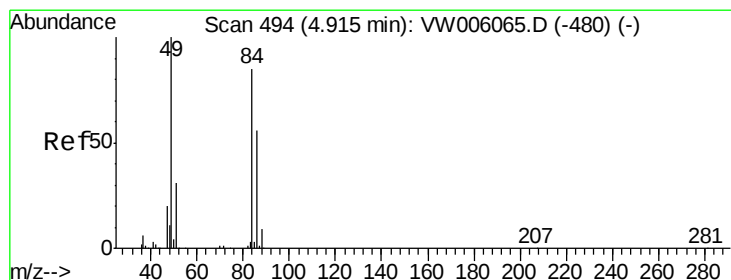
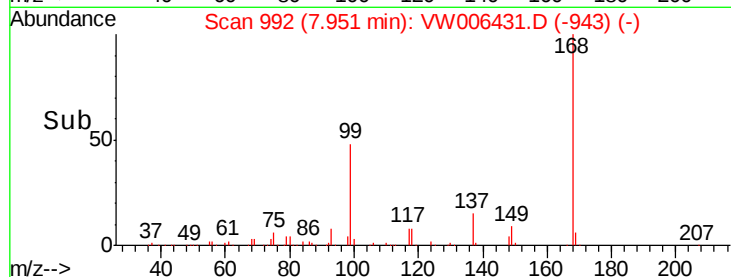
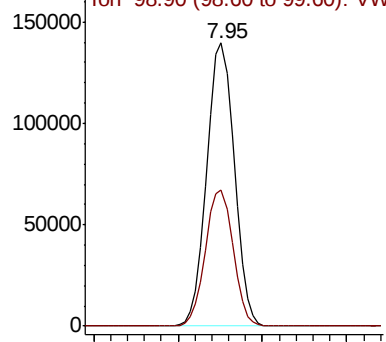
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006431.D
 Acq: 27 Oct 2018 04:50

Instrument :
 MSVOA_W
 ClientSampleId :
 AOC1-01BRE

Tot Ion:168 Resp: 309035
 Ion Ratio Lower Upper
 168 100
 99 48.3 39.9 59.9



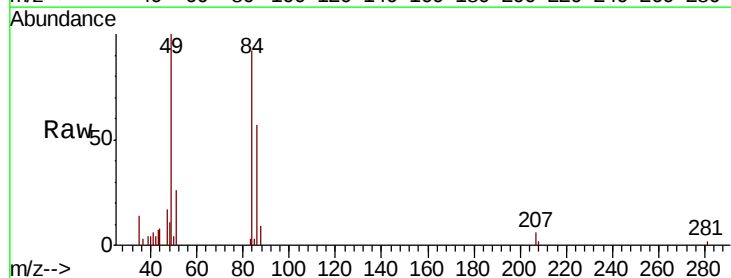
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VW



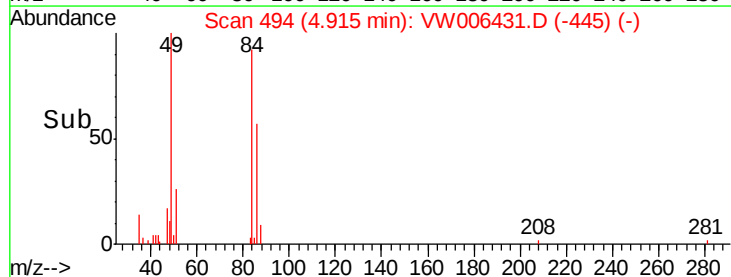
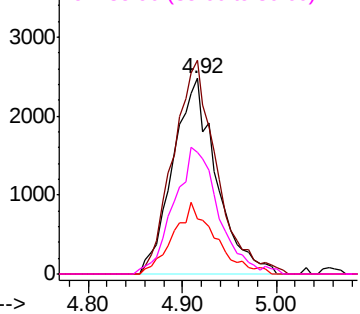
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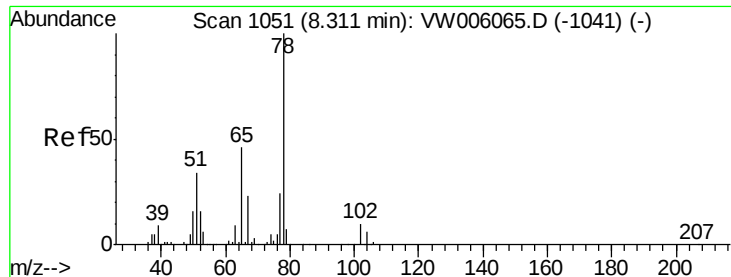
Methylene Chloride
 Concen: 1.367 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW006431.D
 Acq: 27 Oct 2018 04:50

Tgt Ion: 84 Resp: 7998
 Ion Ratio Lower Upper
 84 100
 49 109.2 93.6 140.4
 51 28.2 29.0 43.4#
 86 62.4 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

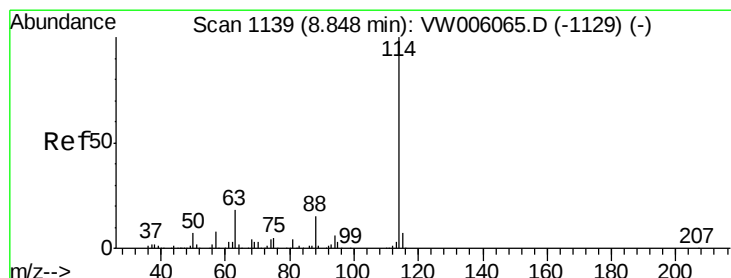
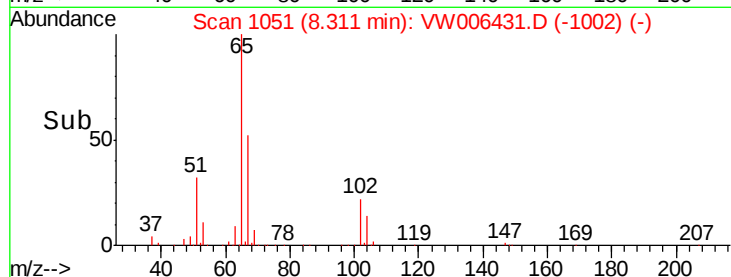
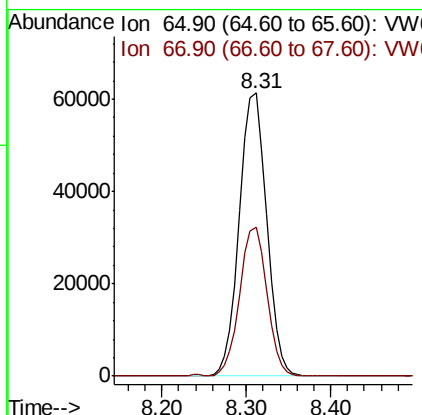
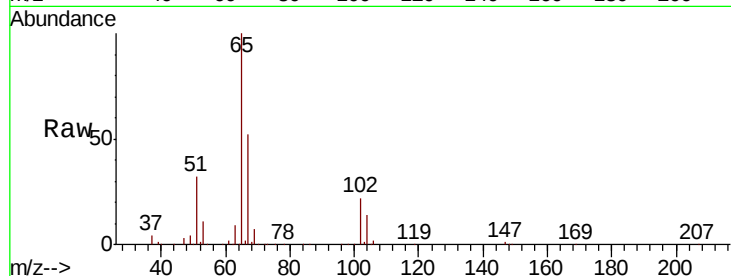




#33
 1,2-Dichloroethane-d4
 Concen: 52.387 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006431.D
 Acq: 27 Oct 2018 04:50

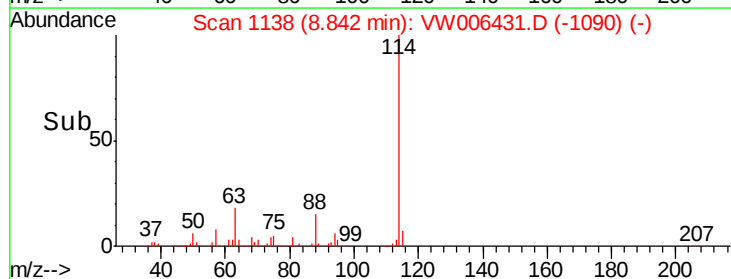
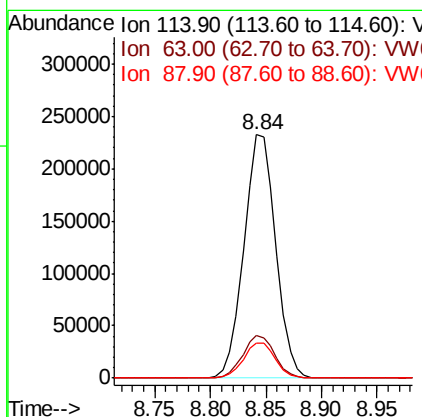
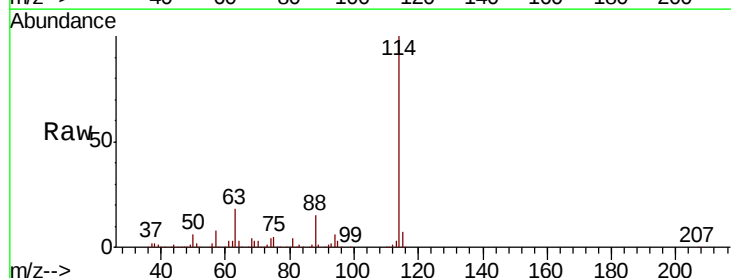
Instrument :
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 ClientSampleId :
 AOC1-01BRE

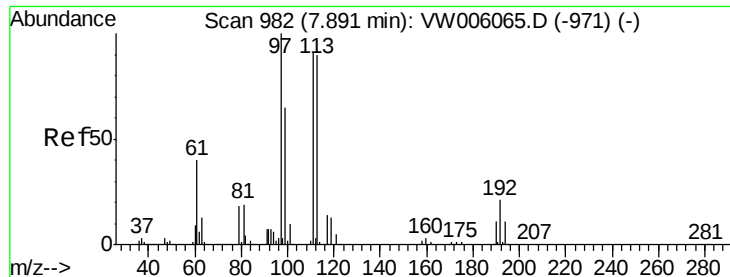
Tot Ion: 65 Resp: 134219
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006431.D
 Acq: 27 Oct 2018 04:50

Tgt Ion: 114 Resp: 460841
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.8
 88 14.5 0.0 29.0

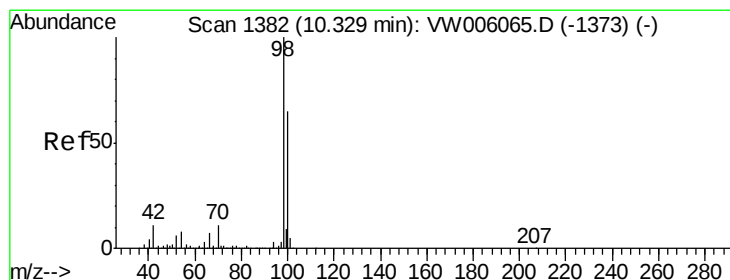
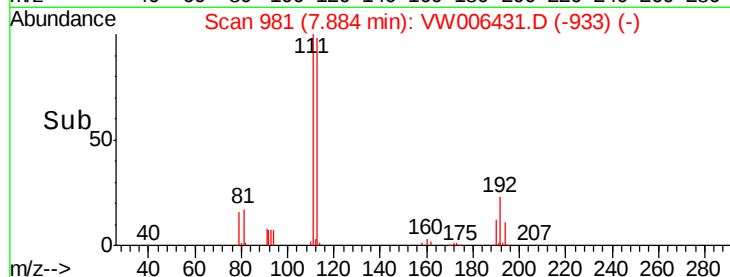
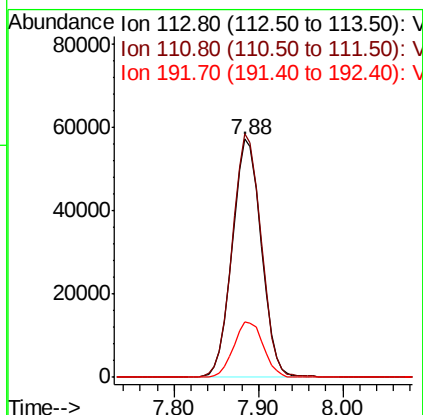
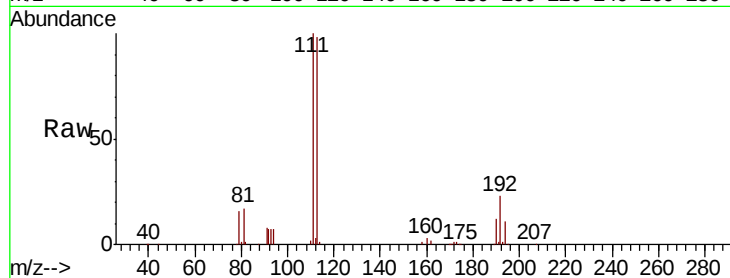




#35
Dibromofluoromethane
Concen: 49.058 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006431.D
Acq: 27 Oct 2018 04:50

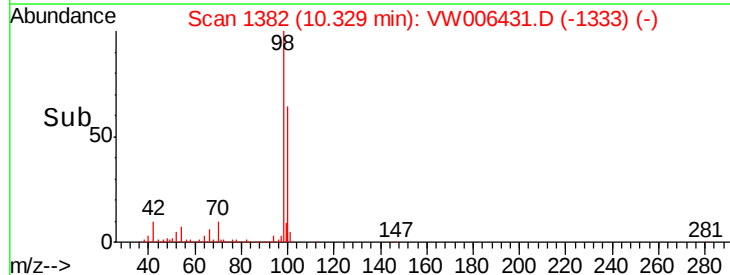
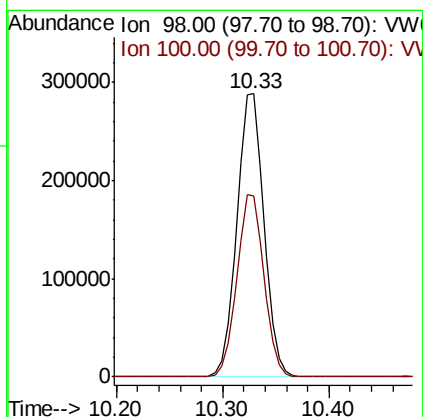
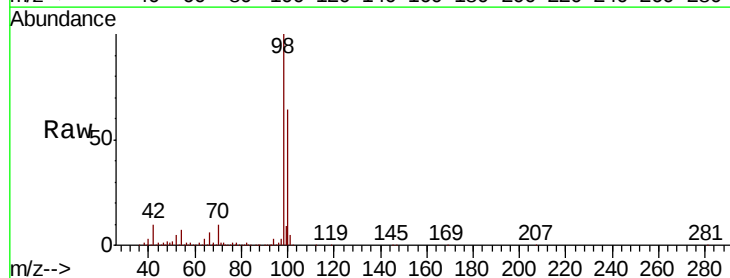
Instrument :
MSVOA_W
ClientSampleId :
AOC1-01BRE

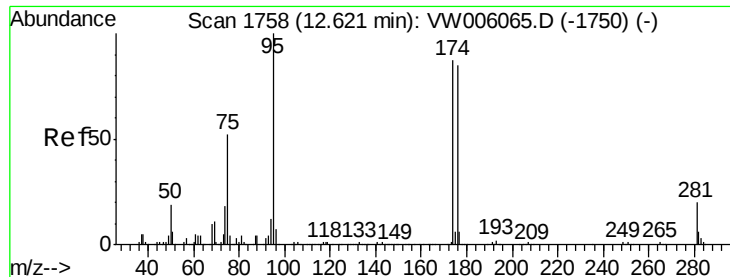
Tot Ion:113 Resp: 133588
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 23.6 18.7 28.1



#50
Toluene-d8
Concen: 49.827 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006431.D
Acq: 27 Oct 2018 04:50

Tgt Ion: 98 Resp: 516211
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

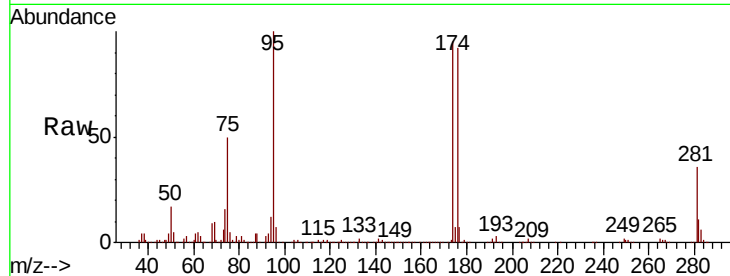




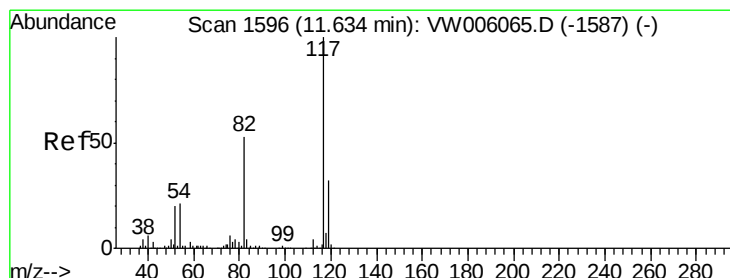
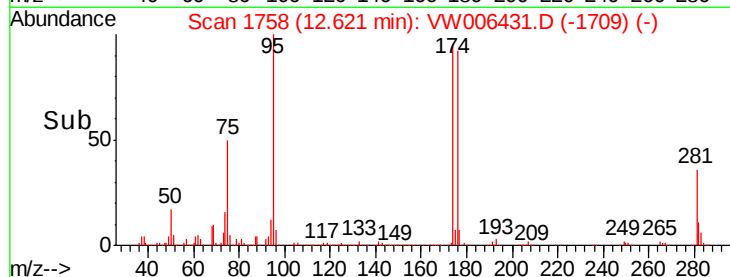
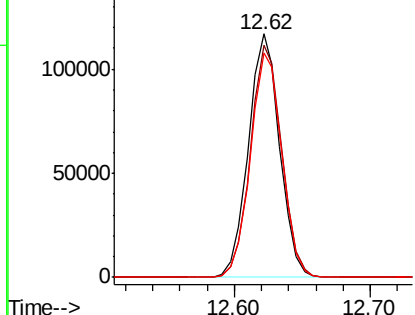
#62
4-Bromofluorobenzene
Concen: 48.406 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006431.D
Acq: 27 Oct 2018 04:50

Instrument :
MSVOA_W
ClientSampleId :
AOC1-01BRE

Tot Ion: 95 Resp: 188354
Ion Ratio Lower Upper
95 100
174 95.3 0.0 186.0
176 92.6 0.0 181.6

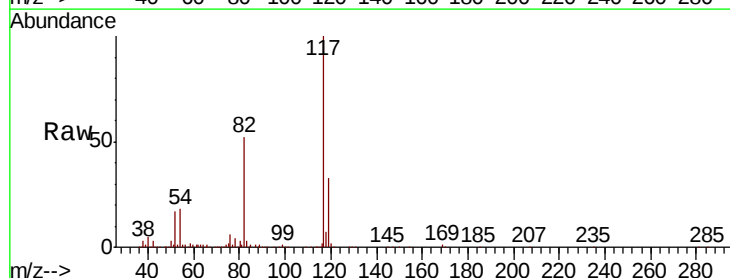


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

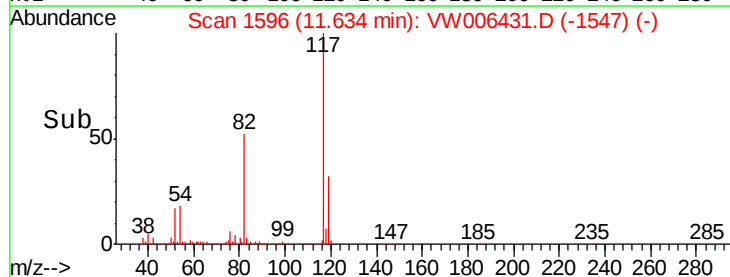
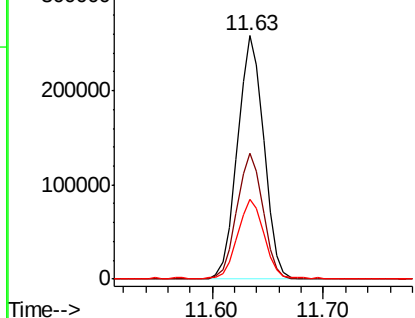


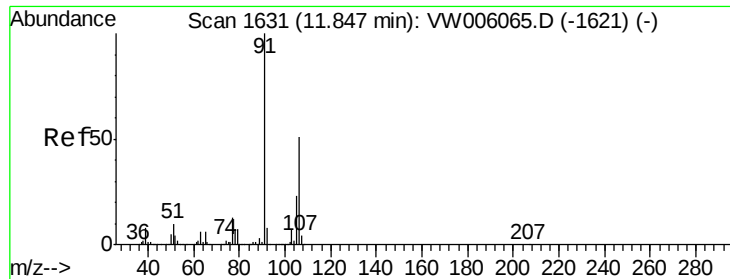
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006431.D
Acq: 27 Oct 2018 04:50

Tgt Ion: 117 Resp: 422591
Ion Ratio Lower Upper
117 100
82 51.5 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

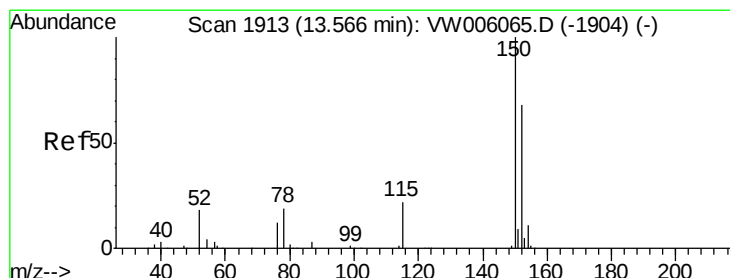
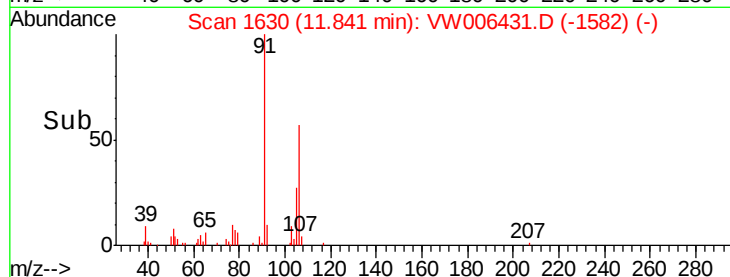
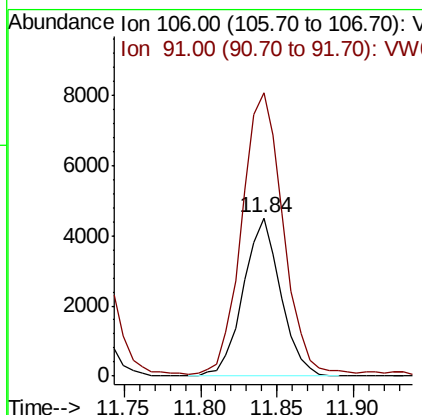
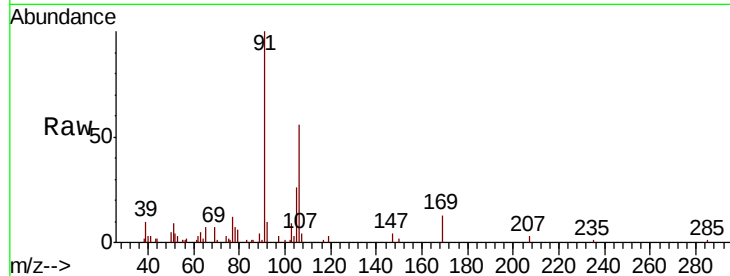




#68
m/p-Xvlenes
Concen: 1.231 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006431.D
Acq: 27 Oct 2018 04:50

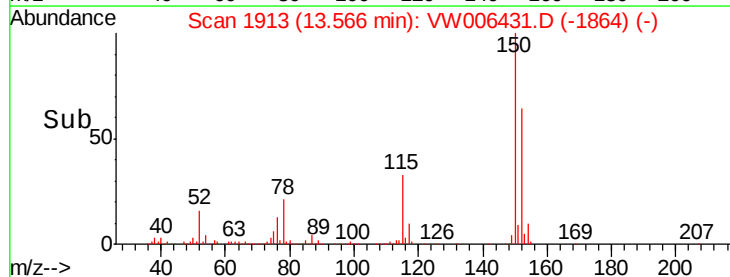
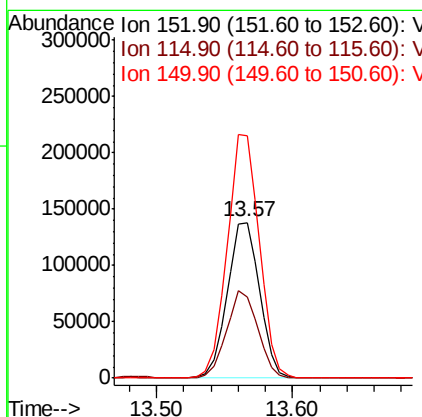
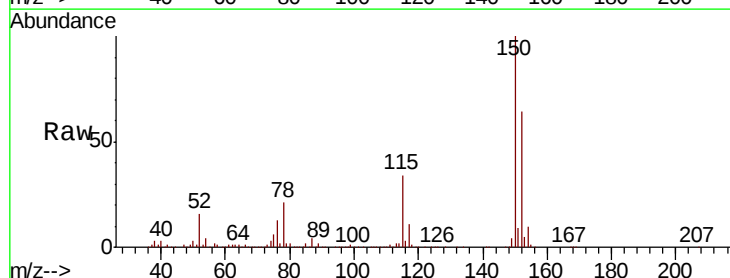
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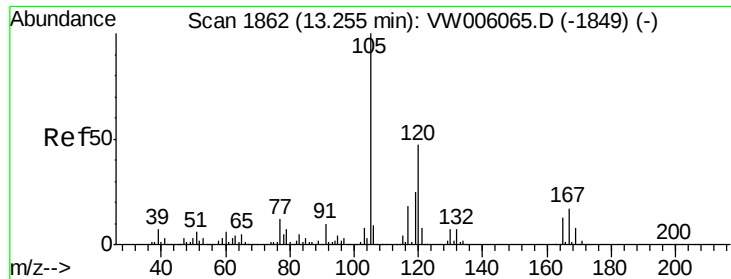
Tot Ion:106 Resp: 7628
Ion Ratio Lower Upper
106 100
91 194.4 159.1 238.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006431.D
Acq: 27 Oct 2018 04:50

Tgt Ion:152 Resp: 227237
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.3
150 155.9 0.0 349.2

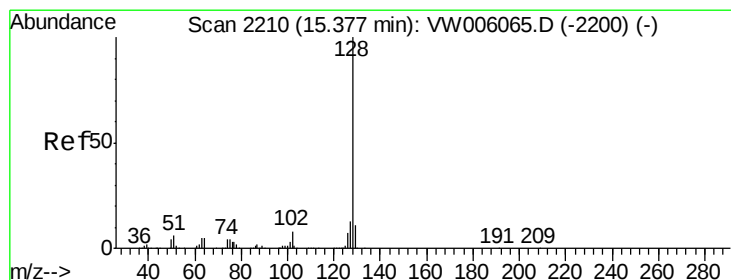
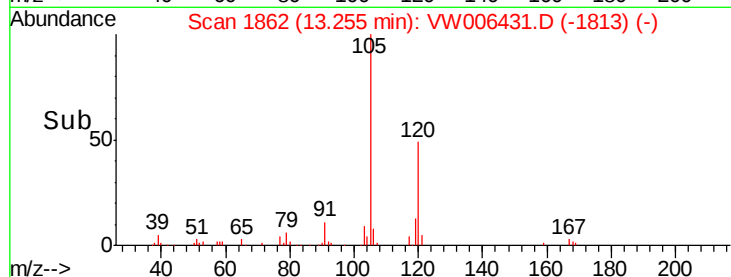
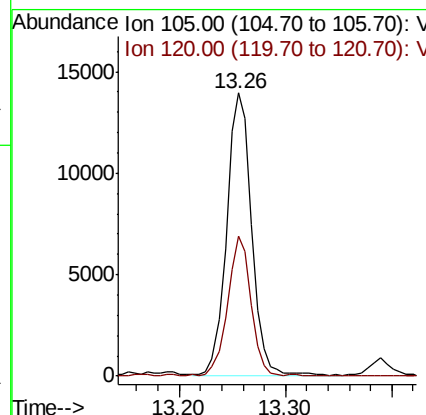
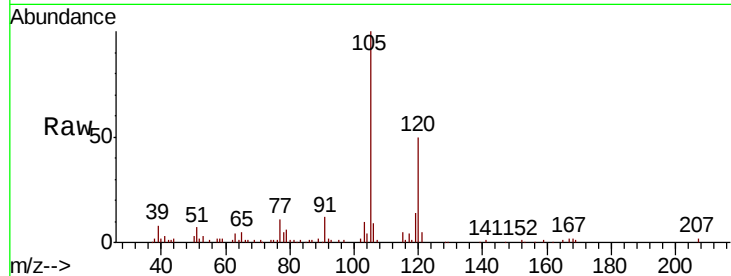




#84
 1,2,4-Trimethylbenzene
 Concen: 1.678 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006431.D
 Acq: 27 Oct 2018 04:50

Instrument :
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Tot Ion:105 Resp: 22980
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.3



#95
 Naphthalene
 Concen: 1.897 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006431.D
 Acq: 27 Oct 2018 04:50

Tgt Ion:128 Resp: 16948
 Ion Ratio Lower Upper
 128 100
 127 14.8 10.3 15.5
 129 11.8 8.7 13.1

