

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007645.D
 Acq On : 17 Dec 2018 21:08
 Operator : SY/AP
 Sample : J6379-04
 Misc : 4.80G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS003-1218-01

Quant Time: Dec 18 08:04:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

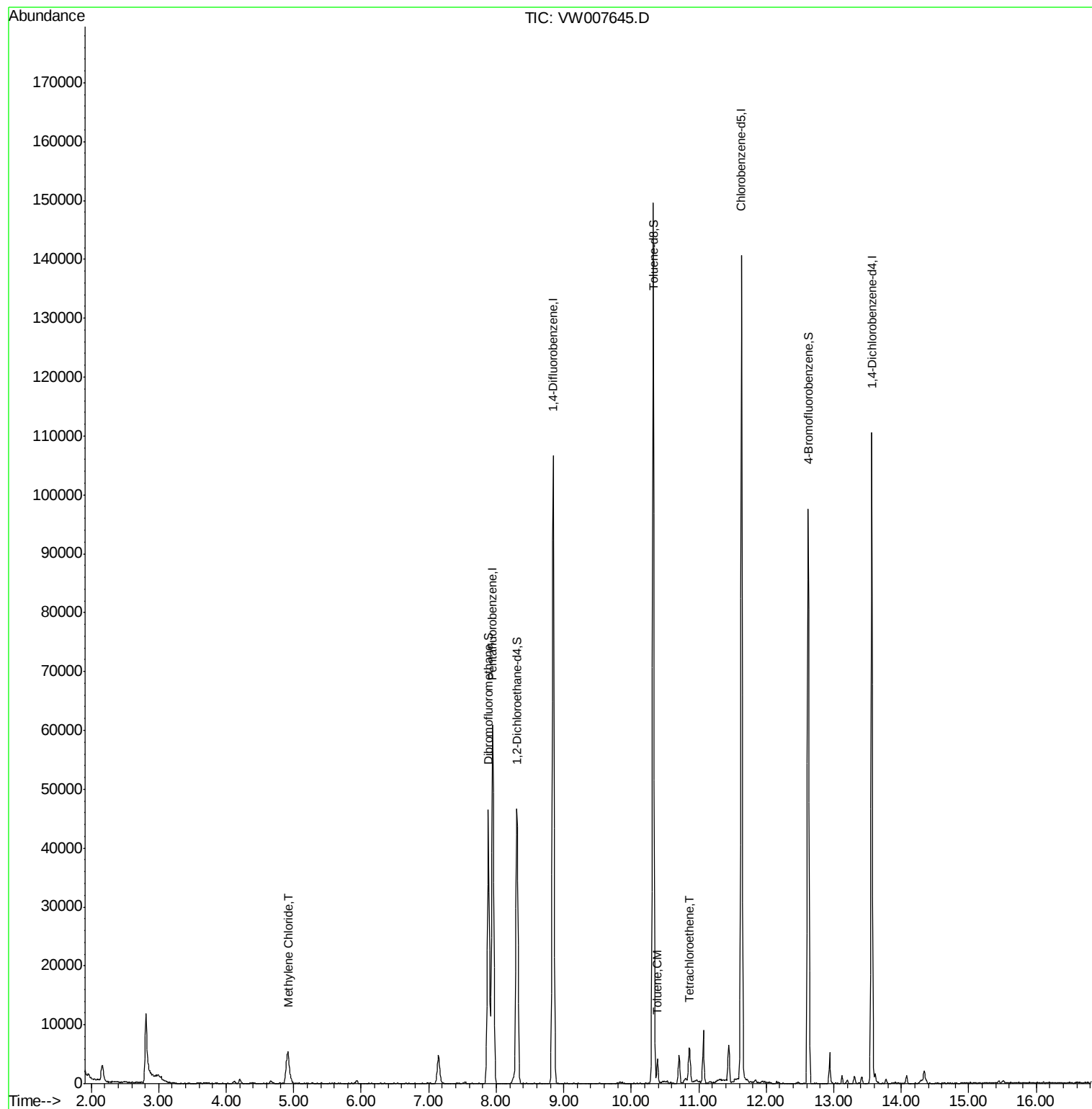
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	45356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	90170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	76278	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	28906	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	38934	77.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	154.74%	
35) Dibromofluoromethane	7.88	113	32703	59.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.82%	
50) Toluene-d8	10.32	98	98351	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
62) 4-Bromofluorobenzene	12.62	95	31143	41.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.78%	
Target Compounds						
20) Methylene Chloride	4.92	84	4851	6.700	ug/l	92
52) Toluene	10.39	92	1751	1.185	ug/l	85
64) Tetrachloroethene	10.86	164	1225	2.233	ug/l	92

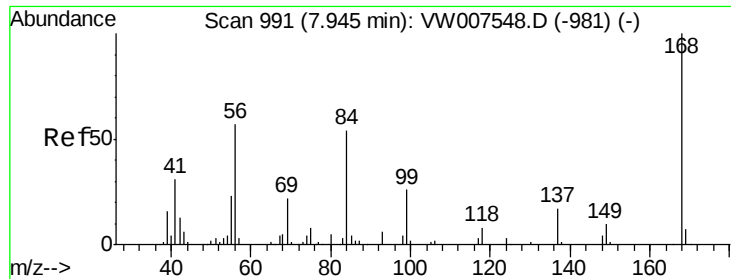
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007645.D

Acq: 17 Dec 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

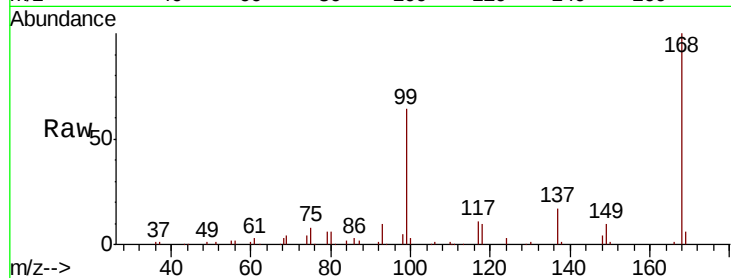
P001-SS003-1218-01

Tot Ion:168 Resp: 45356

Ion Ratio Lower Upper

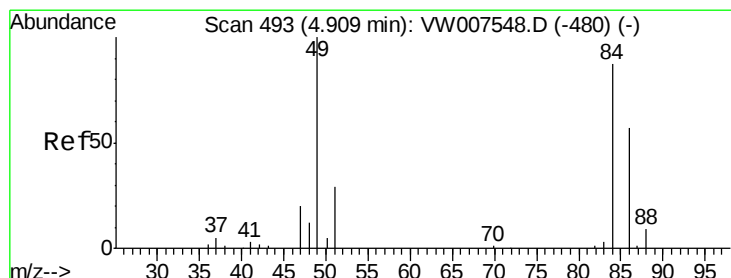
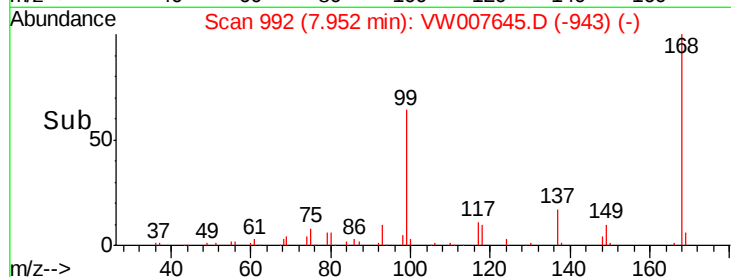
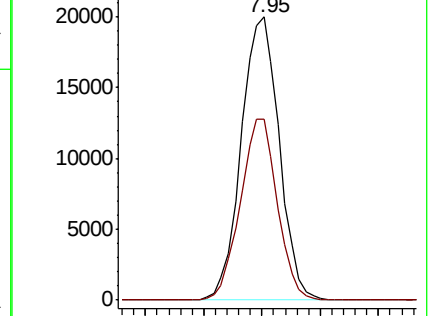
168 100

99 64.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 6.700 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007645.D

Acq: 17 Dec 2018 21:08

Tgt Ion: 84 Resp: 4851

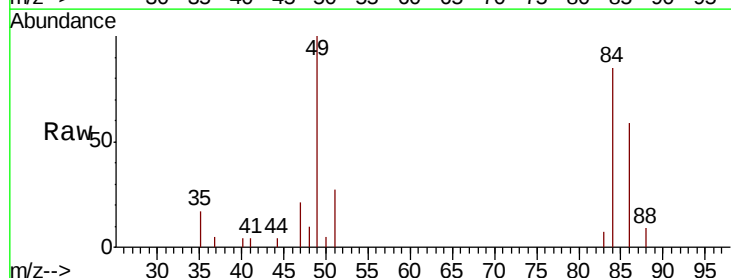
Ion Ratio Lower Upper

84 100

49 117.8 87.1 130.7

51 32.2 28.2 42.2

86 69.2 50.8 76.2

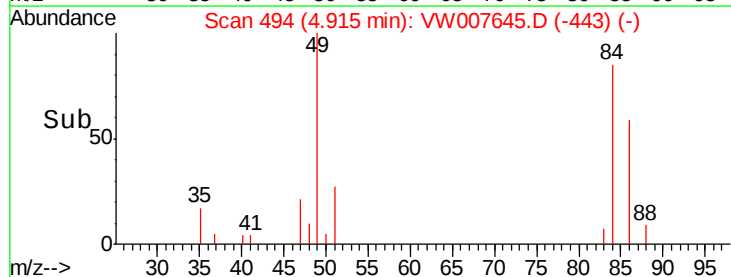
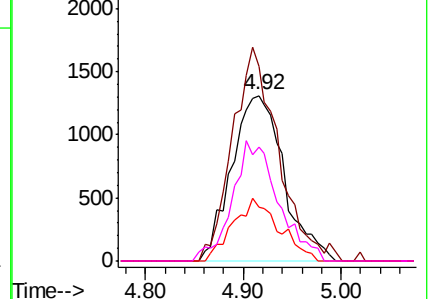


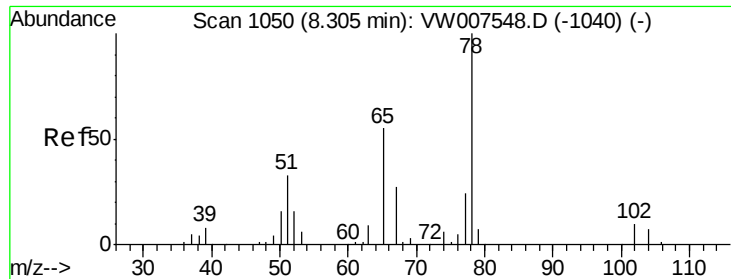
Abundance Ion 83.90 (83.60 to 84.60): VW

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

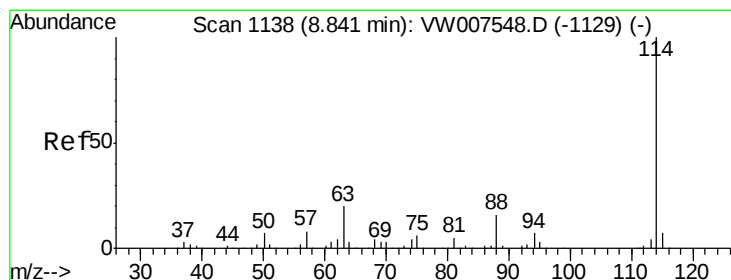
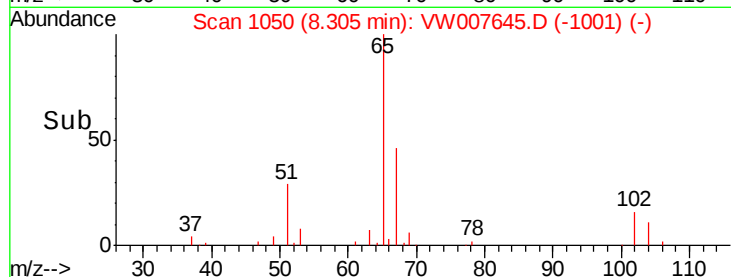
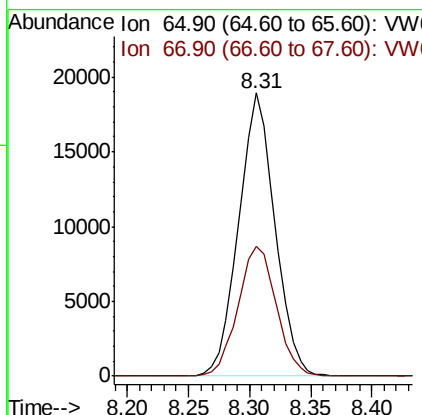
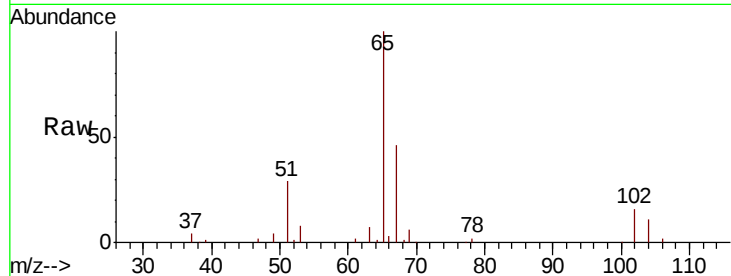




#33
 1,2-Dichloroethane-d4
 Concen: 77.375 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007645.D
 Acq: 17 Dec 2018 21:08

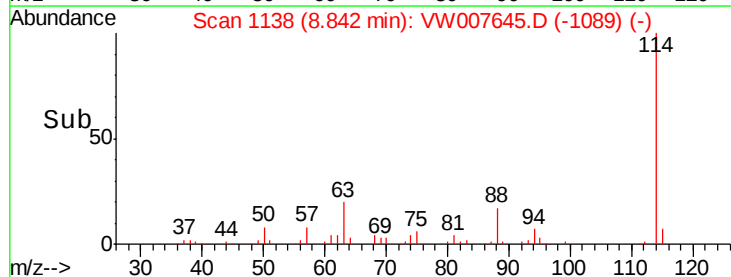
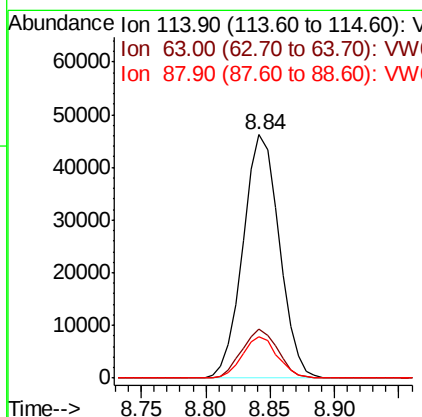
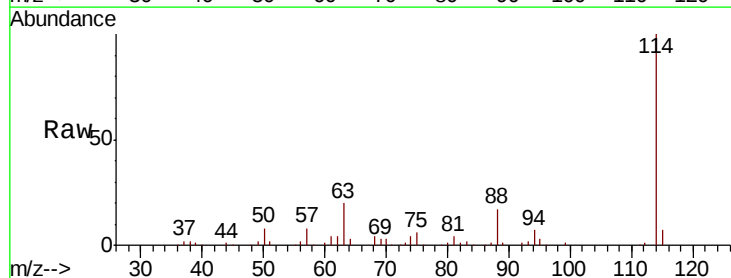
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 MSVOA_W
 ClientSampleId :
 P001-SS003-1218-01

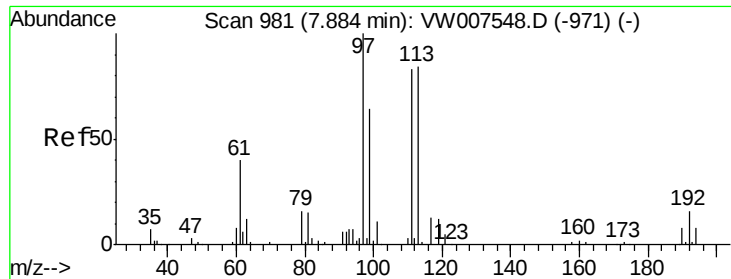
Tot Ion: 65 Resp: 38934
 Ion Ratio Lower Upper
 65 100
 67 48.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007645.D
 Acq: 17 Dec 2018 21:08

Tgt Ion: 114 Resp: 90170
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 17.0 0.0 31.4

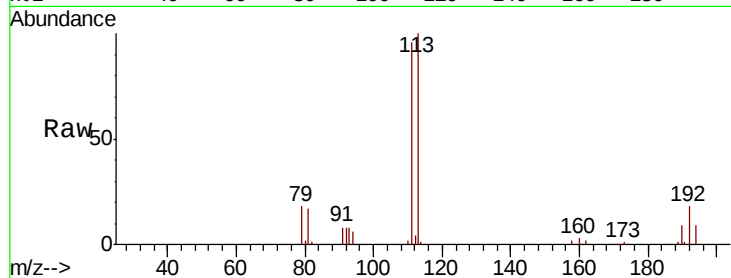




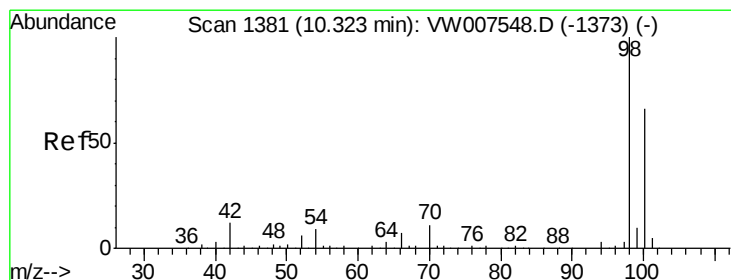
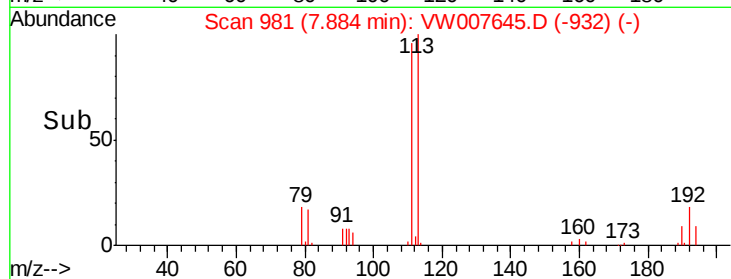
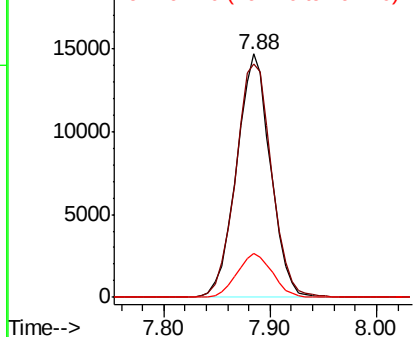
#35
 Dibromofluoromethane
 Concen: 59.914 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007645.D
 Acq: 17 Dec 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS003-1218-01

Tot Ion:113 Resp: 32703
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.1 121.7
 192 18.6 14.6 21.8

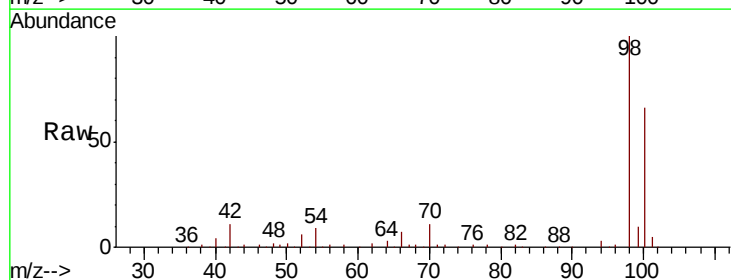


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

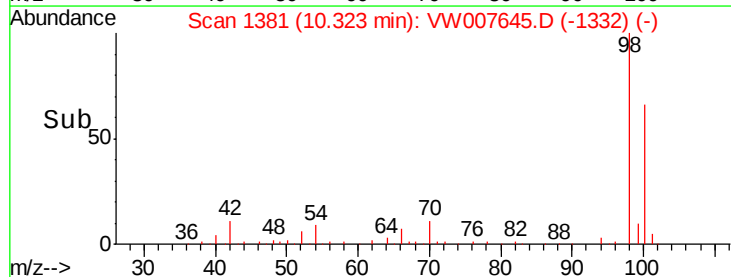
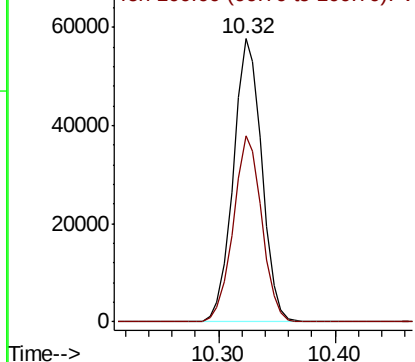


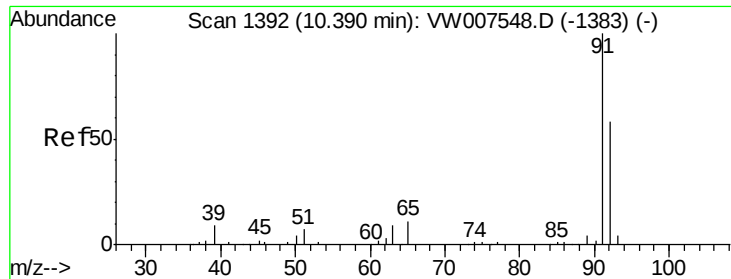
#50
 Toluene-d8
 Concen: 48.056 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW007645.D
 Acq: 17 Dec 2018 21:08

Tgt Ion: 98 Resp: 98351
 Ion Ratio Lower Upper
 98 100
 100 65.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.185 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007645.D

Acq: 17 Dec 2018 21:08

Instrument :

MSVOA_W

ClientSampleId :

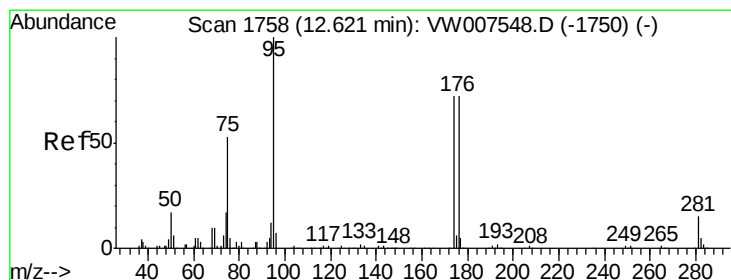
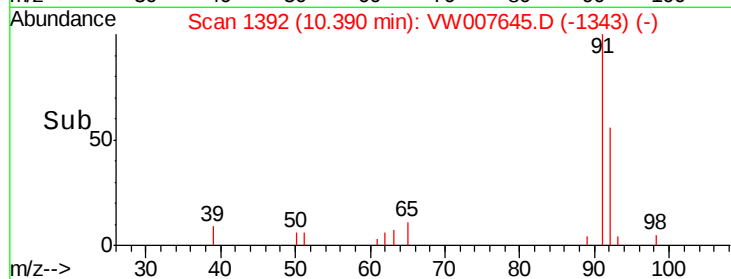
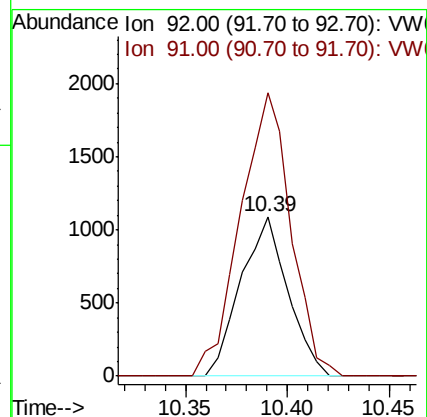
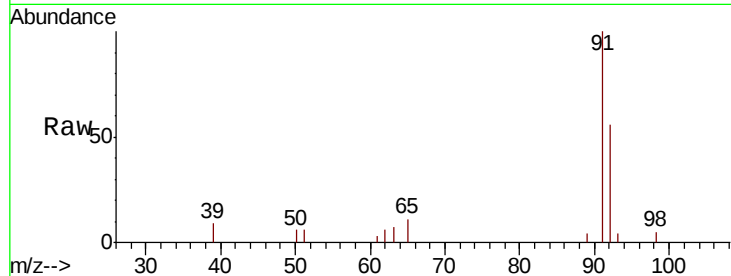
P001-SS003-1218-01

Tot Ion: 92 Resp: 1751

Ion Ratio Lower Upper

92 100

91 190.2 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 41.387 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007645.D

Acq: 17 Dec 2018 21:08

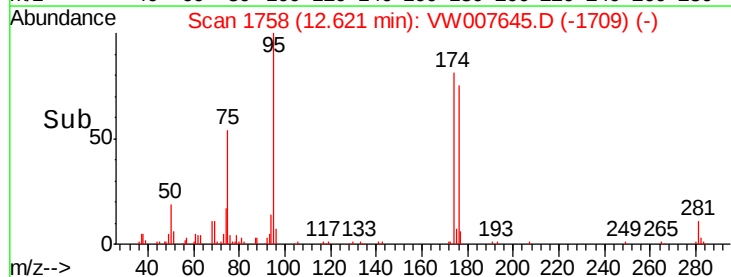
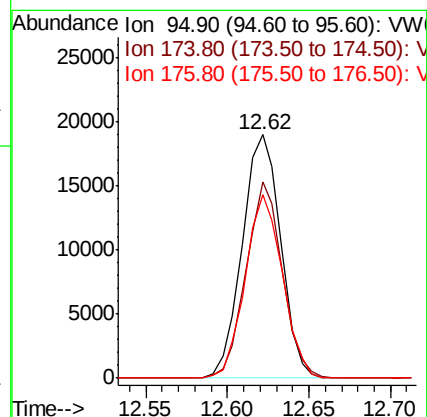
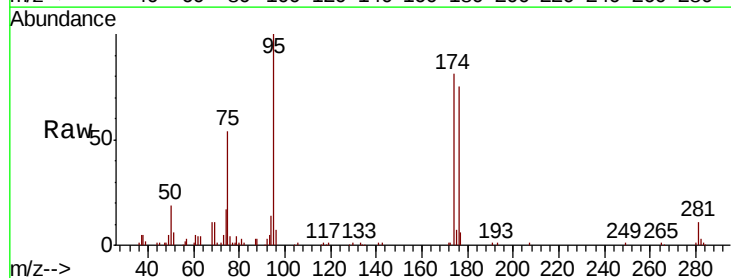
Tgt Ion: 95 Resp: 31143

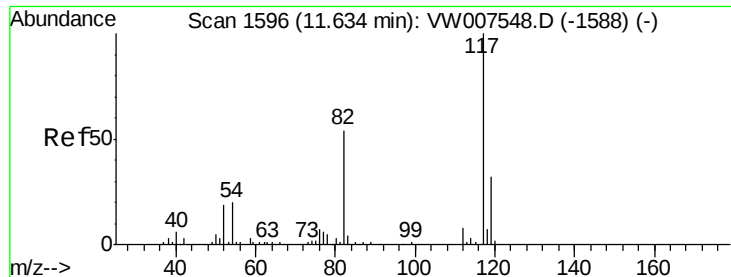
Ion Ratio Lower Upper

95 100

174 76.2 0.0 147.2

176 73.0 0.0 138.8

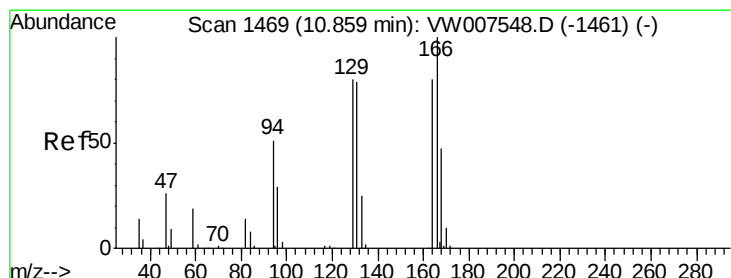
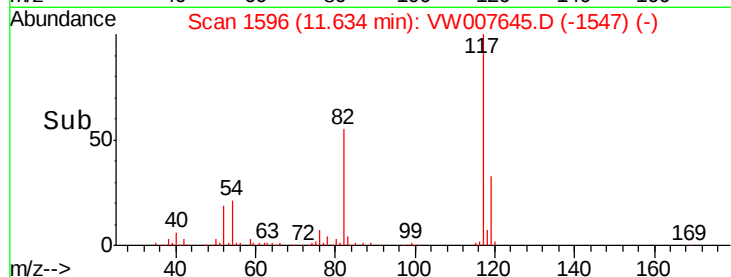
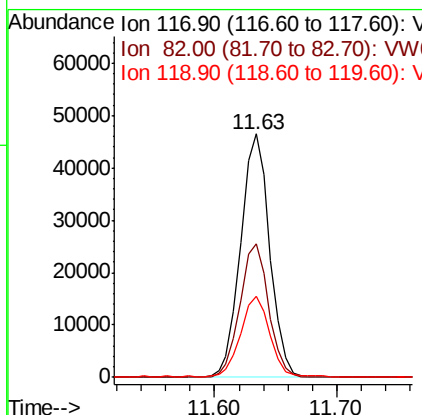
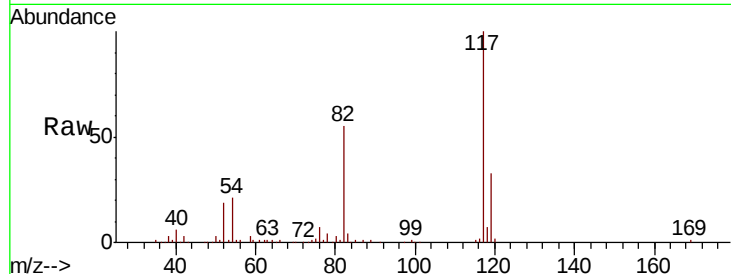




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007645.D
Acq: 17 Dec 2018 21:08

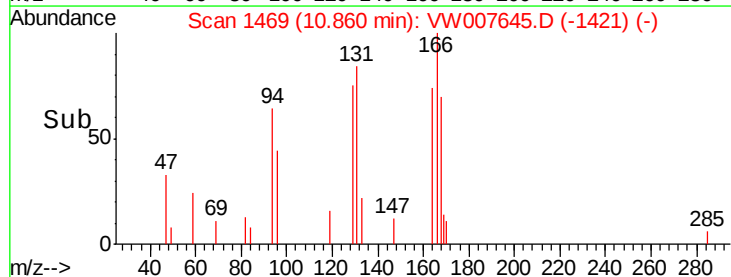
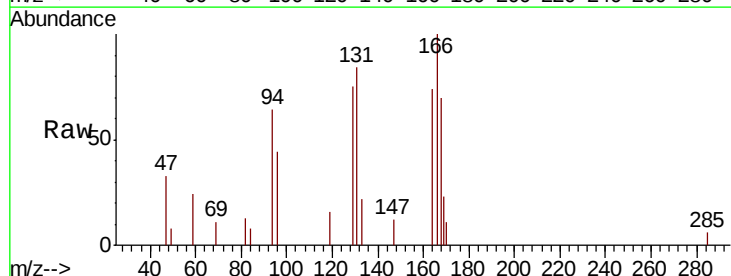
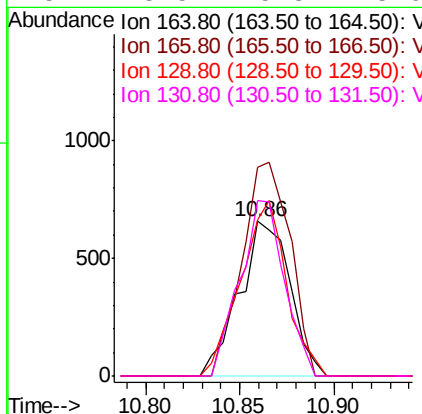
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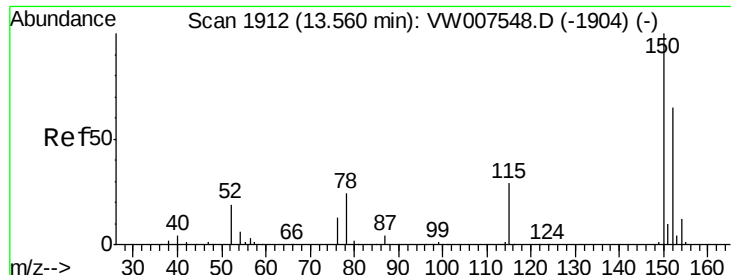
Tot Ion:117 Resp: 76278
Ion Ratio Lower Upper
117 100
82 54.9 42.3 63.5
119 33.1 23.0 34.6



#64
Tetrachloroethene
Concen: 2.233 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW007645.D
Acq: 17 Dec 2018 21:08

Tgt Ion:164 Resp: 1225
Ion Ratio Lower Upper
164 100
166 135.0 107.9 161.9
129 100.6 73.4 110.2
131 113.5 75.8 113.6

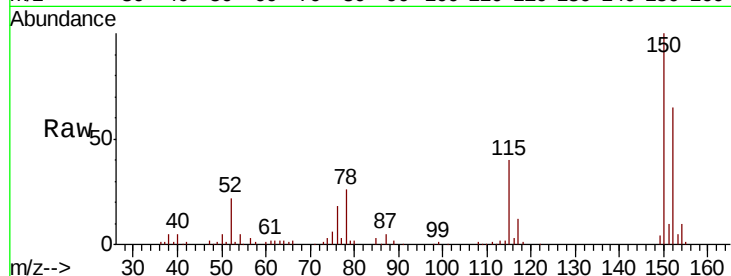




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW007645.D
 Acq: 17 Dec 2018 21:08

Instrument :
 MSVOA_W
 ClientSampleId :
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Tot Ion:152 Resp: 28906
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.4 94.2
 150 154.7 0.0 358.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

