

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006290.D
 Acq On : 23 Oct 2018 10:05
 Operator : VA/AP
 Sample : J5624-06
 Misc : 4.41G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-03B

Quant Time: Oct 23 15:07:41 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

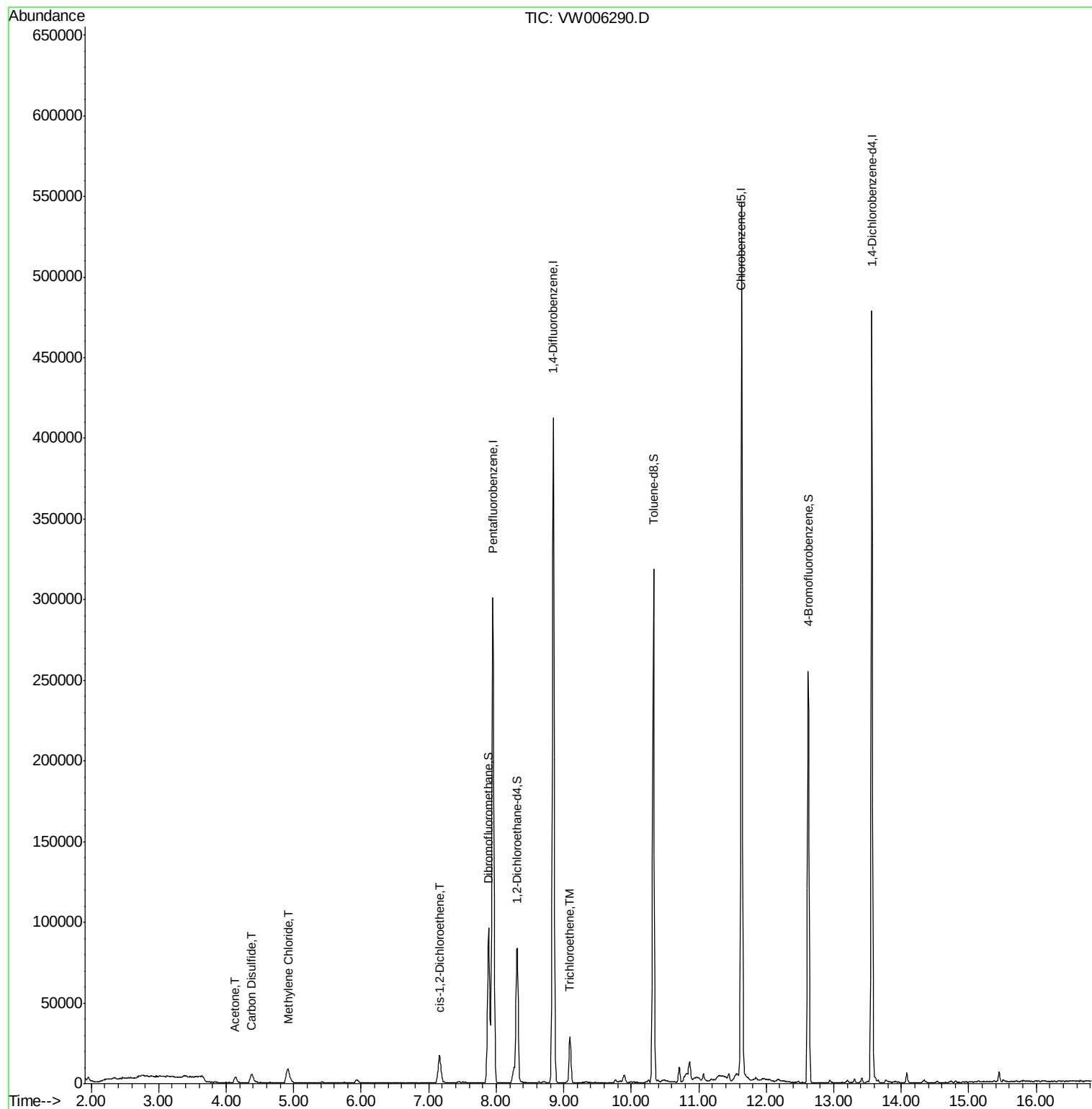
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	134764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68447	34.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.08%	
35) Dibromofluoromethane	7.89	113	68632	31.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.96%	
50) Toluene-d8	10.33	98	221886	27.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	54.34%	
62) 4-Bromofluorobenzene	12.62	95	75159	24.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.02%	
Target Compounds						
16) Acetone	4.13	43	6978	3.925	ug/l	93
17) Carbon Disulfide	4.37	76	13249	2.166	ug/l	98
20) Methylene Chloride	4.91	84	8447	2.421	ug/l	91
27) cis-1,2-Dichloroethene	7.17	96	2534	1.015	ug/l	95
44) Trichloroethene	9.09	130	10238	3.634	ug/l	95

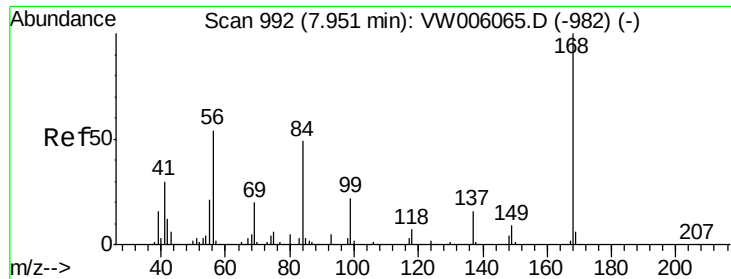
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
Data File : VW006290.D
Acq On : 23 Oct 2018 10:05
Operator : VA/AP
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Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Oct 23 15:07:41 2018
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: VW006290.D

Acq: 23 Oct 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

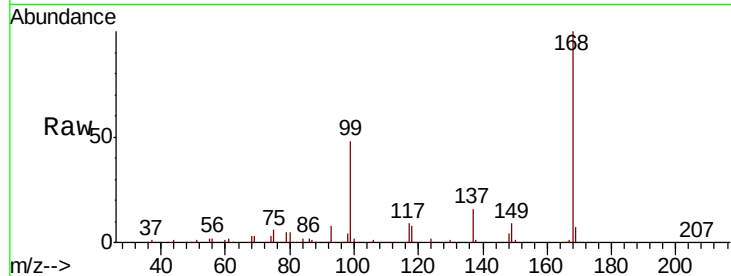
PA-SB-03B

Tot Ion:168 Resp: 242558

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

7.95

120000

100000

80000

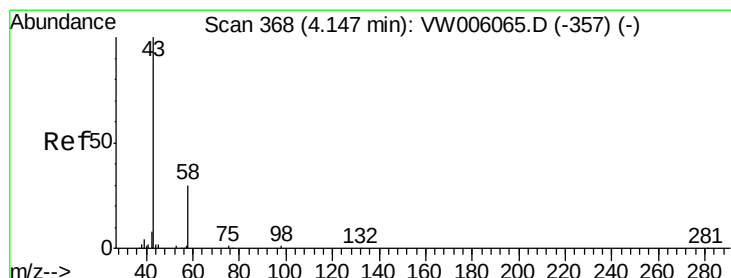
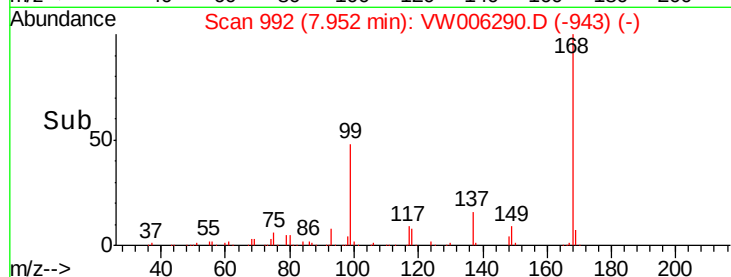
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 3.925 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW006290.D

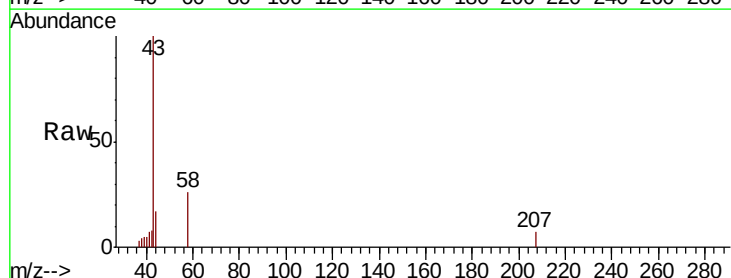
Acq: 23 Oct 2018 10:05

Tgt Ion: 43 Resp: 6978

Ion Ratio Lower Upper

43 100

58 26.3 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

2500

2000

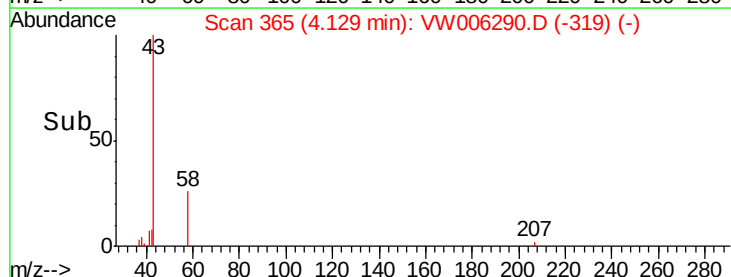
1500

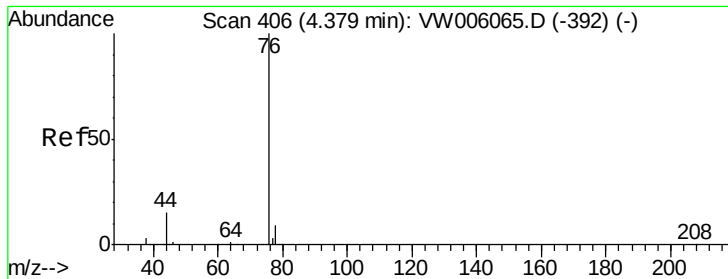
1000

500

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 2.166 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006290.D

Acq: 23 Oct 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

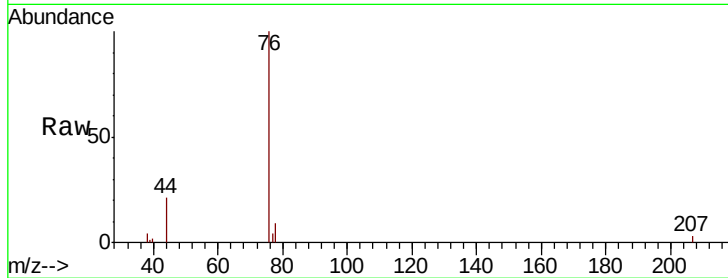
PA-SB-03B

Tot Ion: 76 Resp: 13249

Ion Ratio Lower Upper

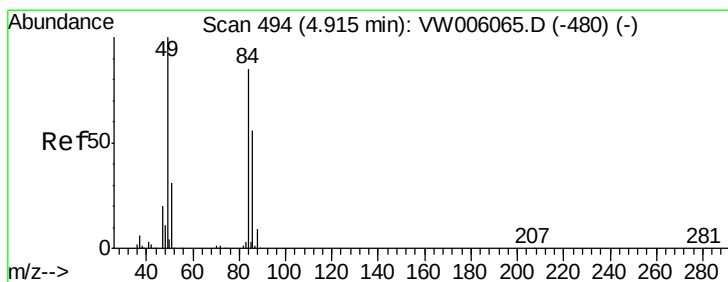
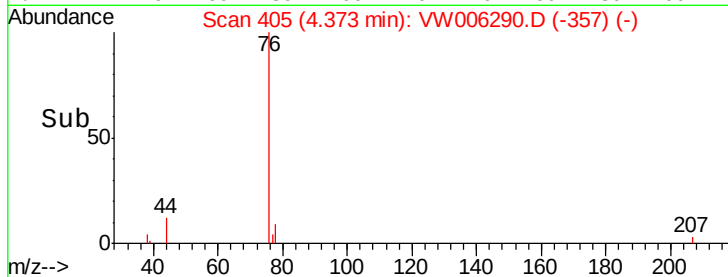
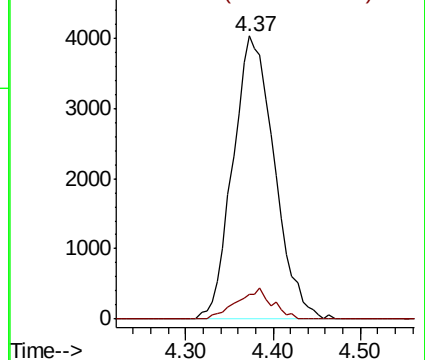
76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#20

Methylene Chloride

Concen: 2.421 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006290.D

Acq: 23 Oct 2018 10:05

Tgt Ion: 84 Resp: 8447

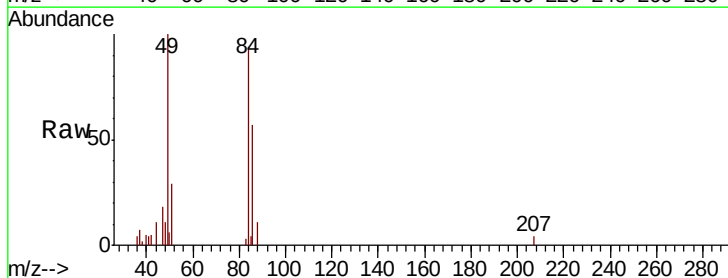
Ion Ratio Lower Upper

84 100

49 106.1 93.6 140.4

51 31.0 29.0 43.4

86 60.2 52.6 79.0

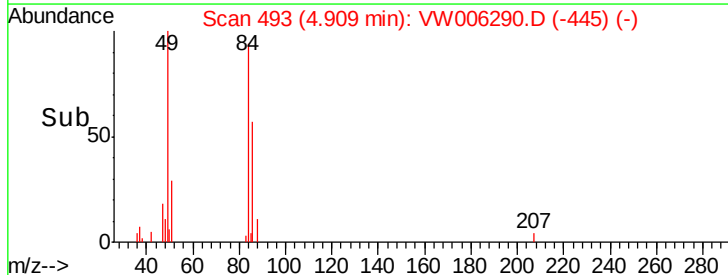
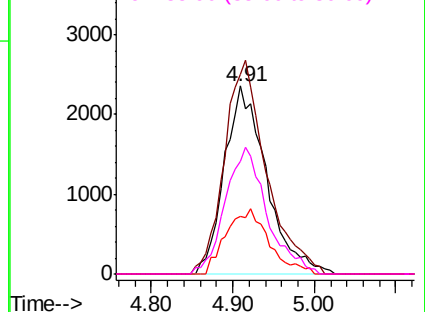


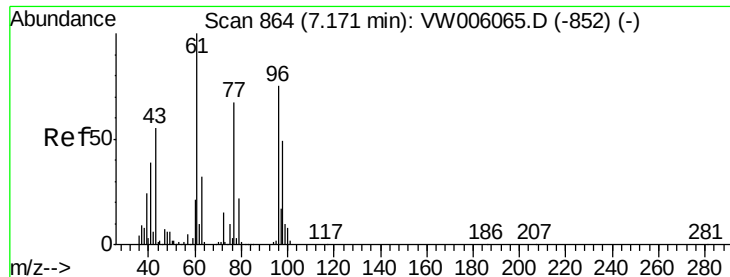
Abundance Ion 83.90 (83.60 to 84.60): VW

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



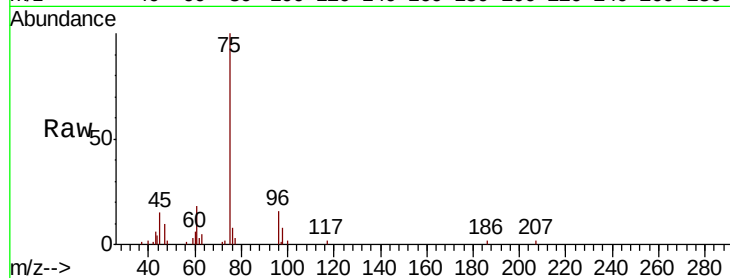


#27

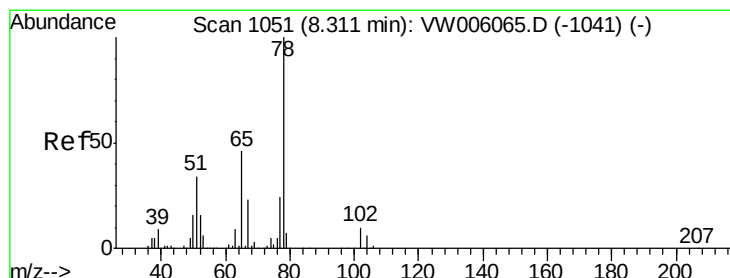
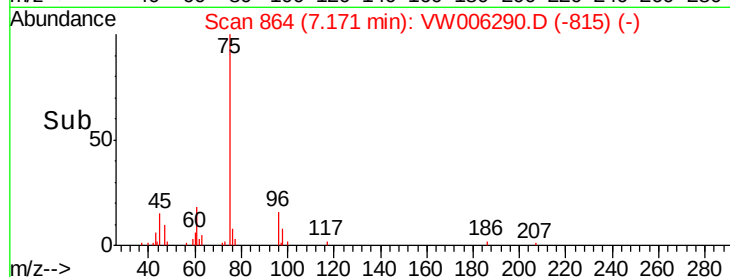
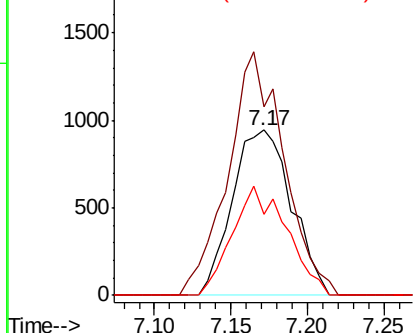
cis-1,2-Dichloroethene
 Concen: 1.015 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006290.D
 Acq: 23 Oct 2018 10:05

Instrument :
 MSVOA_W
 ClientSampled :
 PA-SB-03B

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	267.2
98	61.0	0.0	128.6



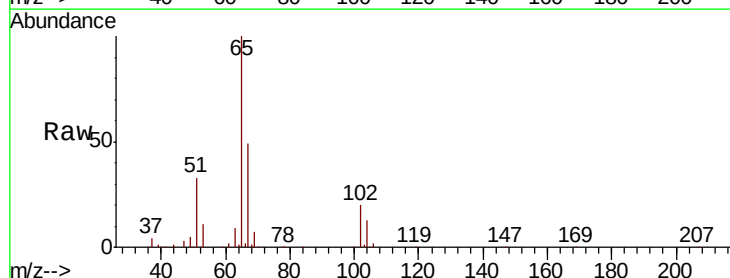
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



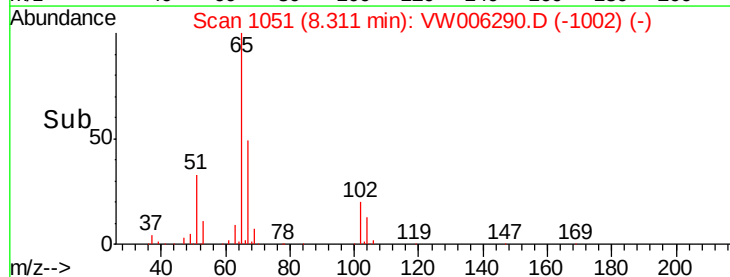
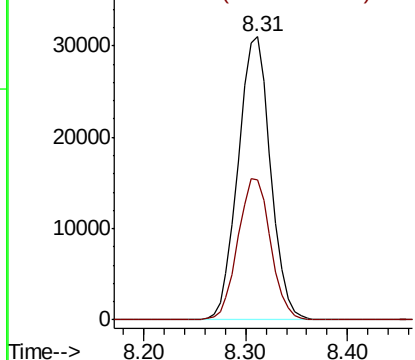
#33

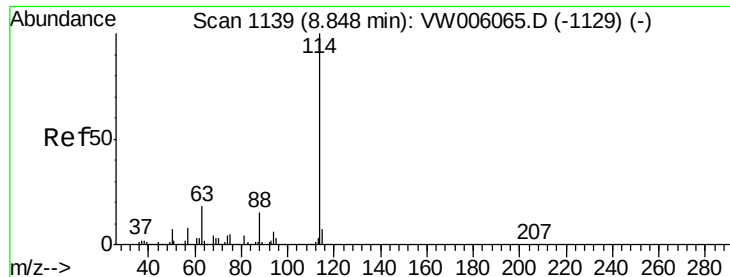
1,2-Dichloroethane-d4
 Concen: 34.037 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006290.D
 Acq: 23 Oct 2018 10:05

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.3	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: VW006290.D

Acq: 23 Oct 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-03B

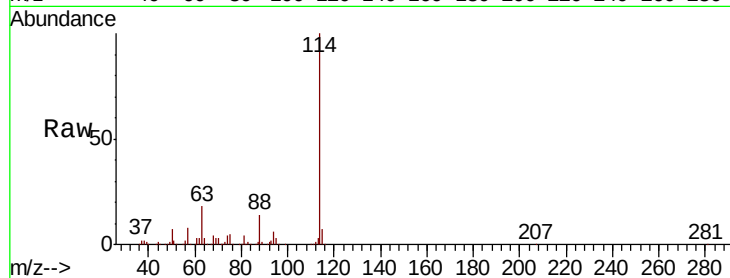
Tot Ion:114 Resp: 363244

Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

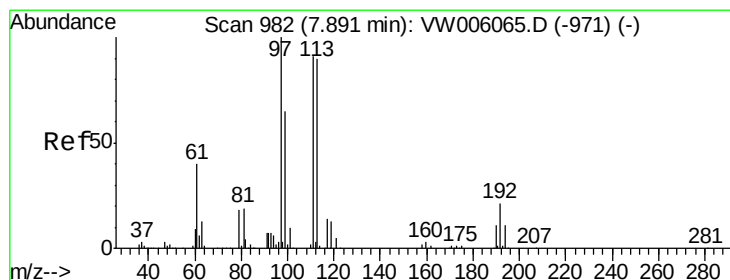
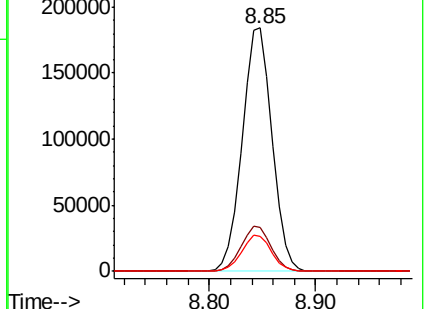
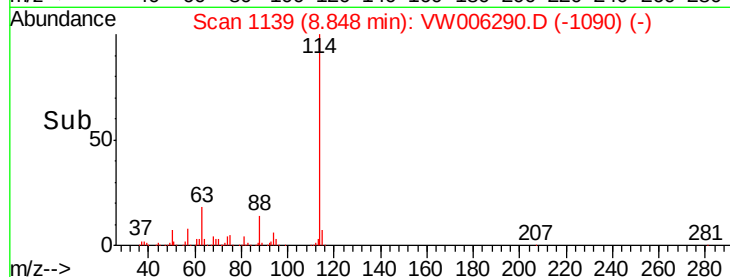
88 14.3 0.0 29.0



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



#35

Dibromofluoromethane

Concen: 31.976 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006290.D

Acq: 23 Oct 2018 10:05

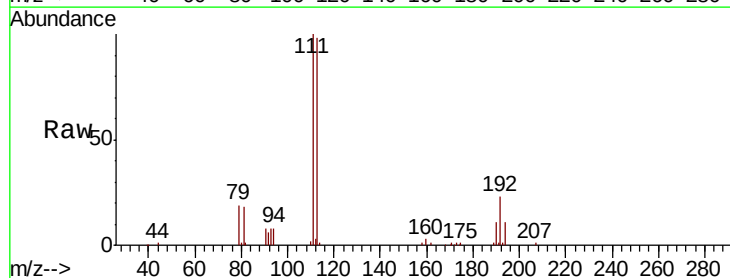
Tgt Ion:113 Resp: 68632

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

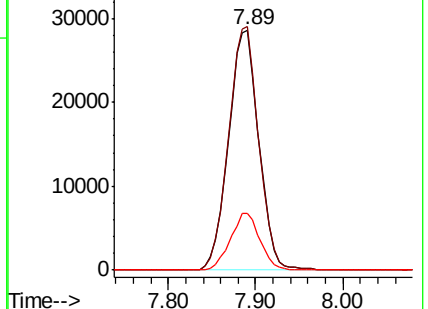
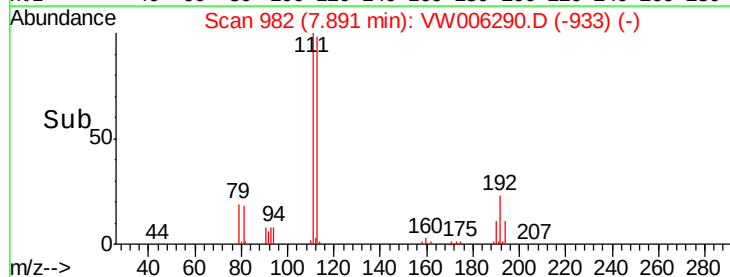
192 22.9 18.7 28.1

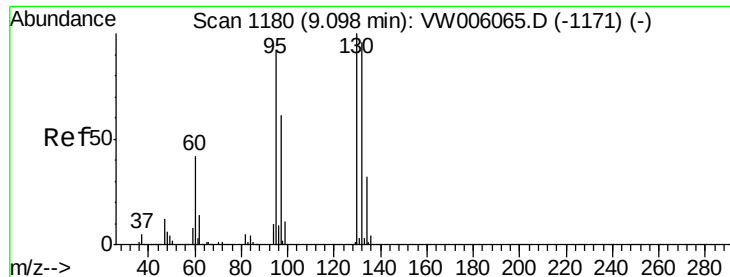


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.634 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006290.D

Acq: 23 Oct 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

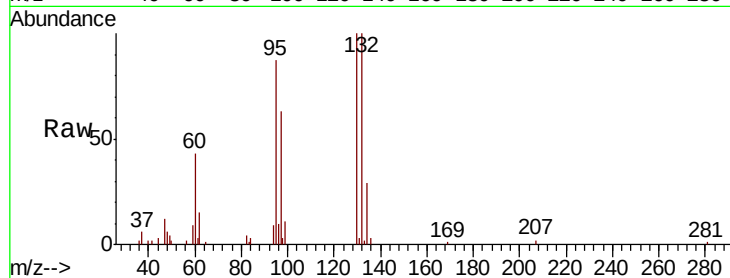
PA-SB-03B

Tot Ion:130 Resp: 10238

Ion Ratio Lower Upper

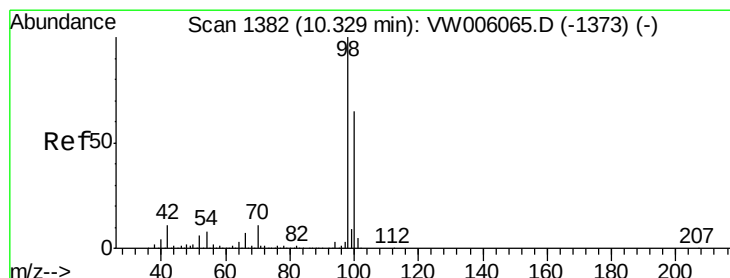
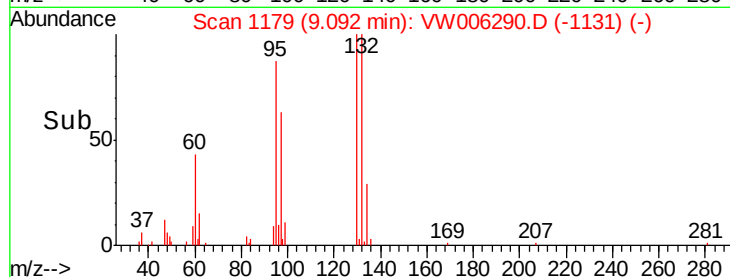
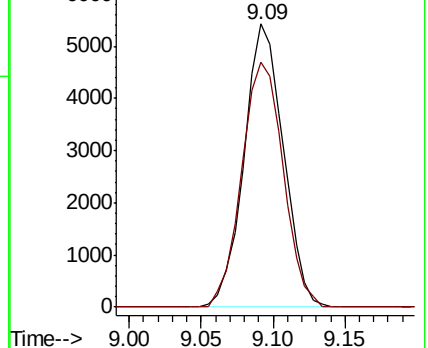
130 100

95 86.7 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW



#50

Toluene-d8

Concen: 27.172 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006290.D

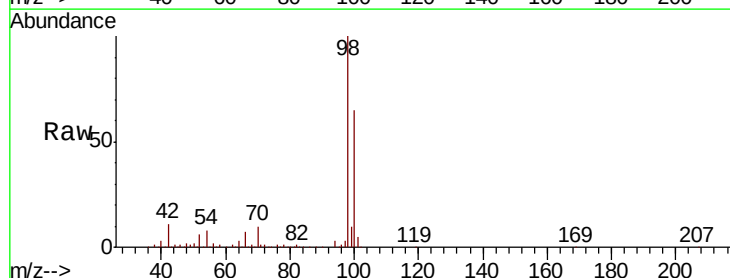
Acq: 23 Oct 2018 10:05

Tgt Ion: 98 Resp: 221886

Ion Ratio Lower Upper

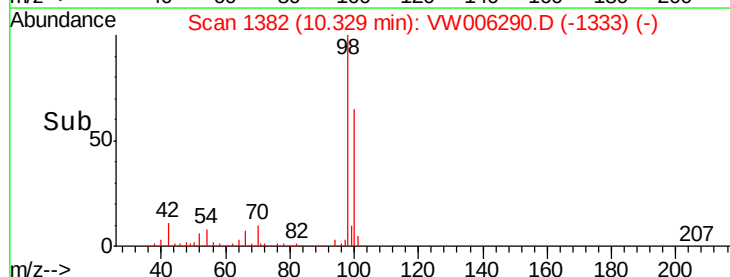
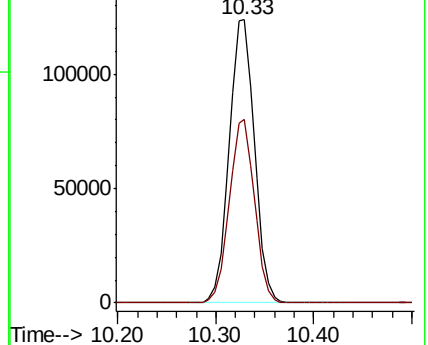
98 100

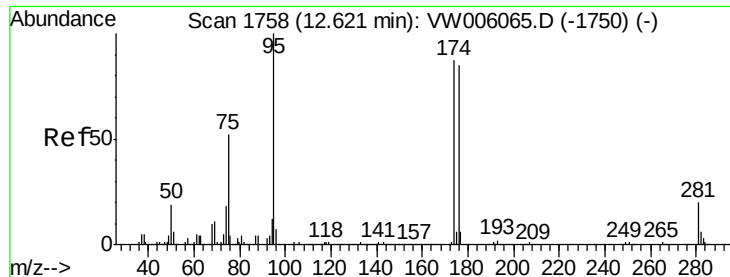
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 24.505 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006290.D

Acq: 23 Oct 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-03B

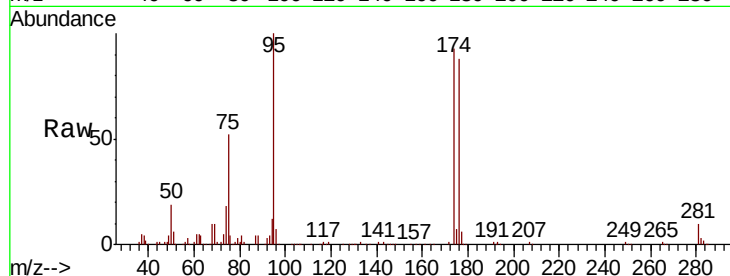
Tot Ion: 95 Resp: 75159

Ion Ratio Lower Upper

95 100

174 94.6 0.0 186.0

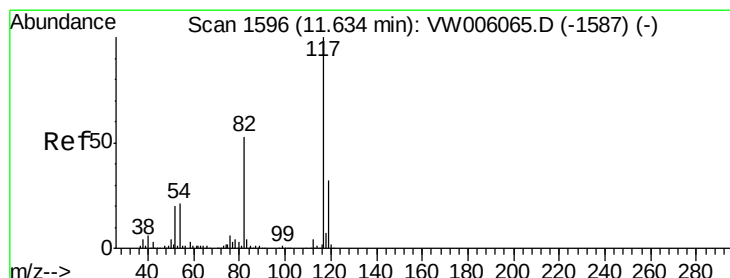
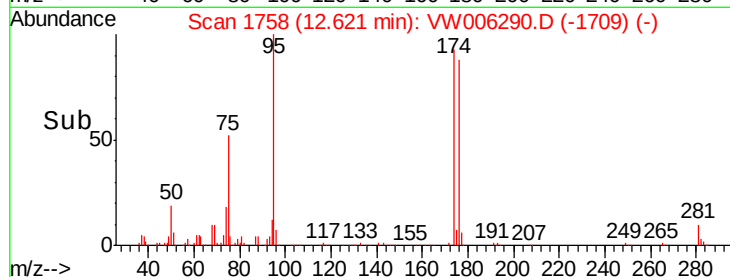
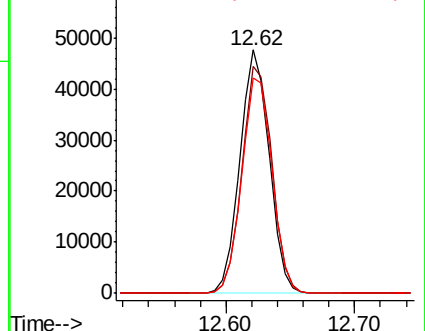
176 91.2 0.0 181.6



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: VW006290.D

Acq: 23 Oct 2018 10:05

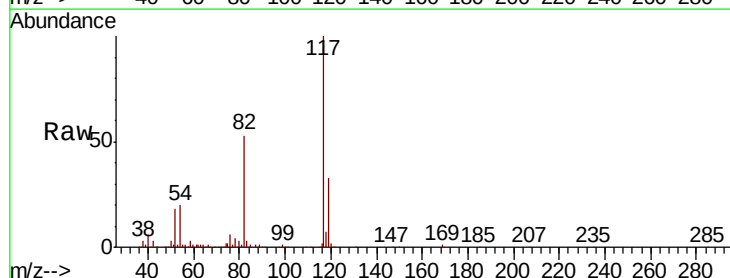
Tgt Ion: 117 Resp: 308222

Ion Ratio Lower Upper

117 100

82 52.9 42.1 63.1

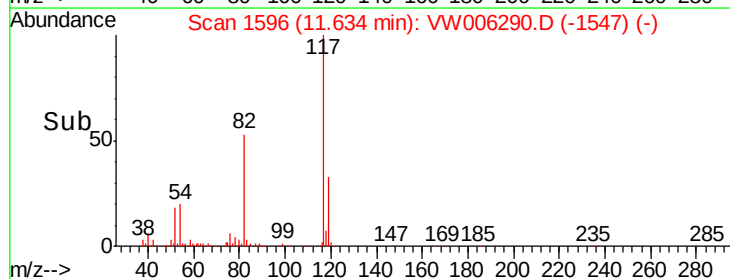
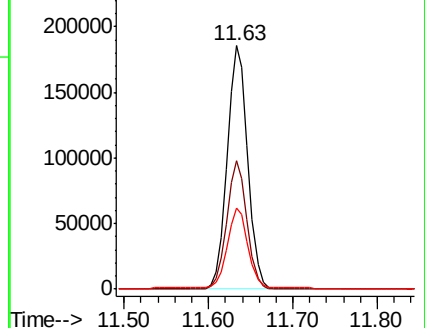
119 33.3 25.8 38.6

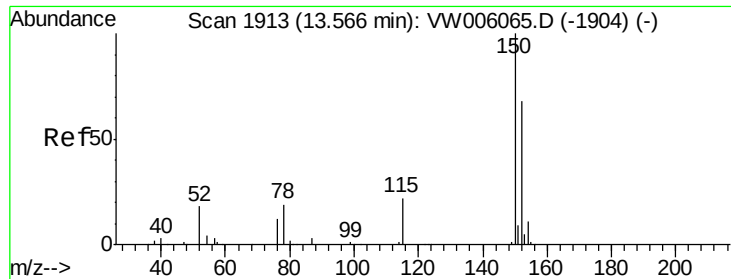


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006290.D

Acq: 23 Oct 2018 10:05

Instrument :

MSVOA_W

ClientSampleId :

PA-SB-03B

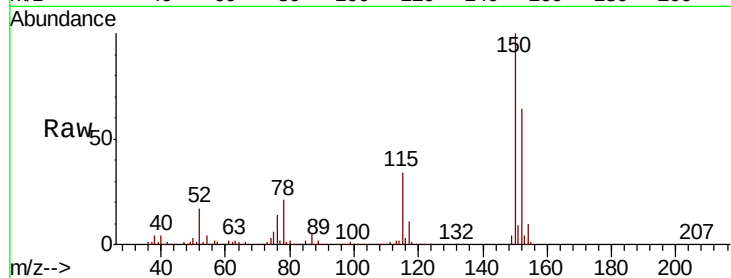
Tot Ion:152 Resp: 134764

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.3

150 156.7 0.0 349.2



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

