

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007686.D
 Acq On : 19 Dec 2018 05:24
 Operator : SY/AP
 Sample : J6386-09
 Misc : 4.68G/5ML/MSVOA_W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0006-01

Quant Time: Dec 19 06:38:29 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

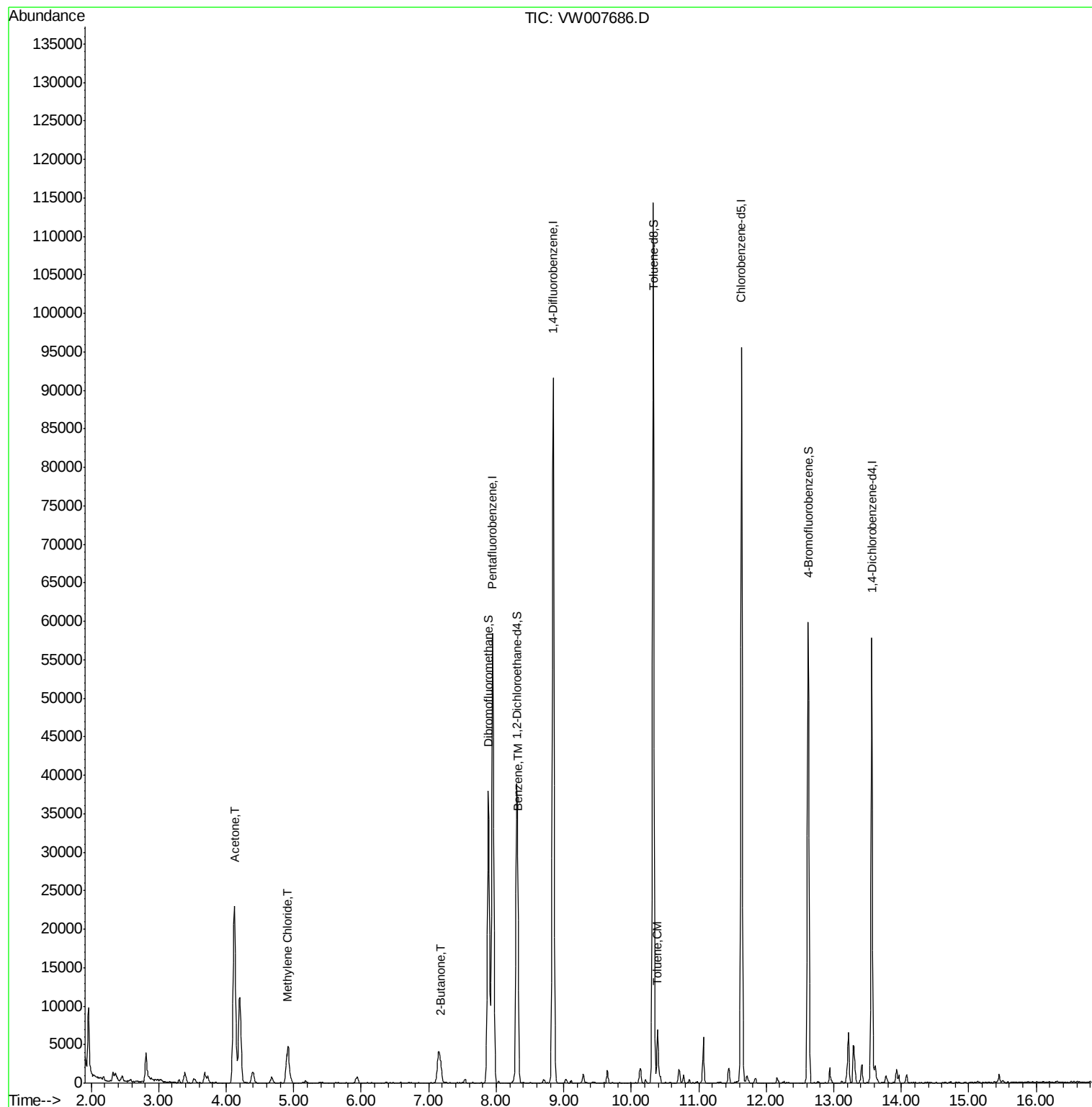
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	42060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	77441	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	54260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	15287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	31736	68.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.02%	
35) Dibromofluoromethane	7.88	113	26769	57.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.20%	
50) Toluene-d8	10.32	98	76473	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
62) 4-Bromofluorobenzene	12.62	95	19192	29.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	59.40%	
Target Compounds						
16) Acetone	4.12	43	40081	491.761	ug/l	95
20) Methylene Chloride	4.91	84	4090	5.706	ug/l #	88
25) 2-Butanone	7.18	43	3713	34.895	ug/l	90
40) Benzene	8.32	78	2361	1.204	ug/l	100
52) Toluene	10.39	92	2956	2.330	ug/l	99

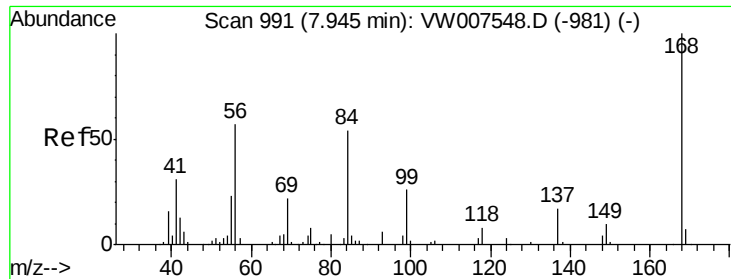
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007686.D

Acq: 19 Dec 2018 05:24

Instrument :

MSVOA_W

ClientSampleId :

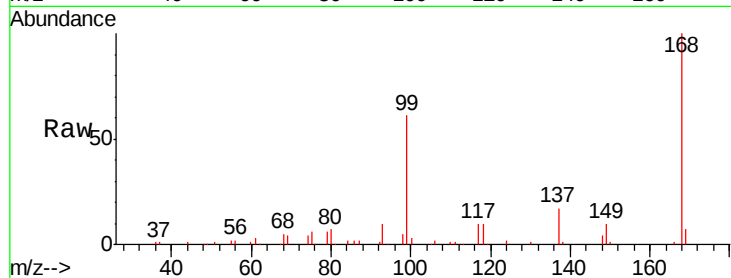
P001-SS006-0006-01

Tgt Ion: 168 Resp: 42060

Ion Ratio Lower Upper

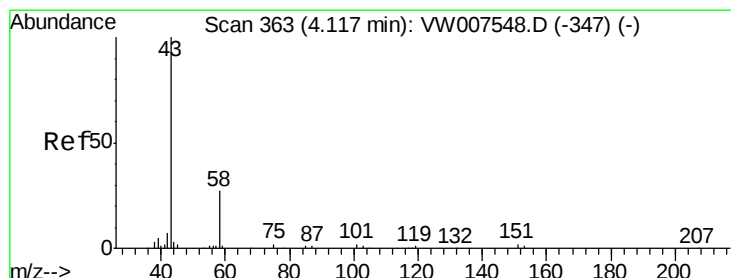
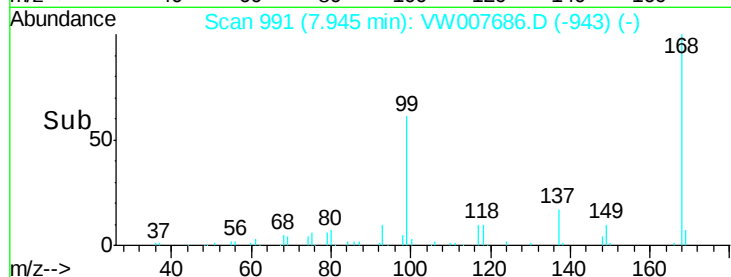
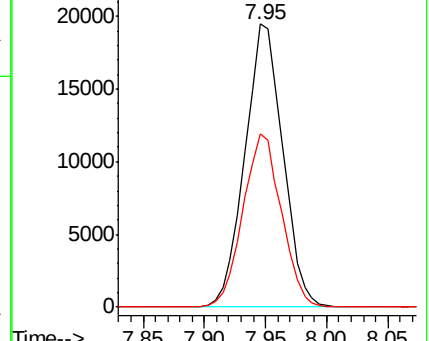
168 100

99 61.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 491.761 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007686.D

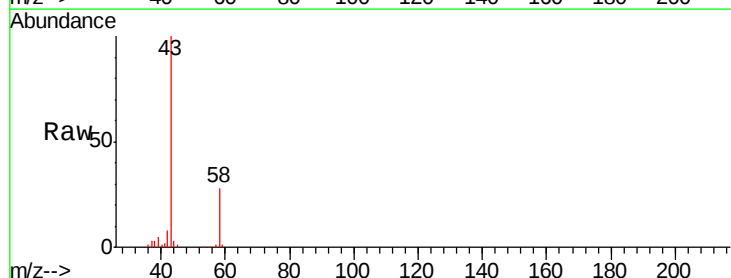
Acq: 19 Dec 2018 05:24

Tgt Ion: 43 Resp: 40081

Ion Ratio Lower Upper

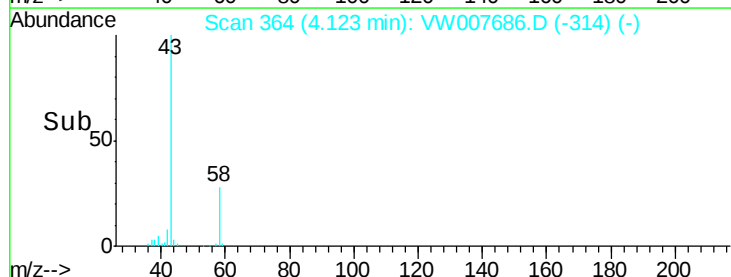
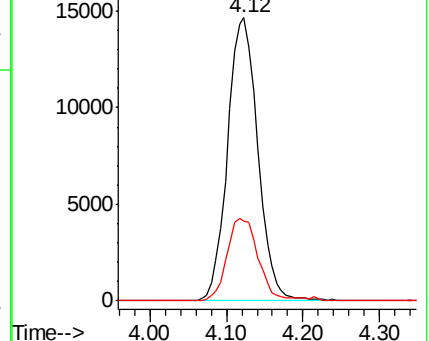
43 100

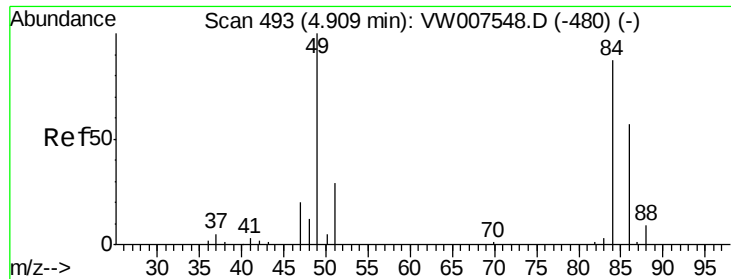
58 28.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

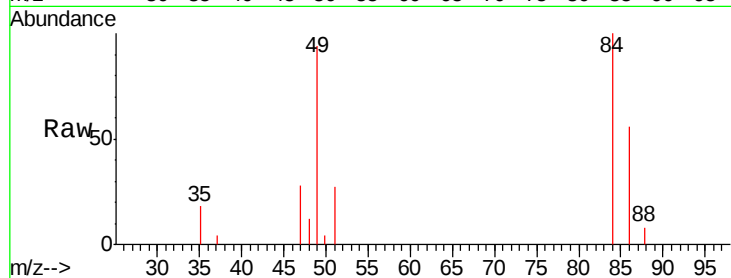




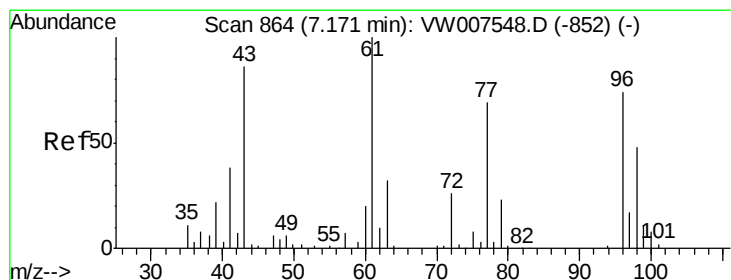
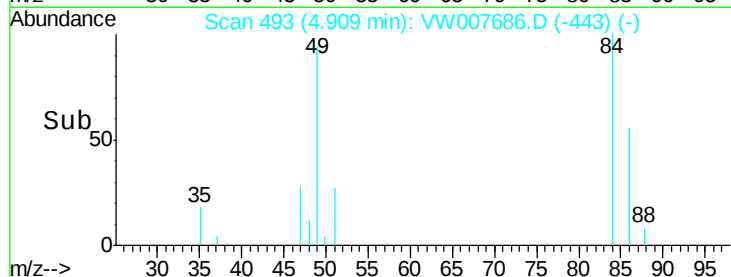
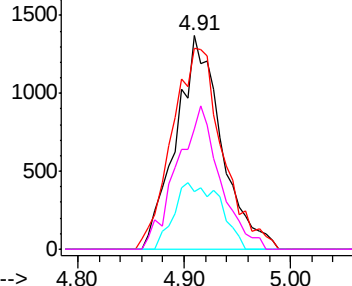
#20
Methylene Chloride
Concen: 5.706 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

Instrument :
MSVOA_W
ClientSampleId :
P001-SS006-0006-01

Tgt Ion: 84 Resp: 4090
Ion Ratio Lower Upper
84 100
49 94.4 87.1 130.7
51 27.2 28.2 42.2#
86 56.4 50.8 76.2

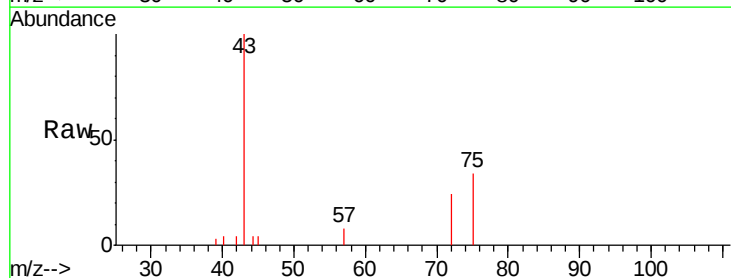


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

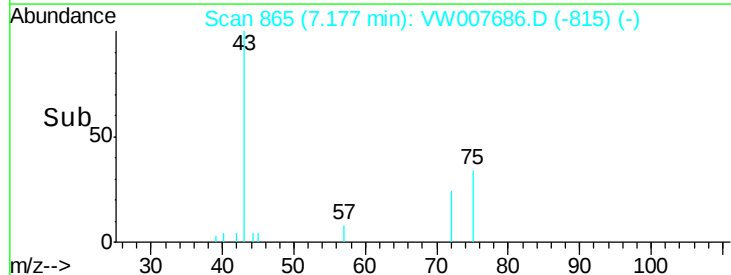
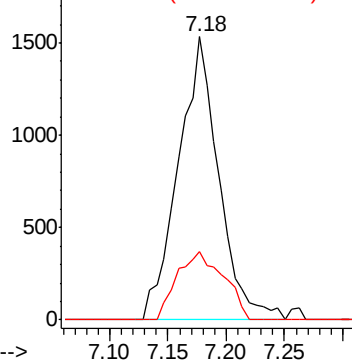


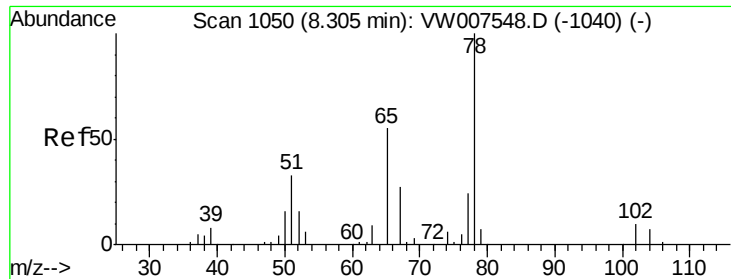
#25
2-Butanone
Concen: 34.895 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

Tgt Ion: 43 Resp: 3713
Ion Ratio Lower Upper
43 100
72 24.1 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 68.012 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007686.D

Acq: 19 Dec 2018 05:24

Instrument :

MSVOA_W

ClientSampleId :

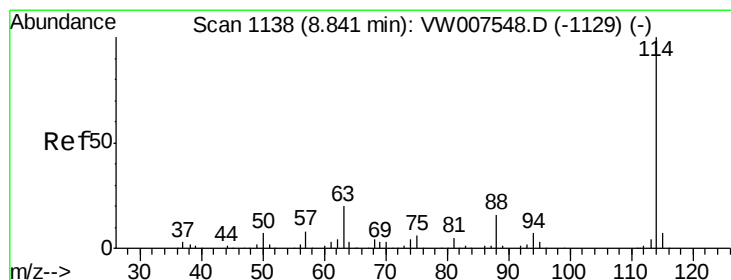
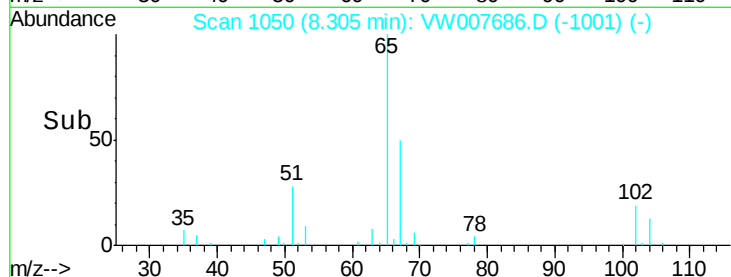
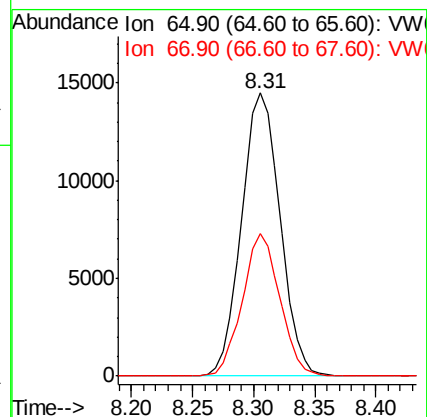
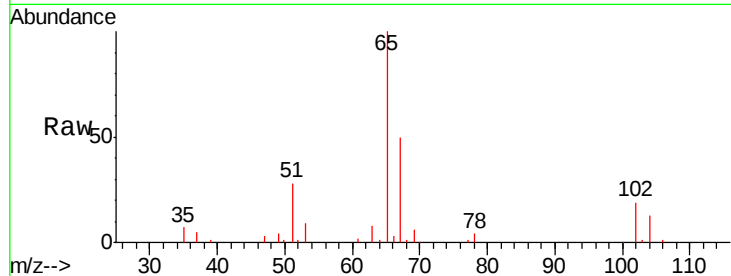
P001-SS006-0006-01

Tgt Ion: 65 Resp: 31736

Ion Ratio Lower Upper

65 100

67 48.7 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: VW007686.D

Acq: 19 Dec 2018 05:24

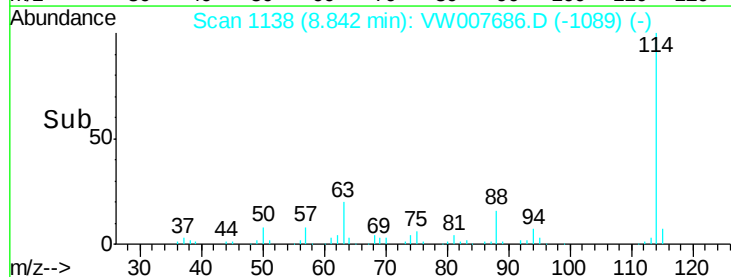
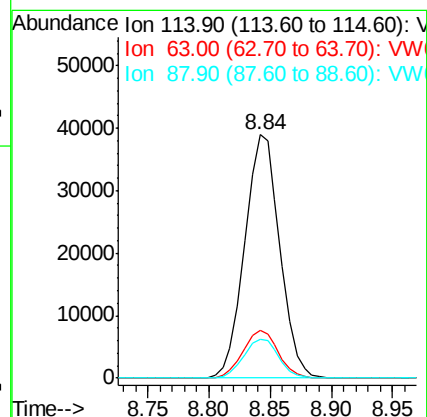
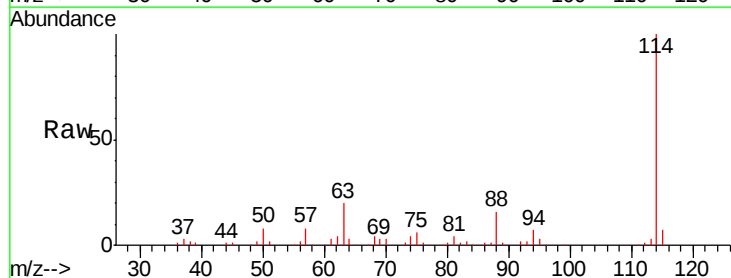
Tgt Ion: 114 Resp: 77441

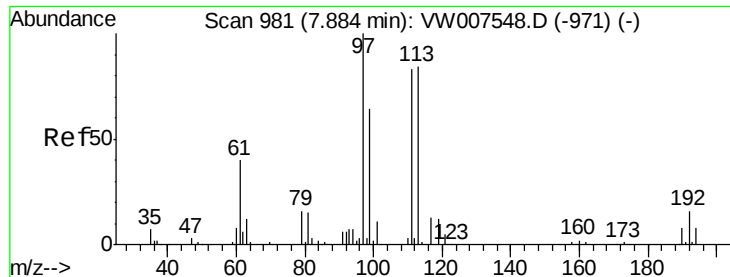
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.0 0.0 31.4

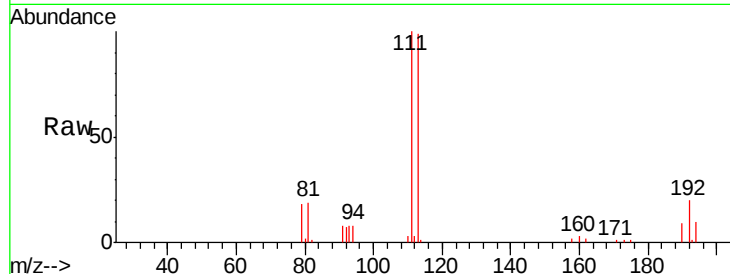




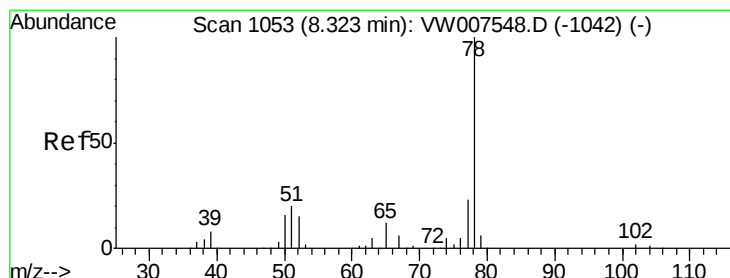
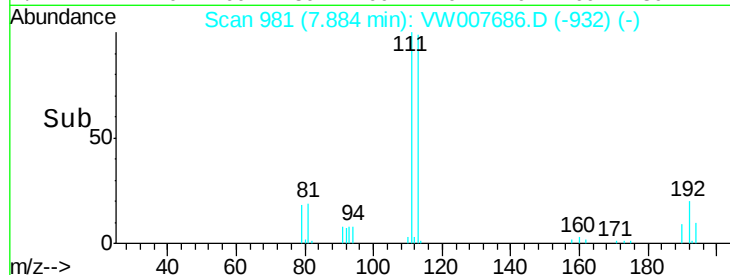
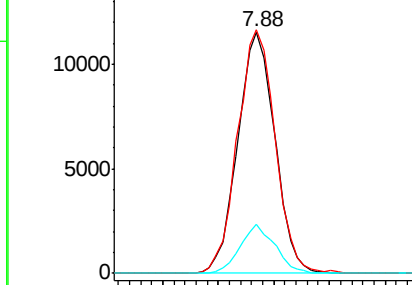
#35
 Dibromofluoromethane
 Concen: 57.103 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007686.D
 Acq: 19 Dec 2018 05:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS006-0006-01

Tgt Ion: 113 Resp: 26769
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 18.9 14.6 21.8

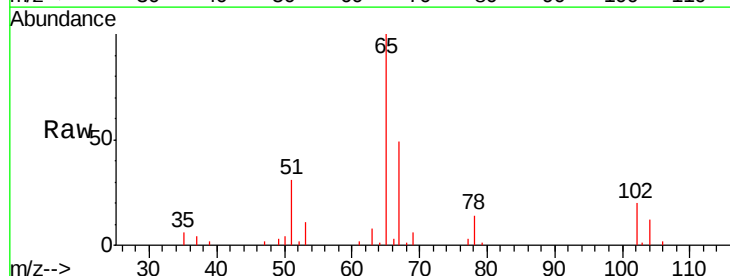


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

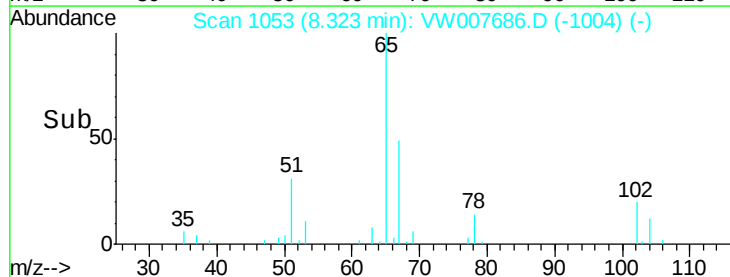
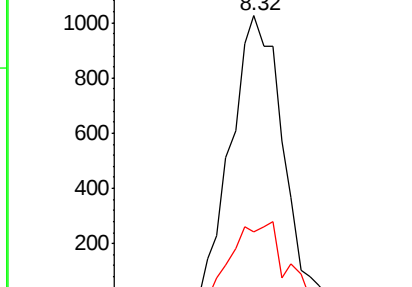


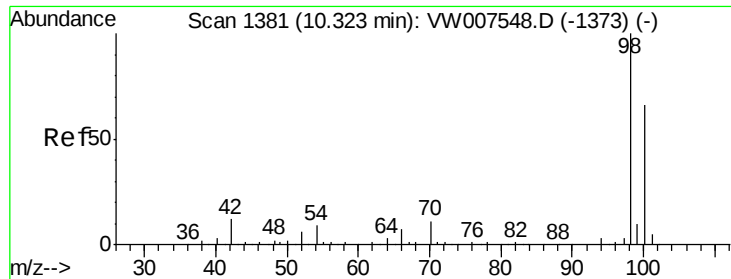
#40
 Benzene
 Concen: 1.204 ug/l
 RT: 8.32 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VW007686.D
 Acq: 19 Dec 2018 05:24

Tgt Ion: 78 Resp: 2361
 Ion Ratio Lower Upper
 78 100
 77 23.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VW
 Ion 77.00 (76.70 to 77.70): VW

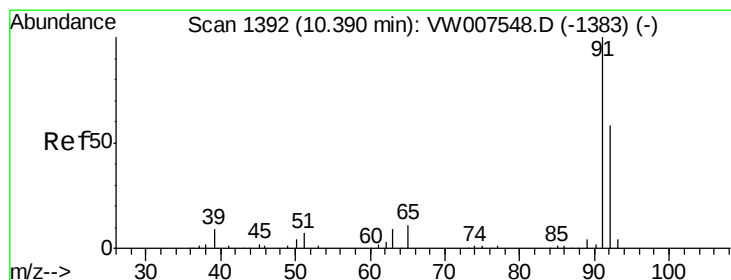
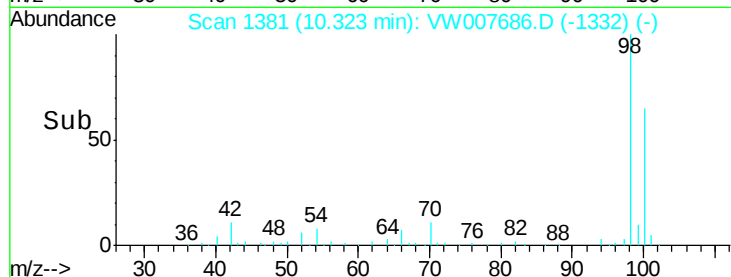
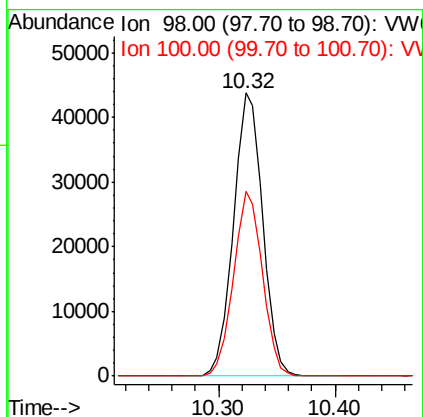
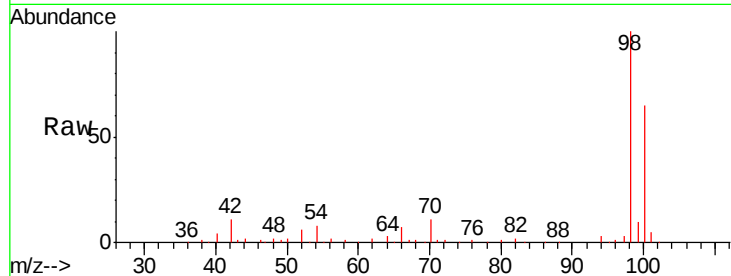




#50
Toluene-d8
Concen: 43.508 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

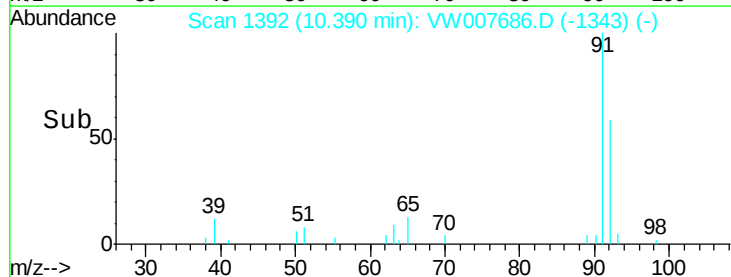
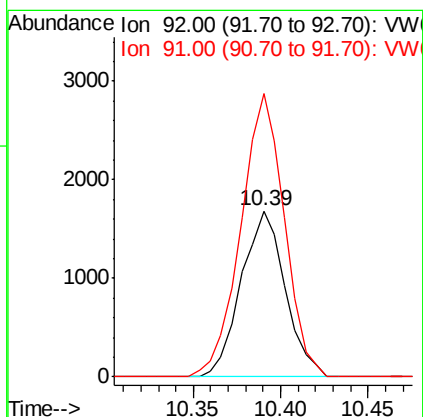
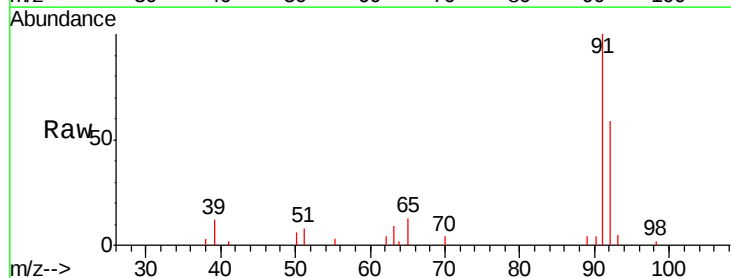
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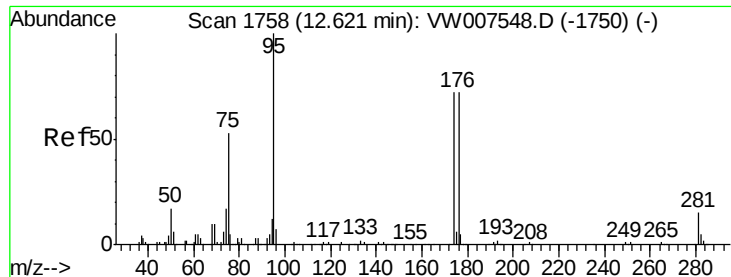
Tgt Ion: 98 Resp: 76473
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8



#52
Toluene
Concen: 2.330 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

Tgt Ion: 92 Resp: 2956
Ion Ratio Lower Upper
92 100
91 168.6 136.2 204.2

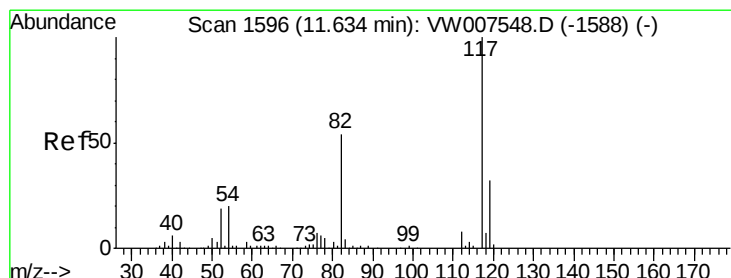
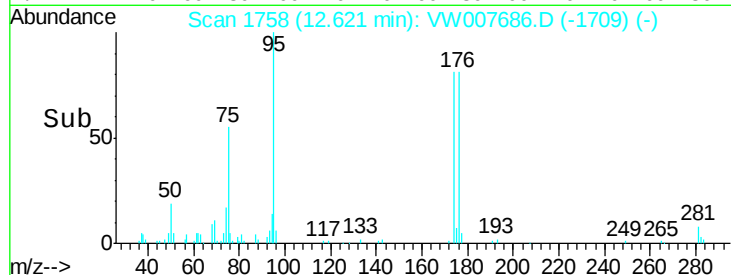
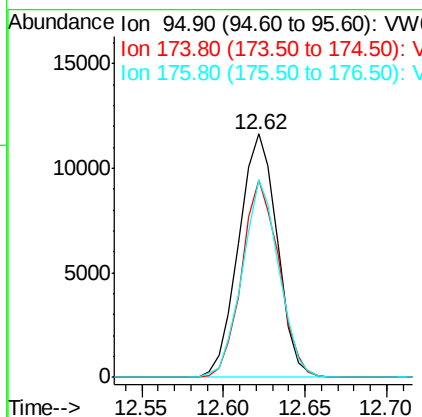
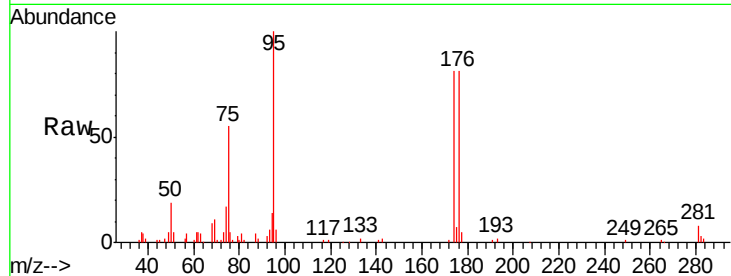




#62
4-Bromofluorobenzene
Concen: 29.698 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

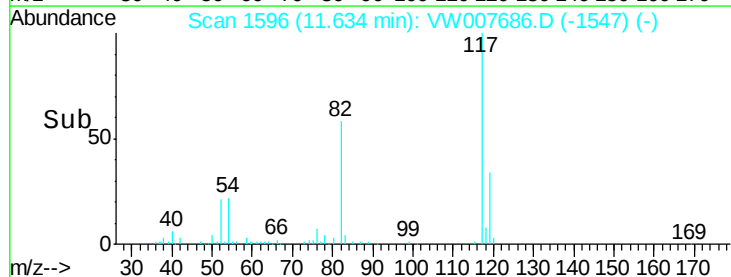
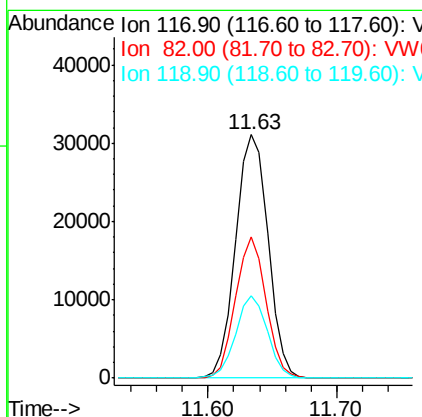
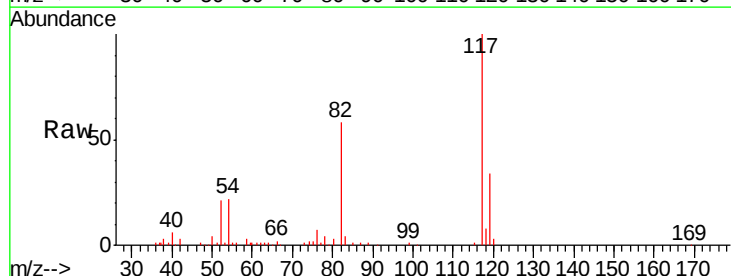
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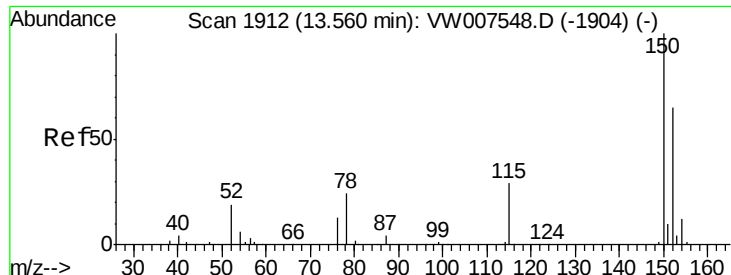
Tgt Ion: 95 Resp: 19192
Ion Ratio Lower Upper
95 100
174 77.9 0.0 147.2
176 77.4 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007686.D
Acq: 19 Dec 2018 05:24

Tgt Ion: 117 Resp: 54260
Ion Ratio Lower Upper
117 100
82 57.8 42.3 63.5
119 33.7 23.0 34.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007686.D

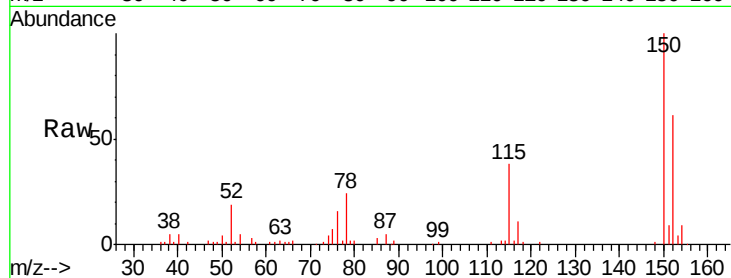
Acq: 19 Dec 2018 05:24

Instrument :

MSVOA_W

ClientSampleId :

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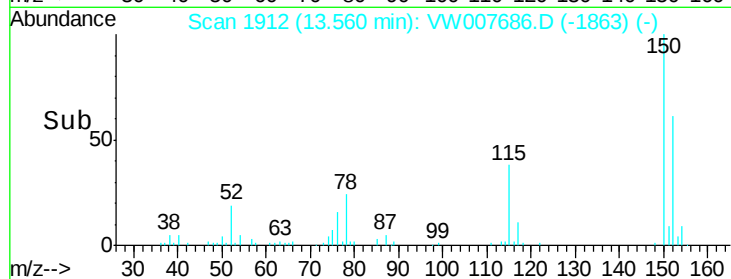
Tgt Ion:152 Resp: 15287

Ion Ratio Lower Upper

152 100

115 61.2 31.4 94.2

150 157.9 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

