

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101618\
 Data File : VW006105.D
 Acq On : 17 Oct 2018 04:47
 Operator : VA/AP
 Sample : J5539-02
 Misc : 7.56G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-3-5FT

Quant Time: Oct 17 07:50:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

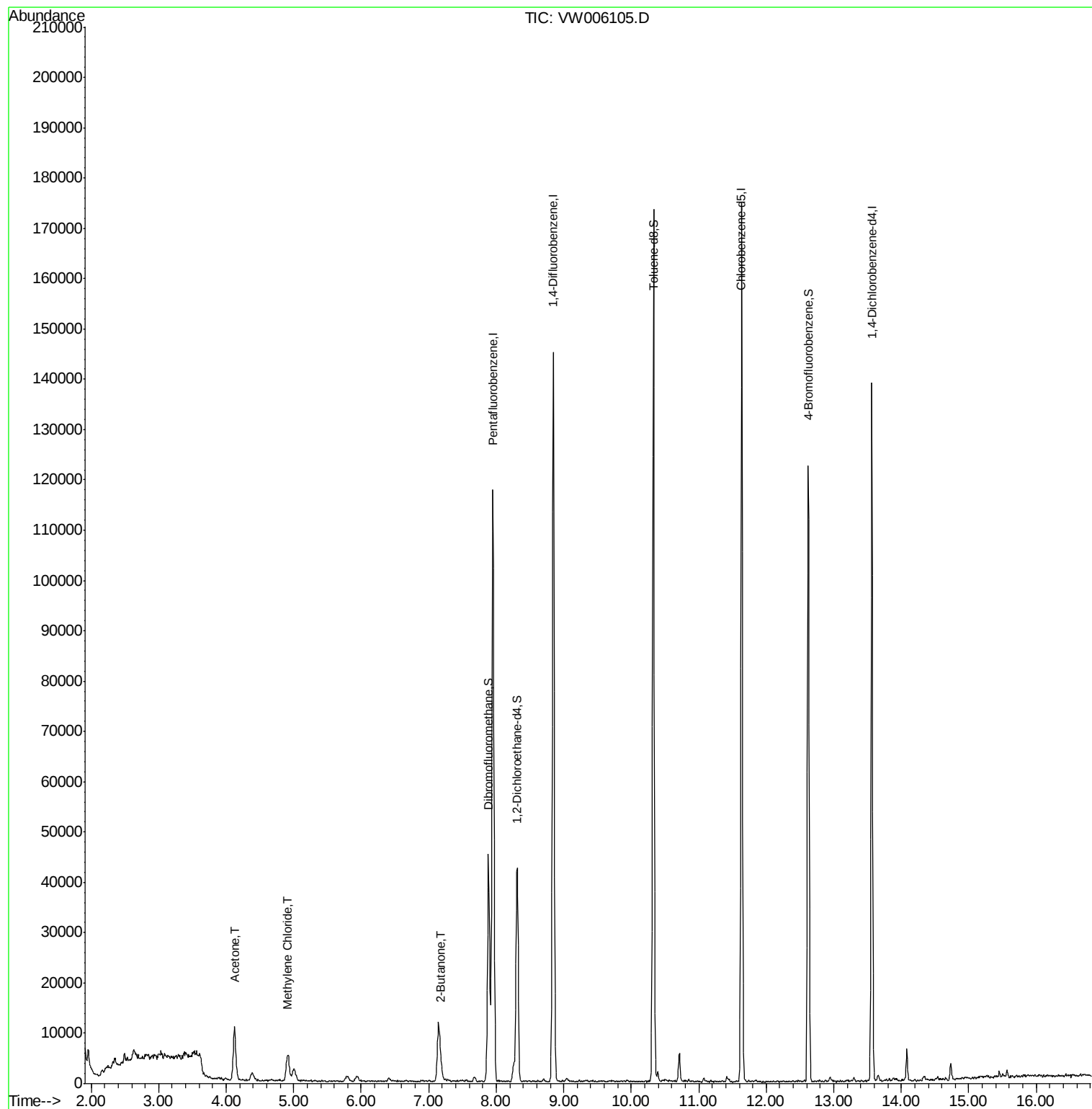
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	93512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	131045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	99188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	38747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	34039	43.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.82%	
35) Dibromofluoromethane	7.89	113	31860	41.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.28%	
50) Toluene-d8	10.33	98	119026	40.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.80%	
62) 4-Bromofluorobenzene	12.62	95	35062	31.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.38%	
Target Compounds						
16) Acetone	4.12	43	17989	115.732	ug/l	96
20) Methylene Chloride	4.92	84	4187	3.593	ug/l	85
25) 2-Butanone	7.18	43	4320	20.627	ug/l	95

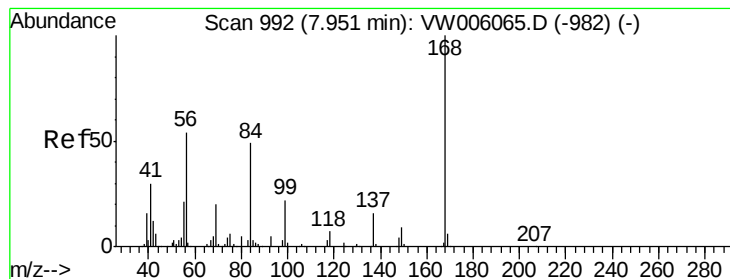
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-8-3-5FT

Quant Time: Oct 17 07:50:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 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: VW006105.D

Acq: 17 Oct 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

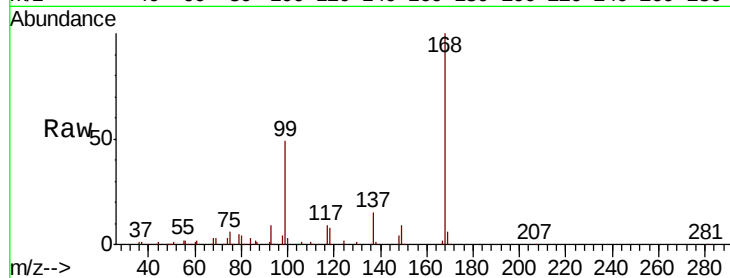
SB-8-3-5FT

Tot Ion:168 Resp: 93512

Ion Ratio Lower Upper

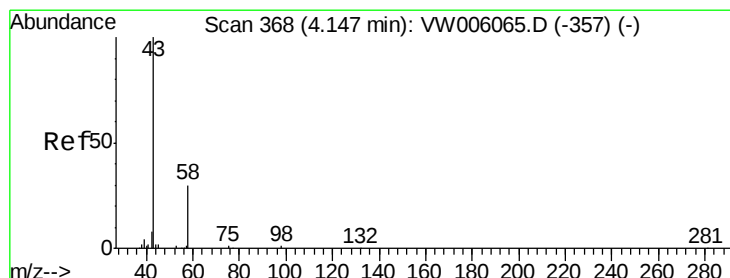
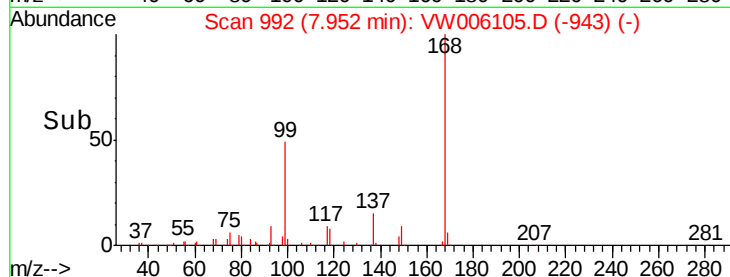
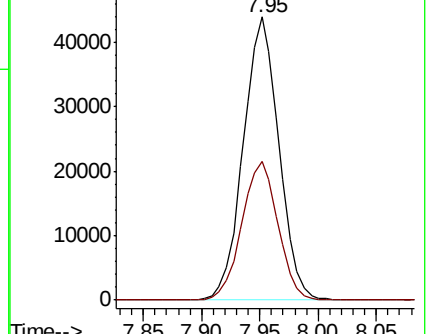
168 100

99 49.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 115.732 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006105.D

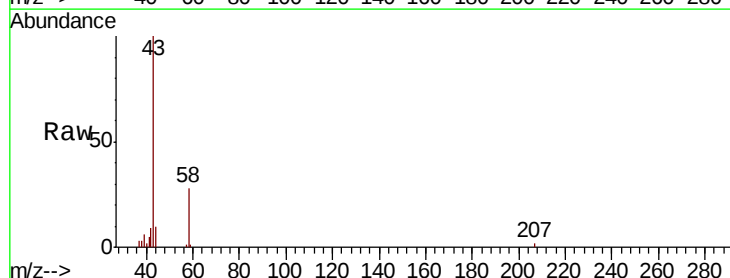
Acq: 17 Oct 2018 04:47

Tgt Ion: 43 Resp: 17989

Ion Ratio Lower Upper

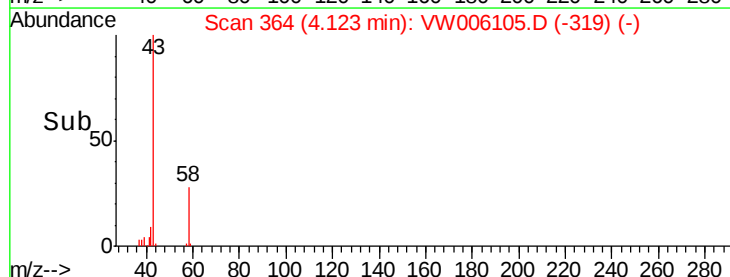
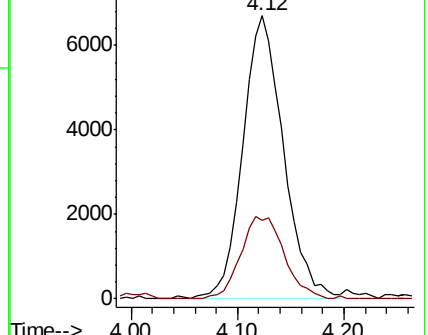
43 100

58 27.9 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 3.593 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006105.D

Acq: 17 Oct 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

SB-8-3-5FT

Tot Ion: 84 Resp: 4187

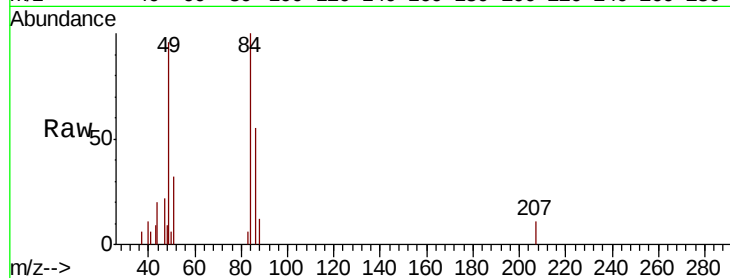
Ion Ratio Lower Upper

84 100

49 96.4 93.6 140.4

51 32.2 29.0 43.4

86 55.0 52.6 79.0



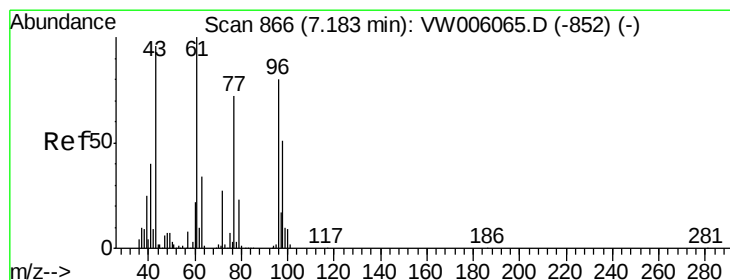
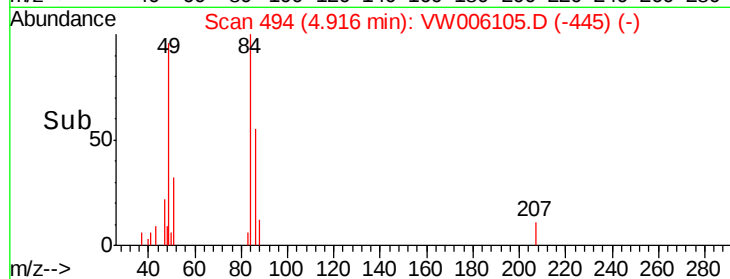
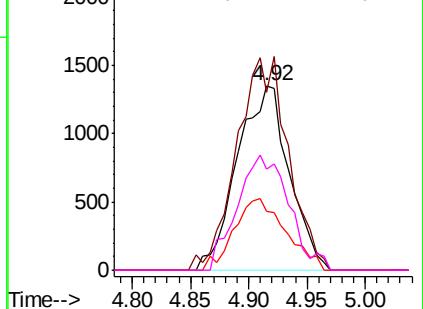
Abundance

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



#25

2-Butanone

Concen: 20.627 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006105.D

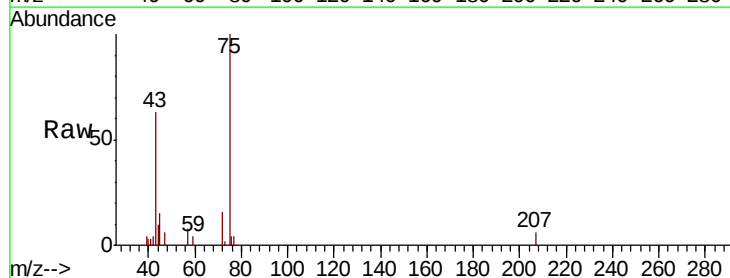
Acq: 17 Oct 2018 04:47

Tgt Ion: 43 Resp: 4320

Ion Ratio Lower Upper

43 100

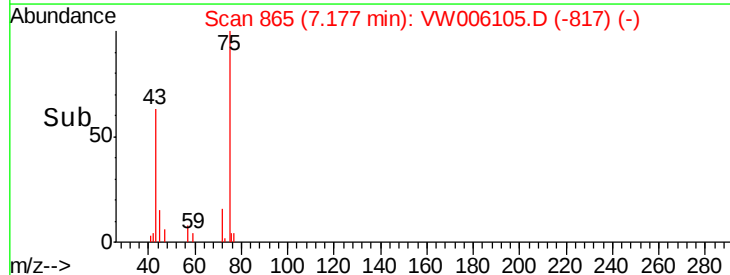
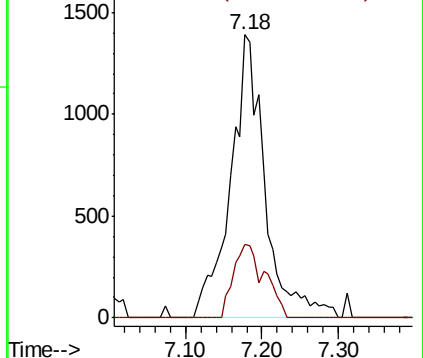
72 26.0 22.8 34.2

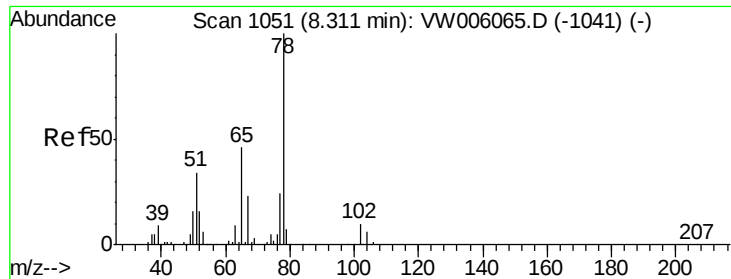


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

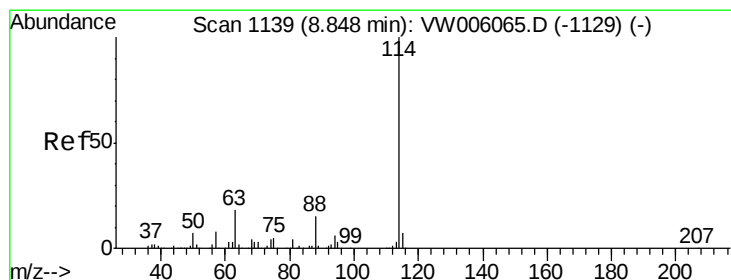
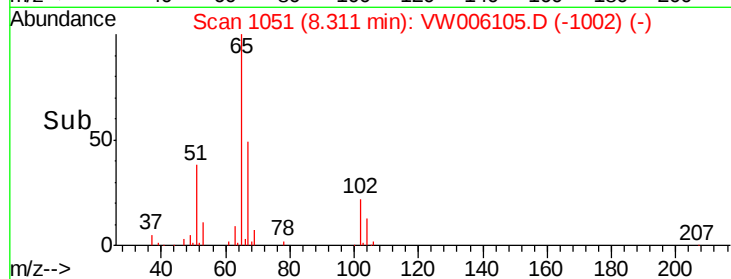
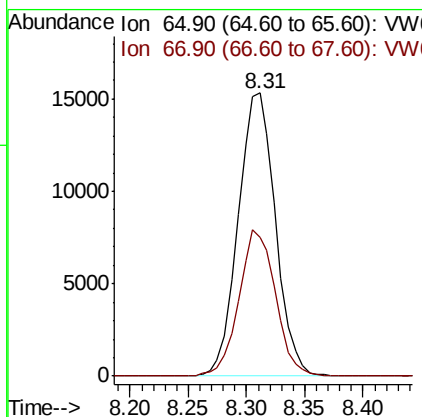
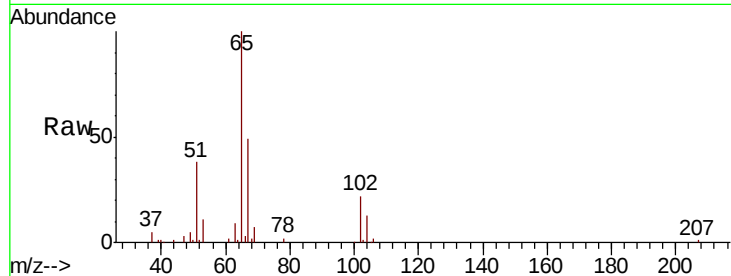




#33
 1,2-Dichloroethane-d4
 Concen: 43.906 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006105.D
 Acq: 17 Oct 2018 04:47

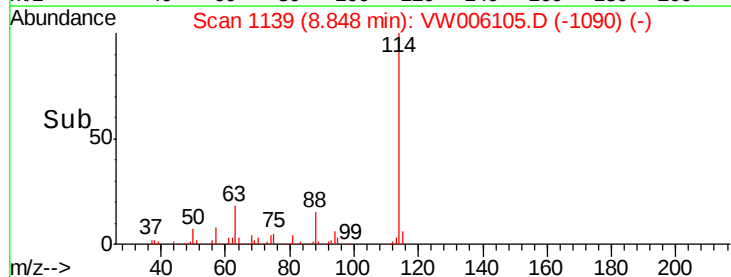
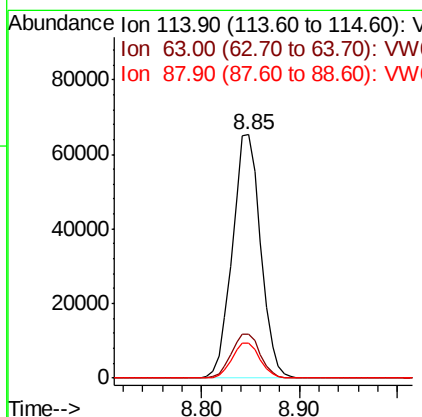
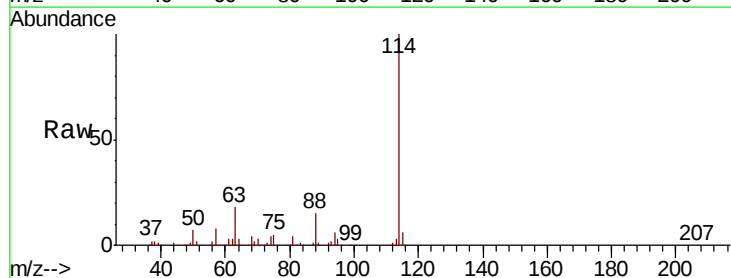
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-8-3-5FT

Tot Ion: 65 Resp: 34039
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006105.D
 Acq: 17 Oct 2018 04:47

Tgt Ion: 114 Resp: 131045
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 41.145 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006105.D

Acq: 17 Oct 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

SB-8-3-5FT

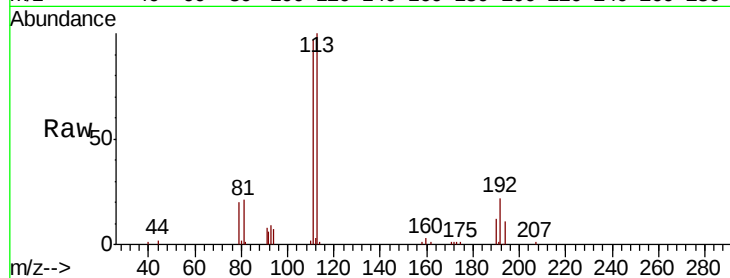
Tot Ion:113 Resp: 31860

Ion Ratio Lower Upper

113 100

111 99.1 81.4 122.0

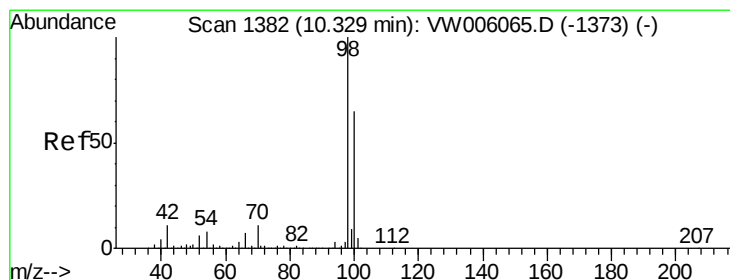
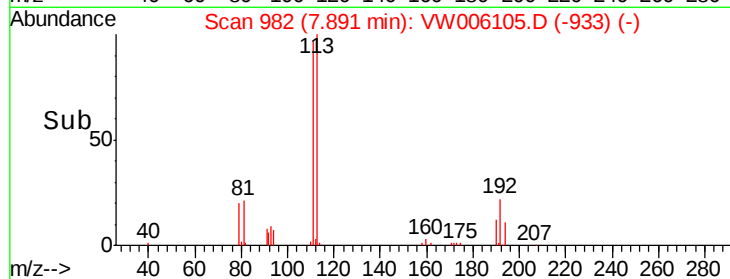
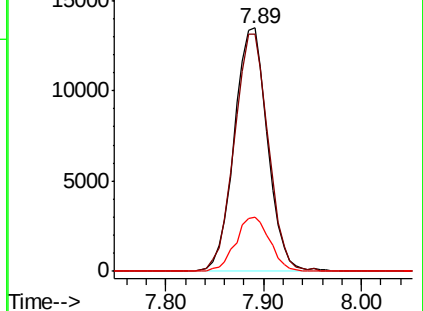
192 22.7 18.7 28.1



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



#50

Toluene-d8

Concen: 40.403 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006105.D

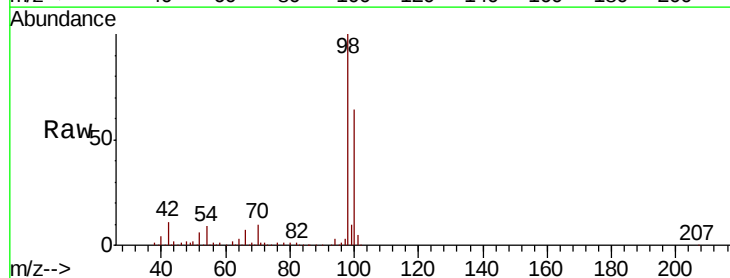
Acq: 17 Oct 2018 04:47

Tgt Ion: 98 Resp: 119026

Ion Ratio Lower Upper

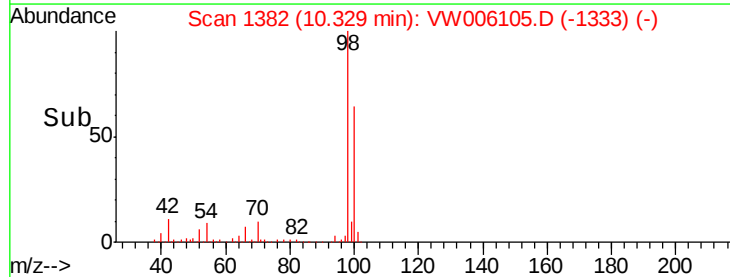
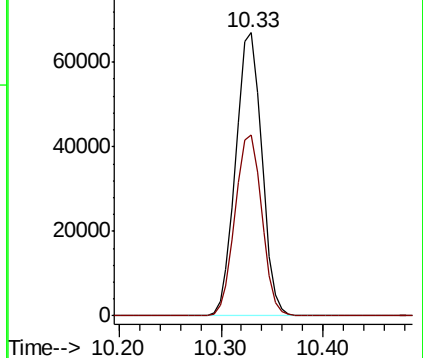
98 100

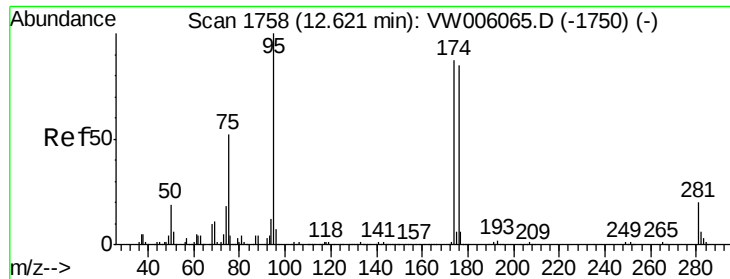
100 65.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

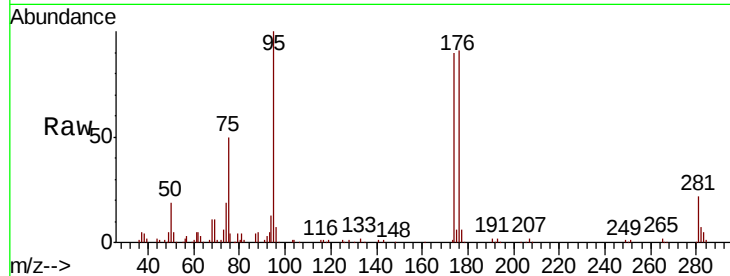




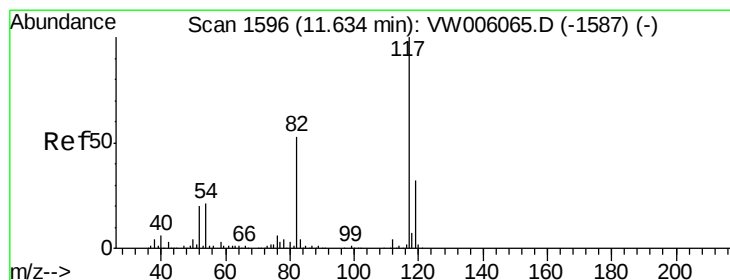
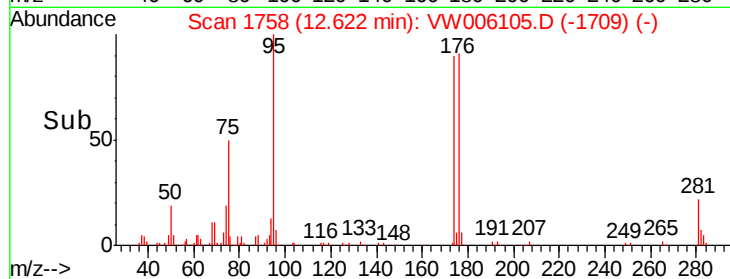
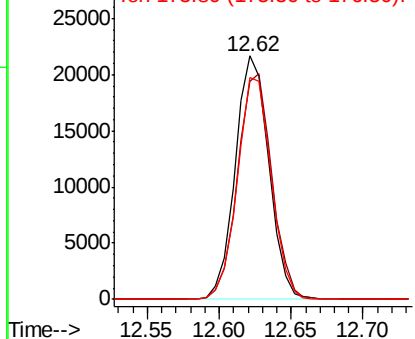
#62
4-Bromofluorobenzene
Concen: 31.688 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006105.D
Acq: 17 Oct 2018 04:47

Instrument :
MSVOA_W
ClientSampleId :
SB-8-3-5FT

Tot Ion: 95 Resp: 35062
Ion Ratio Lower Upper
95 100
174 94.4 0.0 186.0
176 92.0 0.0 181.6

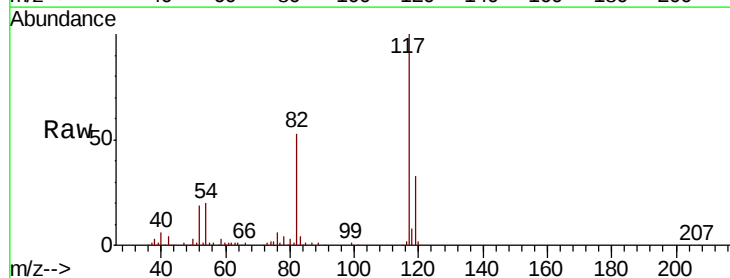


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

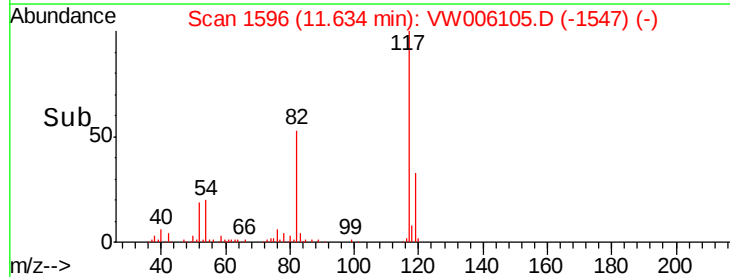
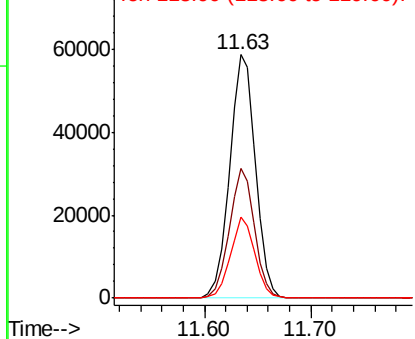


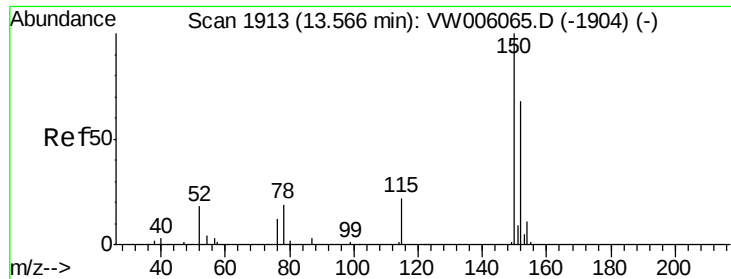
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006105.D
Acq: 17 Oct 2018 04:47

Tgt Ion: 117 Resp: 99188
Ion Ratio Lower Upper
117 100
82 53.0 42.1 63.1
119 33.1 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: VW006105.D

Acq: 17 Oct 2018 04:47

Instrument :

MSVOA_W

ClientSampleId :

SB-8-3-5FT

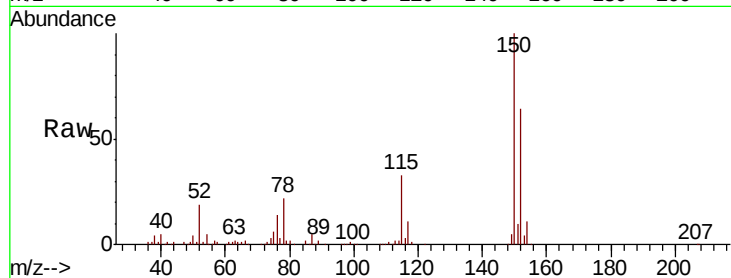
Tot Ion:152 Resp: 38747

Ion Ratio Lower Upper

152 100

115 54.4 27.8 83.3

150 157.6 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

