

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006253.D
 Acq On : 22 Oct 2018 16:01
 Operator : VA/AP
 Sample : J5610-06
 Misc : 5.38G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(6-8)

Quant Time: Oct 23 04:06:43 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	363233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	512524	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	429454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180335	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	84365	28.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	56.04%	
35) Dibromofluoromethane	7.89	113	90122	29.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	59.52%	
50) Toluene-d8	10.33	98	309722	26.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	53.76%	
62) 4-Bromofluorobenzene	12.62	95	106527	24.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	49.24%	

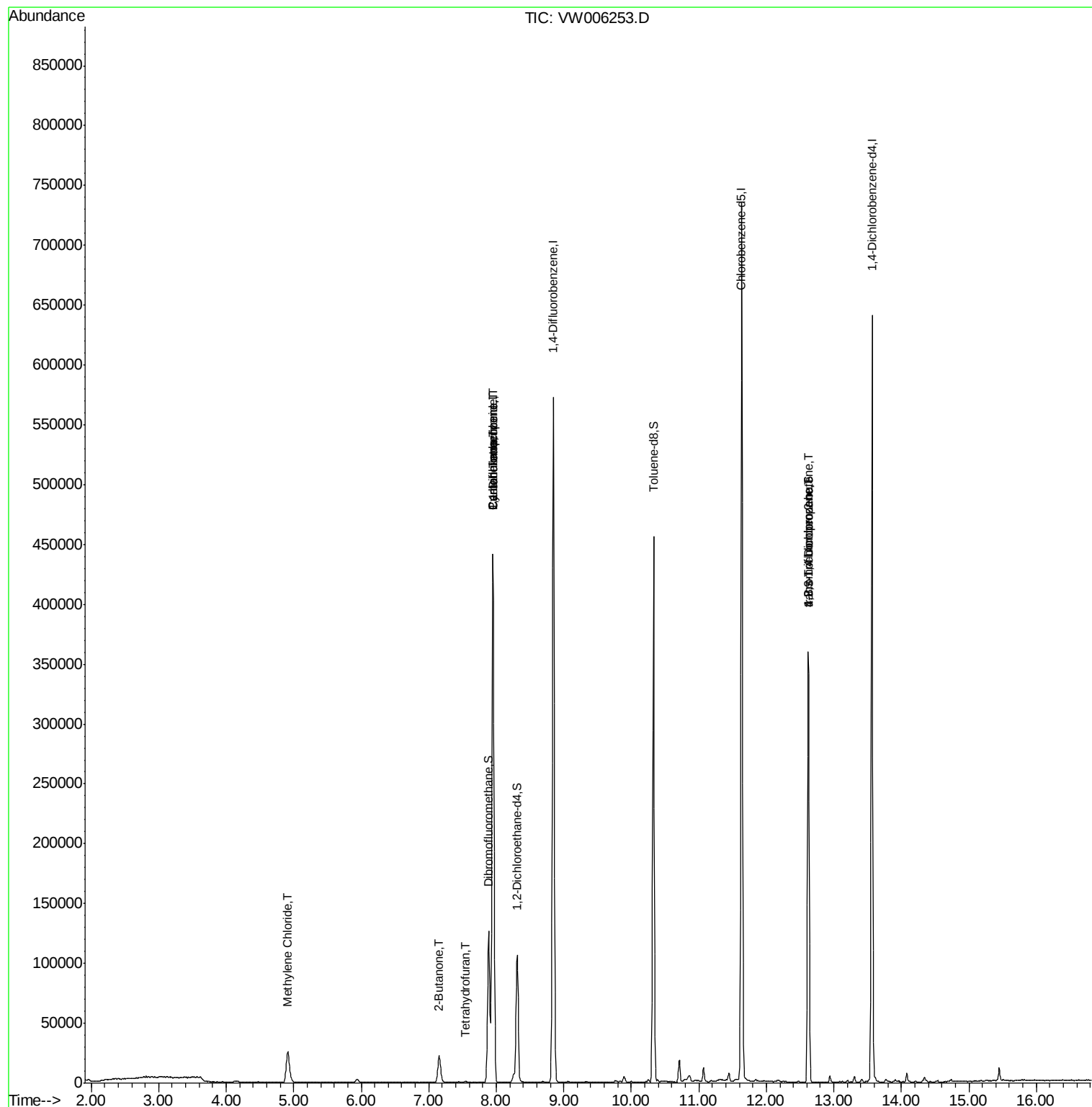
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	2591	Below Cal		96
20) Methylene Chloride	4.91	84	23307	5.878	ug/l	91
25) 2-Butanone	7.15	43	1517	1.865	ug/l #	46
29) Tetrahydrofuran	7.54	42	537	1.074	ug/l #	85
31) Cyclohexane	7.95	56	6432	1.167	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	23004	4.870	ug/l #	49
38) Carbon Tetrachloride	7.95	117	32621	6.299	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	54814	39.795	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54814	95.126	ug/l #	10

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

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SB-3(6-8)

Quant Time: Oct 23 04:06:43 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: VW006253.D

Acq: 22 Oct 2018 16:01

Instrument :

MSVOA_W

ClientSampled :

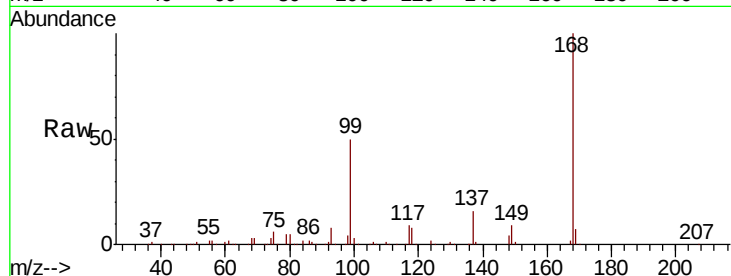
SB-3(6-8)

Tot Ion:168 Resp: 363233

Ion Ratio Lower Upper

168 100

99 49.6 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

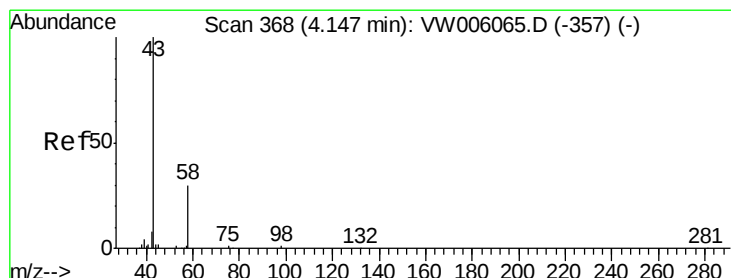
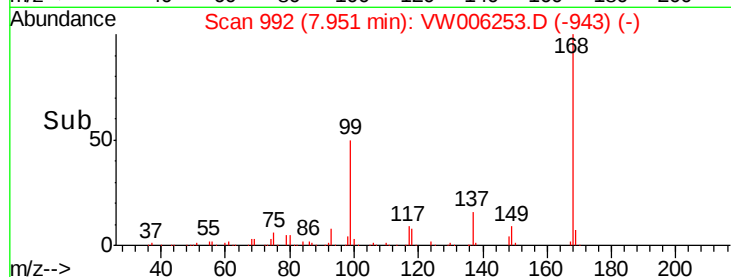
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006253.D

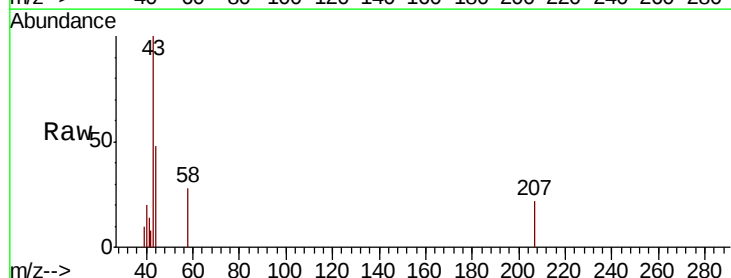
Acq: 22 Oct 2018 16:01

Tgt Ion: 43 Resp: 2591

Ion Ratio Lower Upper

43 100

58 28.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

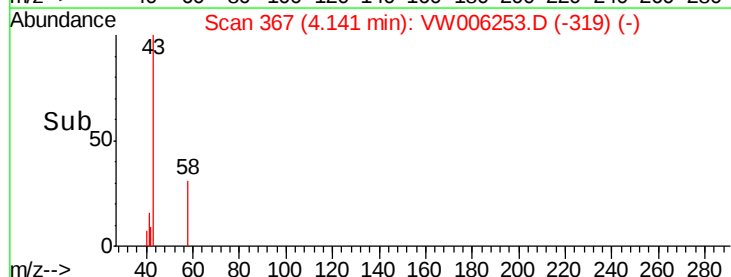
600

400

200

0

Time--> 4.10 4.20 4.30

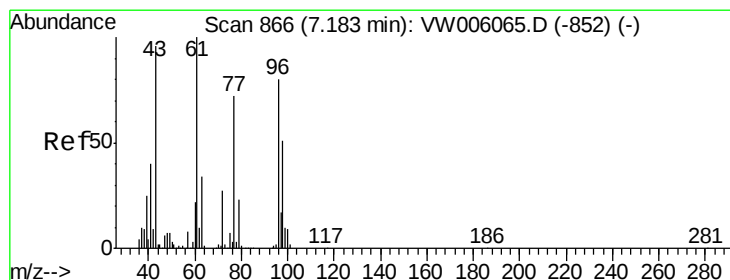
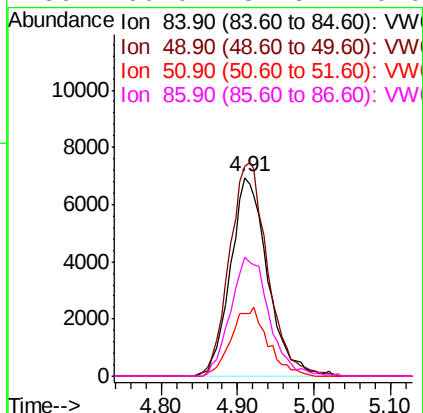
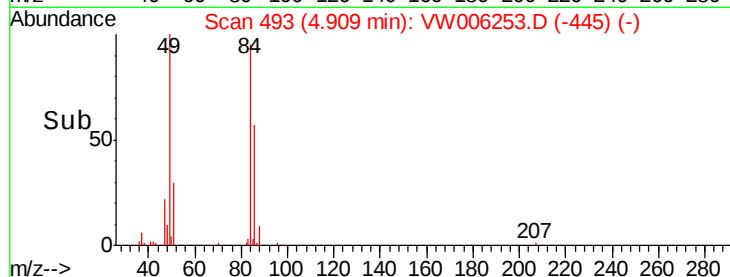
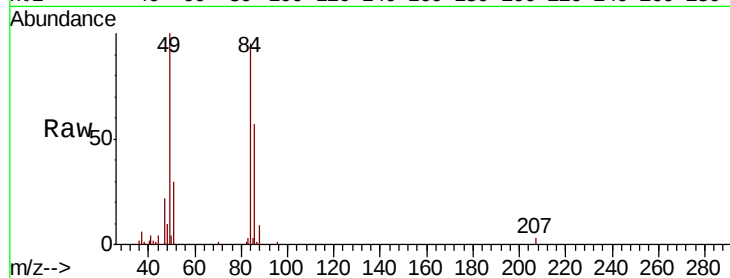




#20
Methvlene Chloride
Concen: 5.878 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006253.D
Acq: 22 Oct 2018 16:01

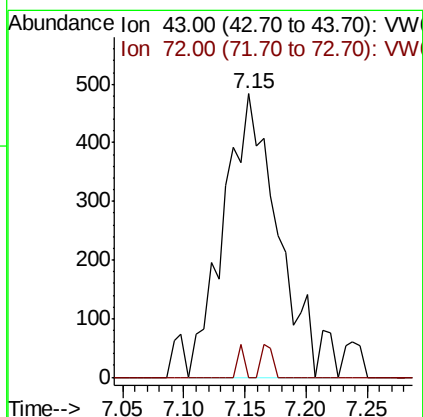
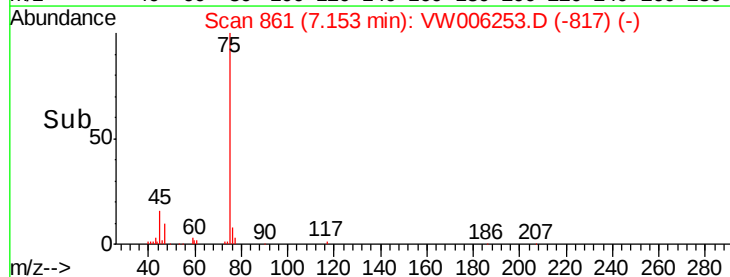
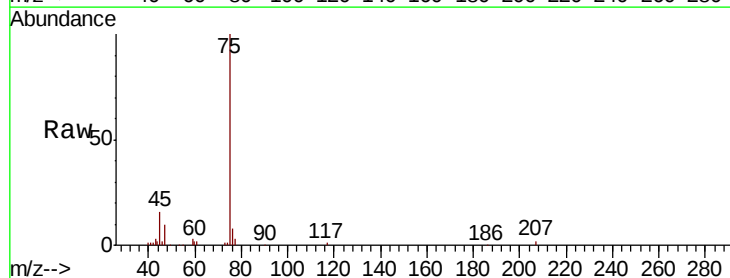
Instrument :
MSVOA_W
ClientSampleId :
SB-3(6-8)

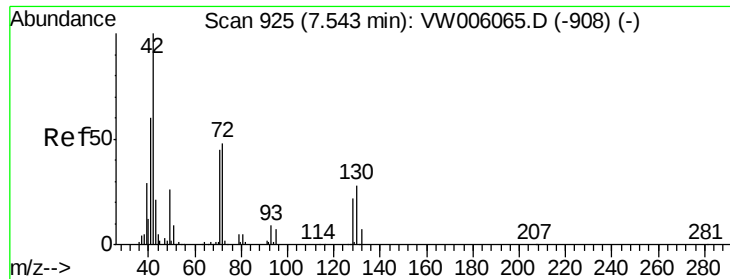
Tot Ion: 84 Resp: 23307
Ion Ratio Lower Upper
84 100
49 105.4 93.6 140.4
51 31.6 29.0 43.4
86 60.0 52.6 79.0



#25
2-Butanone
Concen: 1.865 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006253.D
Acq: 22 Oct 2018 16:01

Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#

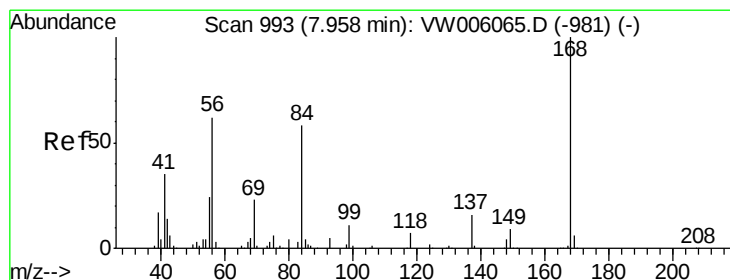
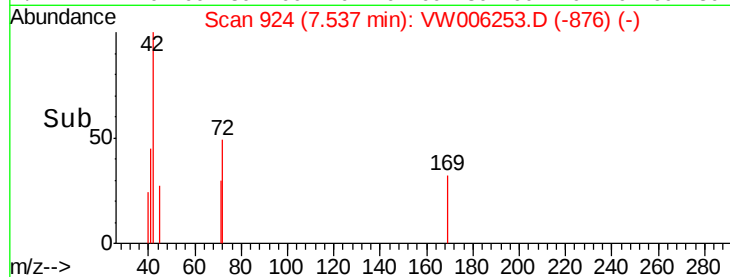
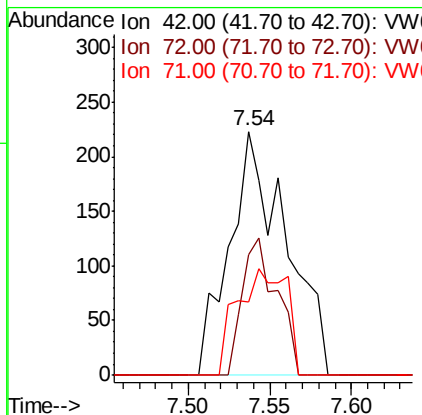
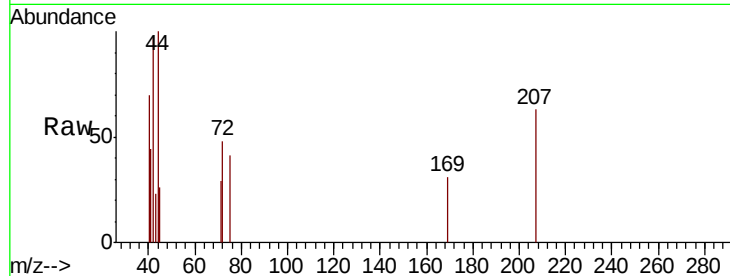




#29
Tetrahydrofuran
Concen: 1.074 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006253.D
Acq: 22 Oct 2018 16:01

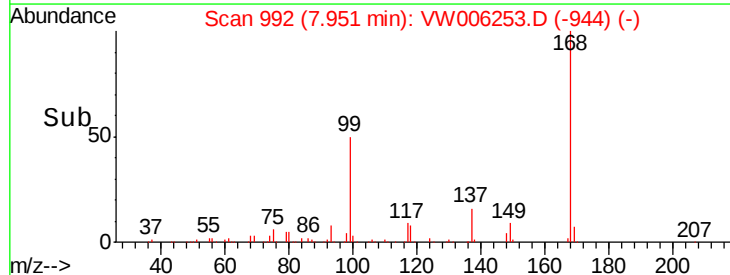
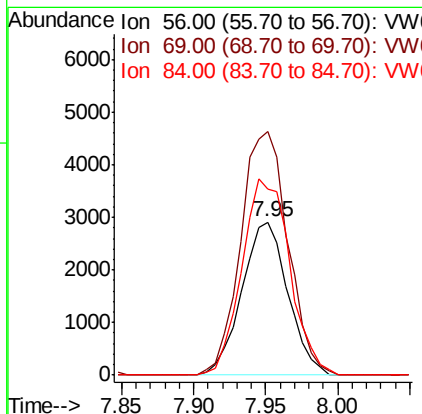
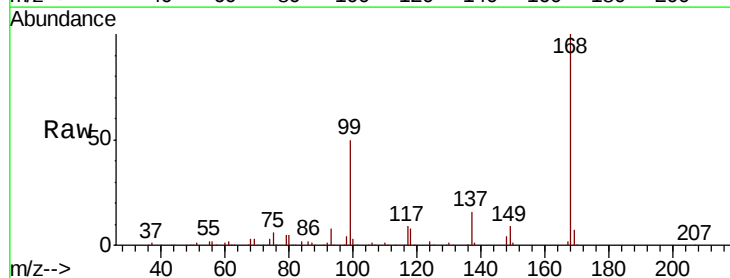
Instrument :
MSVOA_W
ClientSampleId :
SB-3(6-8)

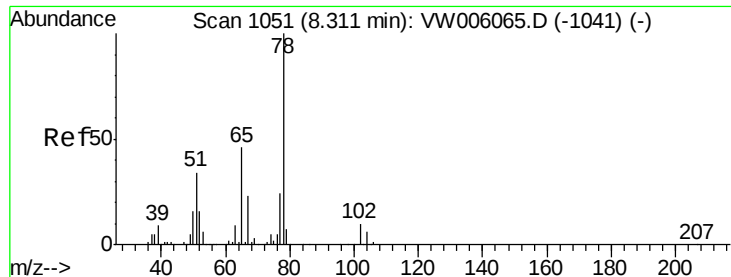
Tot Ion: 42 Resp: 537
Ion Ratio Lower Upper
42 100
72 34.3 38.0 57.0#
71 37.8 35.3 52.9



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006253.D
Acq: 22 Oct 2018 16:01

Tgt Ion: 56 Resp: 6432
Ion Ratio Lower Upper
56 100
69 159.2 29.4 44.0#
84 121.7 74.0 111.0#

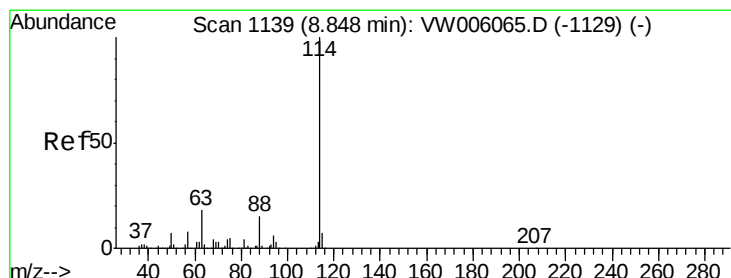
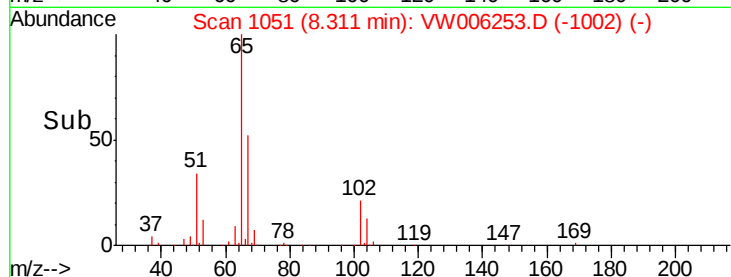
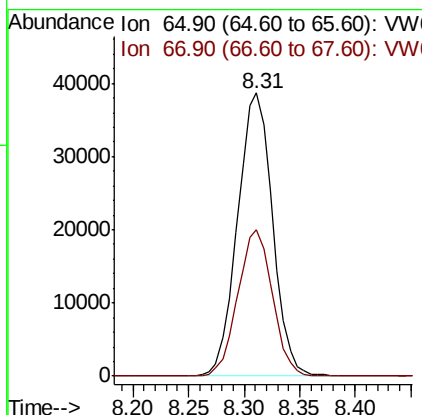
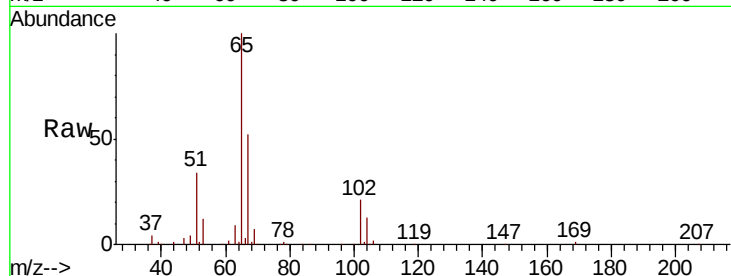




#33
 1,2-Dichloroethane-d4
 Concen: 28.015 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006253.D
 Acq: 22 Oct 2018 16:01

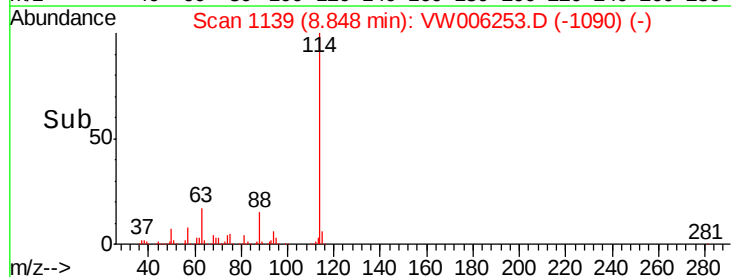
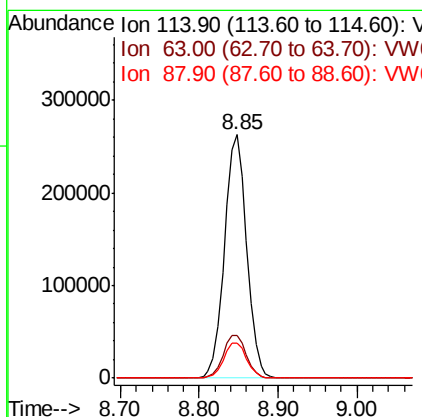
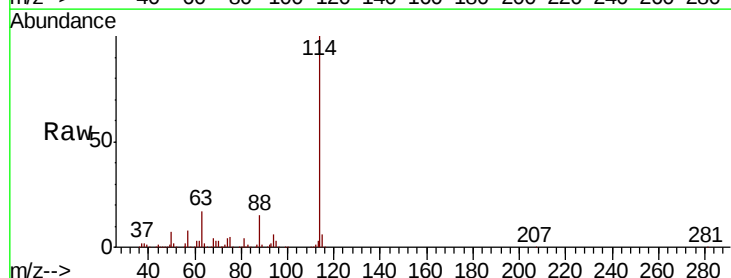
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(6-8)

Tot Ion: 65 Resp: 84365
 Ion Ratio Lower Upper
 65 100
 67 51.2 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: VW006253.D
 Acq: 22 Oct 2018 16:01

Tgt Ion: 114 Resp: 512524
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.8
 88 14.6 0.0 29.0

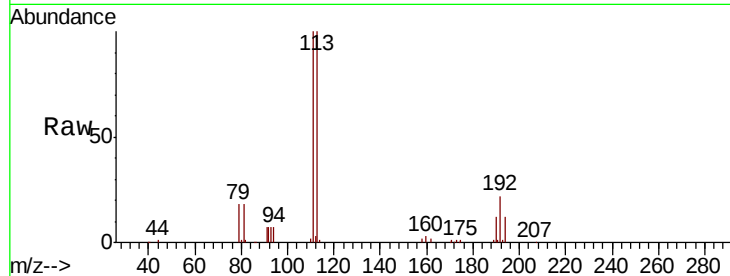




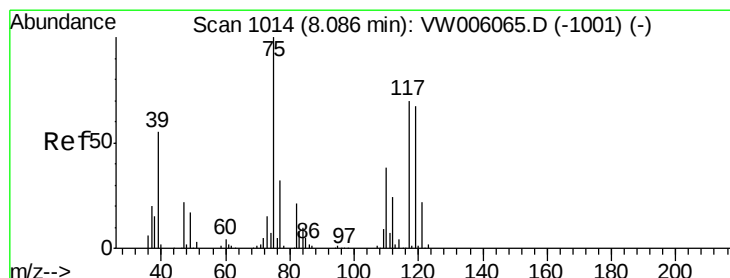
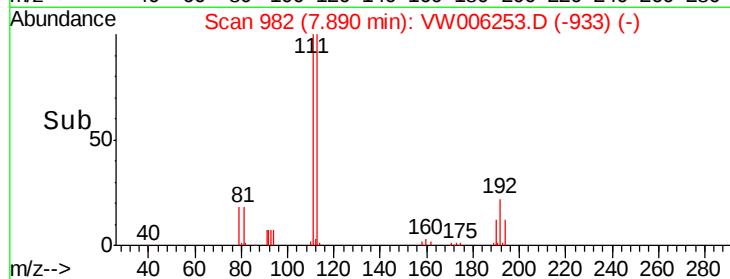
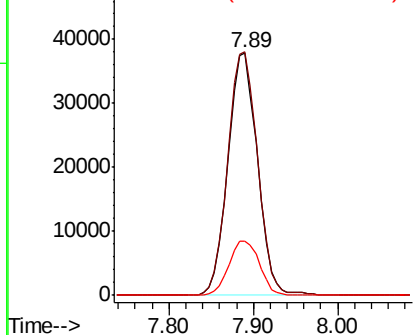
#35
 Dibromofluoromethane
 Concen: 29.758 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006253.D
 Acq: 22 Oct 2018 16:01

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3(6-8)

Tot Ion:113 Resp: 90122
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.0
 192 23.2 18.7 28.1

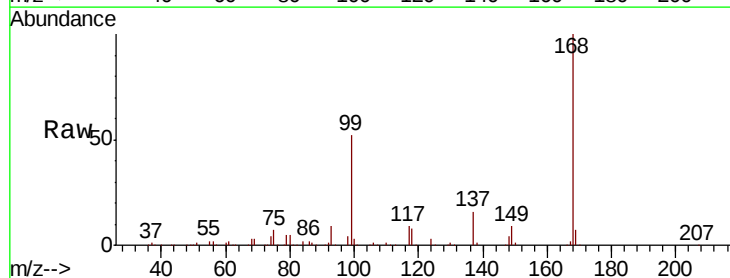


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

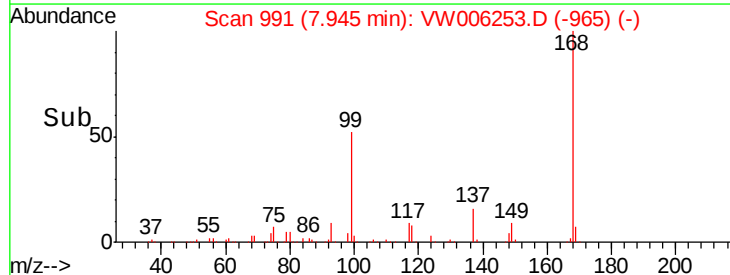
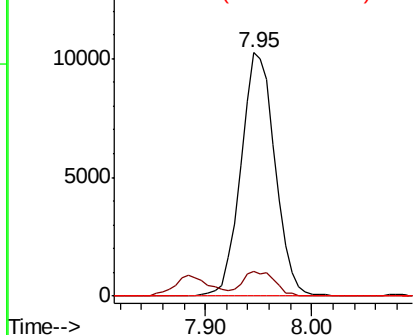


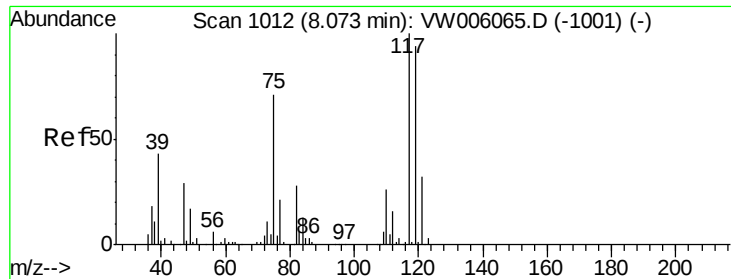
#36
 1,1-Dichloropropene
 Concen: 4.870 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006253.D
 Acq: 22 Oct 2018 16:01

Tgt Ion: 75 Resp: 23004
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.1 57.1#
 77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.299 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006253.D

Acq: 22 Oct 2018 16:01

Instrument :

MSVOA_W

ClientSampleId :

SB-3(6-8)

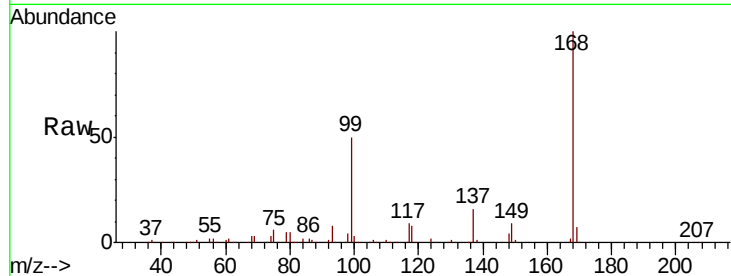
Tot Ion:117 Resp: 32621

Ion Ratio Lower Upper

117 100

119 4.0 75.2 112.8#

121 0.0 25.3 37.9#

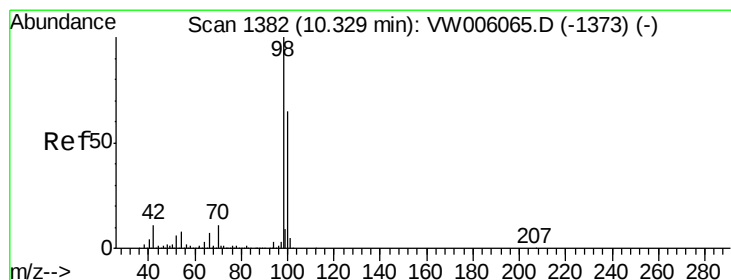
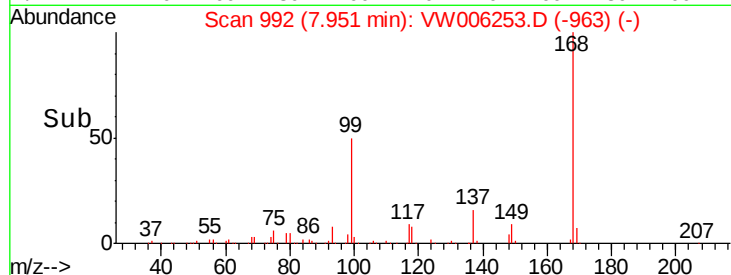
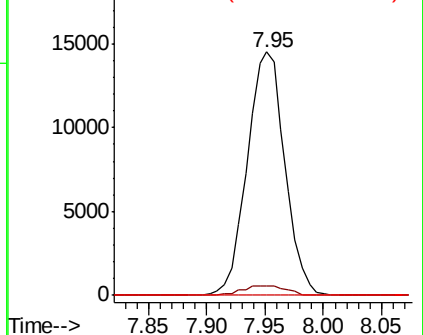


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 26.881 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006253.D

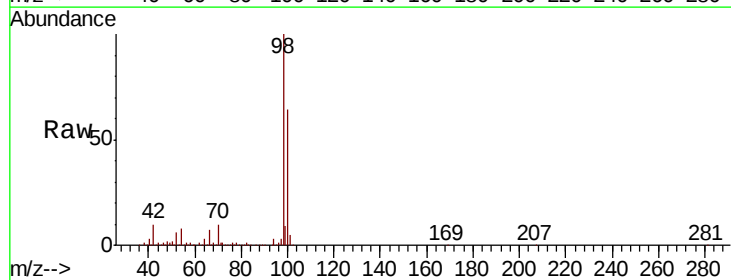
Acq: 22 Oct 2018 16:01

Tgt Ion: 98 Resp: 309722

Ion Ratio Lower Upper

98 100

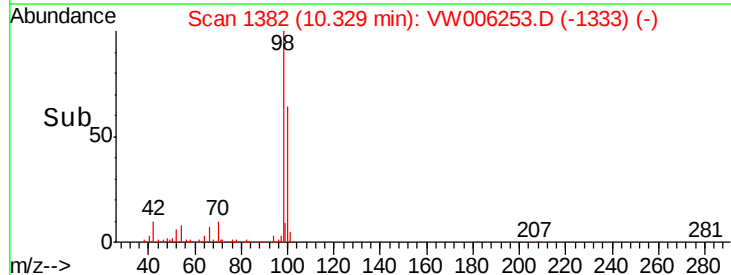
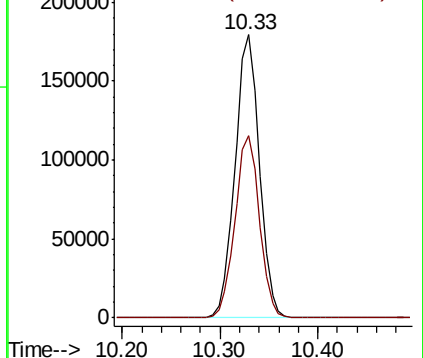
100 64.6 51.6 77.4

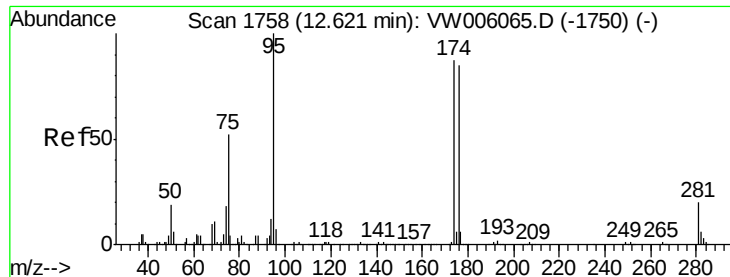


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 24.616 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006253.D

Acq: 22 Oct 2018 16:01

Instrument :

MSVOA_W

ClientSampled :

SB-3(6-8)

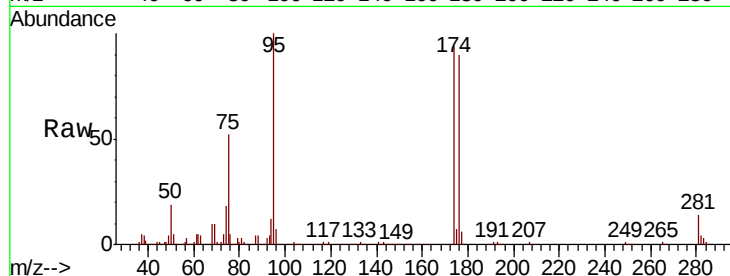
Tot Ion: 95 Resp: 106527

Ion Ratio Lower Upper

95 100

174 95.2 0.0 186.0

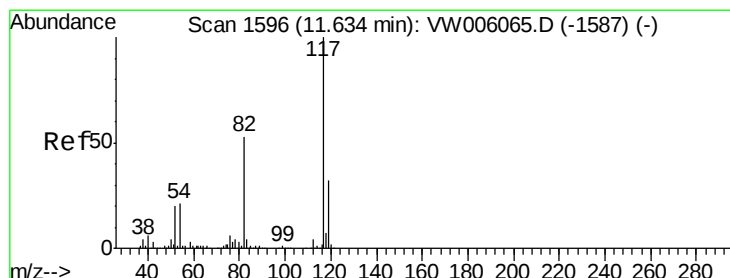
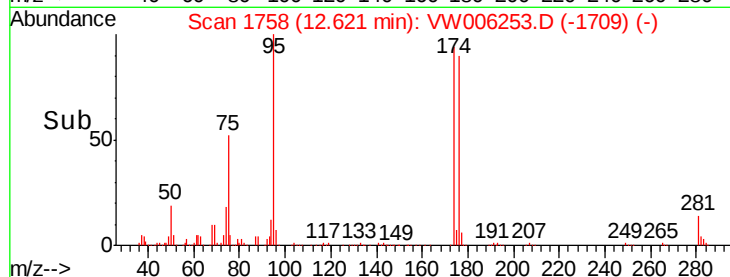
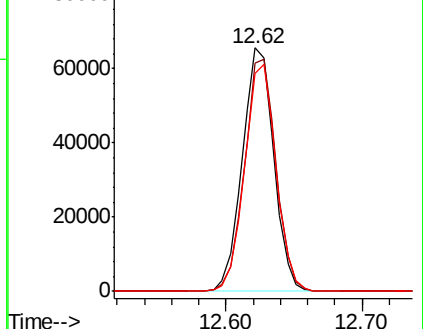
176 92.9 0.0 181.6



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: VW006253.D

Acq: 22 Oct 2018 16:01

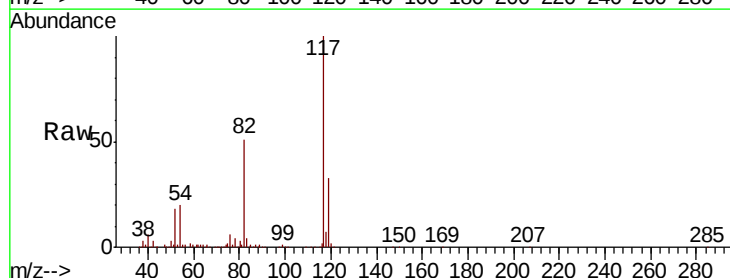
Tgt Ion: 117 Resp: 429454

Ion Ratio Lower Upper

117 100

82 51.4 42.1 63.1

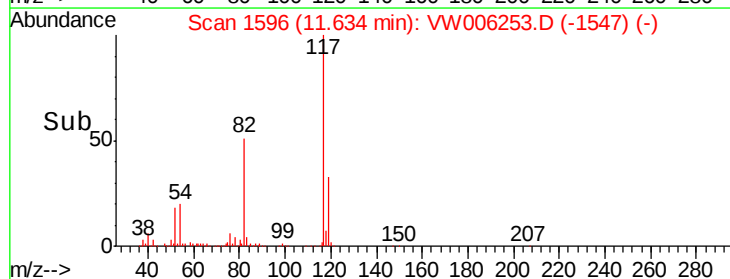
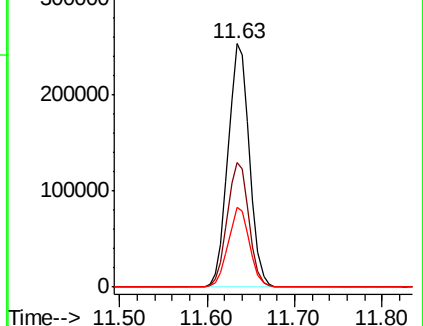
119 32.6 25.8 38.6

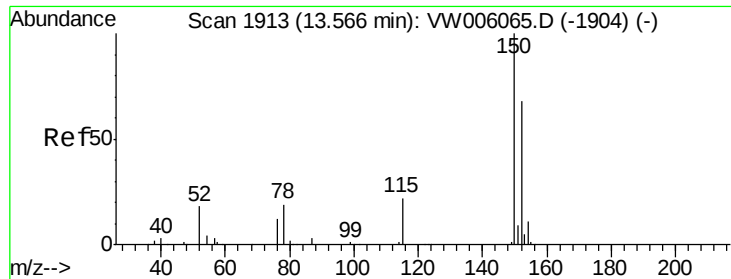


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



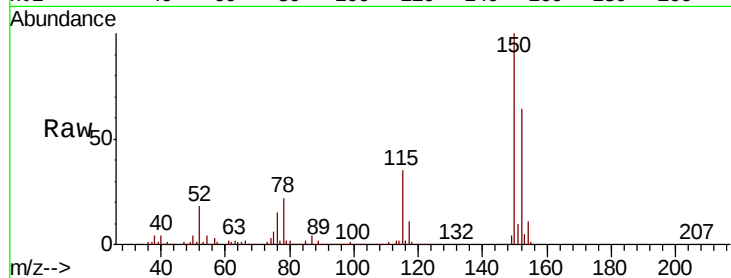


#72

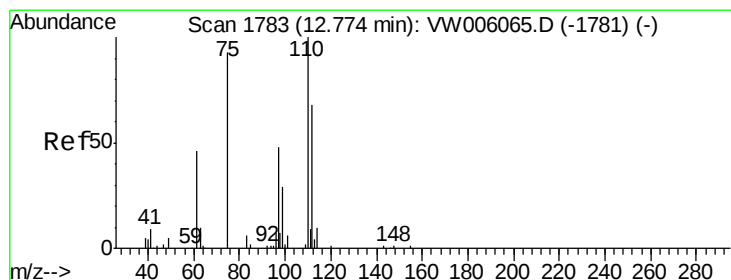
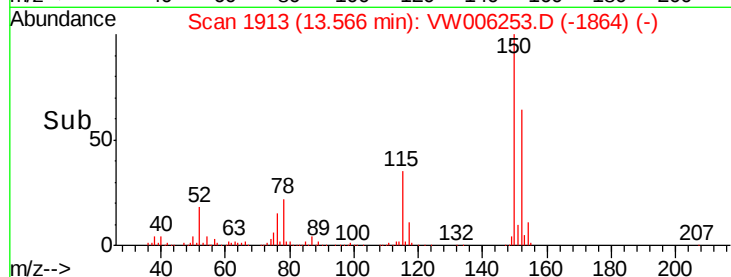
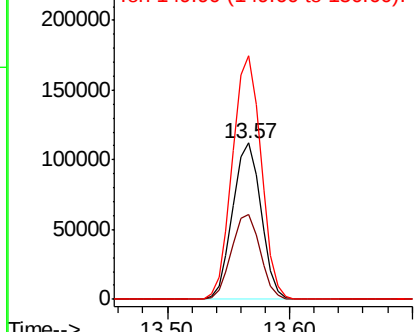
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006253.D
Acq: 22 Oct 2018 16:01

Instrument :
MSVOA_W
ClientSampled :
SB-3(6-8)

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.8	83.3
150	156.6	0.0	349.2



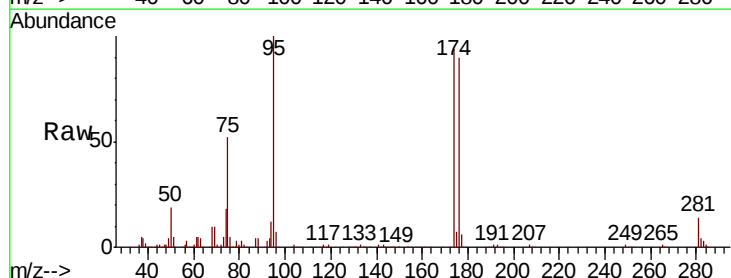
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



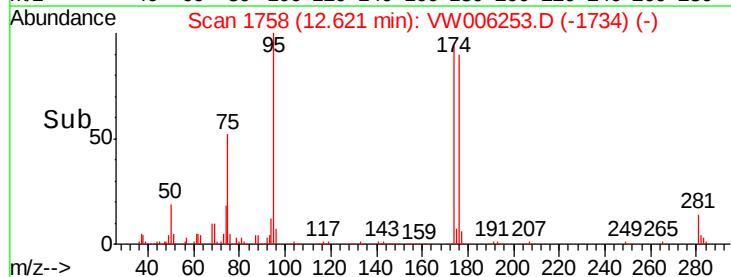
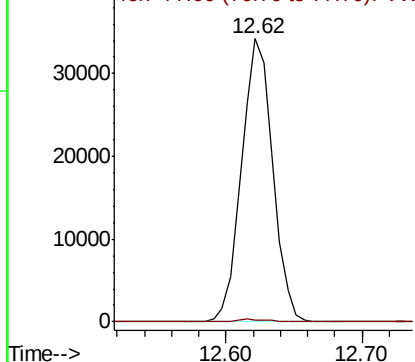
#76

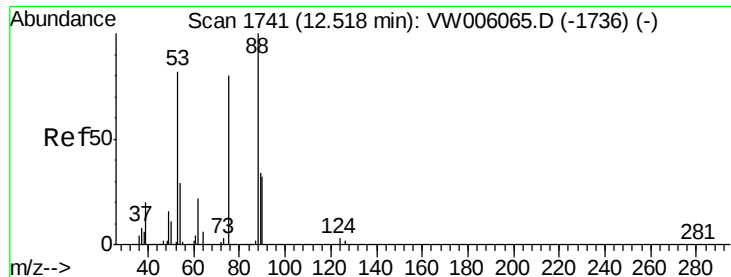
1,2,3-Trichloropropane
Concen: 39.795 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006253.D
Acq: 22 Oct 2018 16:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 95.126 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006253.D

Acq: 22 Oct 2018 16:01

Instrument :

MSVOA_W

ClientSampleId :

SB-3(6-8)

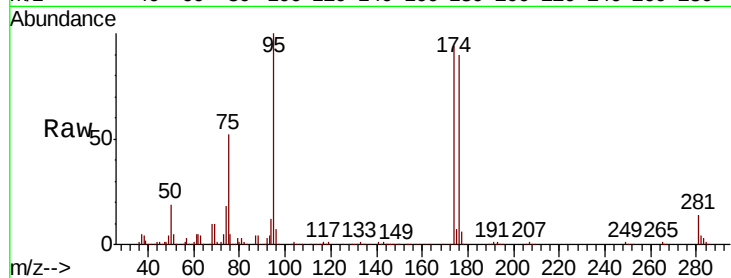
Tot Ion: 75 Resp: 54814

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

