

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006256.D
 Acq On : 22 Oct 2018 17:18
 Operator : VA/AP
 Sample : J5610-09
 Misc : 5.20G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5(0-2)

Quant Time: Oct 23 04:07:15 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

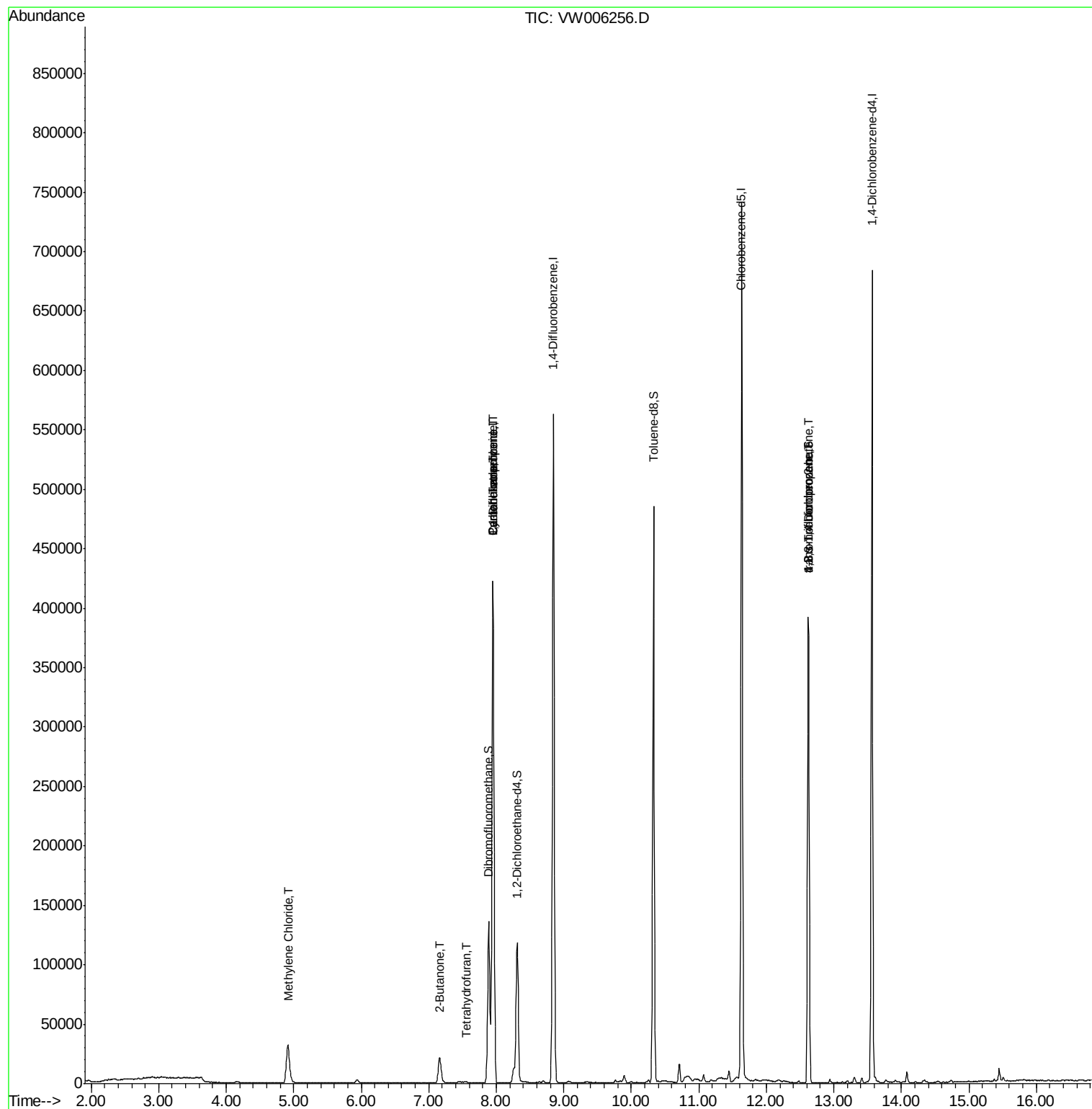
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	344978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	501961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	428687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	189240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95175	33.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.56%	
35) Dibromofluoromethane	7.89	113	93693	31.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.18%	
50) Toluene-d8	10.33	98	324694	28.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.54%	
62) 4-Bromofluorobenzene	12.62	95	117314	27.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.36%	
Target Compounds						
16) Acetone	4.14	43	2676	Below Cal	#	87
20) Methylene Chloride	4.91	84	27944	7.862	ug/l	92
25) 2-Butanone	7.16	43	1246	1.613	ug/l #	46
29) Tetrahydrofuran	7.55	42	582	1.225	ug/l #	72
31) Cyclohexane	7.95	56	6206	1.186	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	22120	4.781	ug/l #	49
38) Carbon Tetrachloride	7.95	117	30550	6.023	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	59441	41.124	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59441	98.302	ug/l #	10

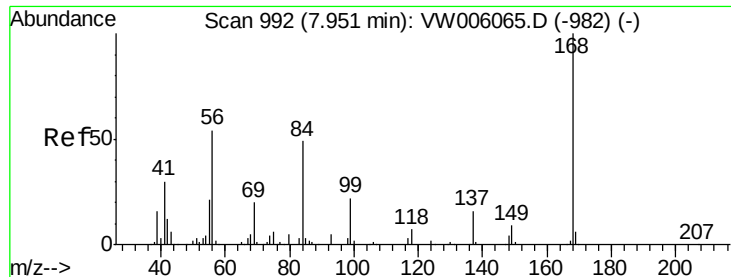
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
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SB-5(0-2)

Quant Time: Oct 23 04:07:15 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: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

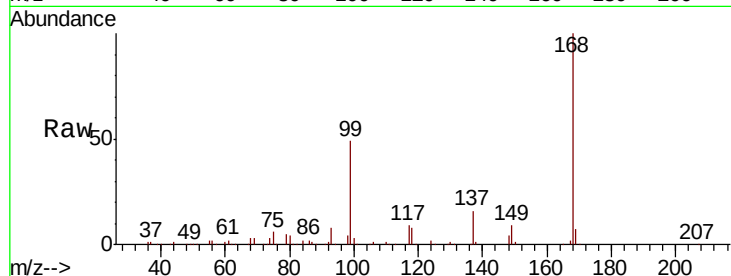
SB-5(0-2)

Tot Ion:168 Resp: 344978

Ion Ratio Lower Upper

168 100

99 49.3 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

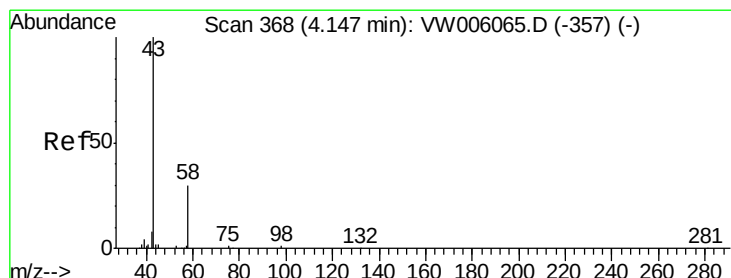
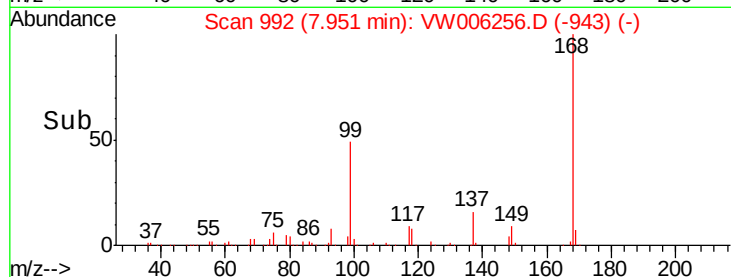
150000

100000

50000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006256.D

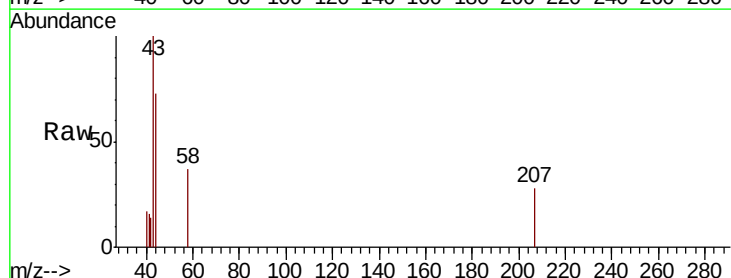
Acq: 22 Oct 2018 17:18

Tgt Ion: 43 Resp: 2676

Ion Ratio Lower Upper

43 100

58 37.0 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

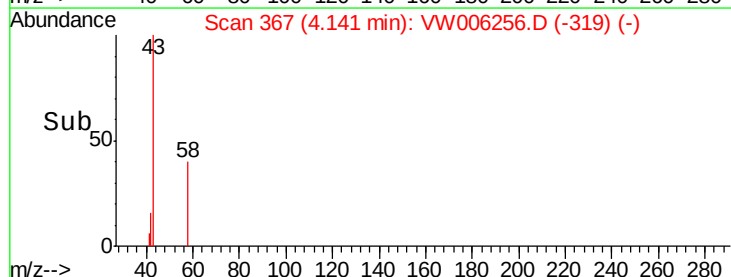
600

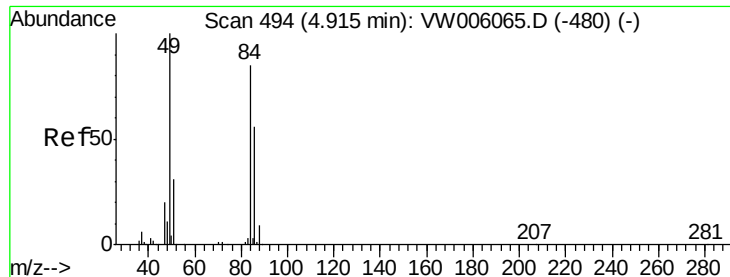
400

200

0

Time-->





#20

Methylene Chloride

Concen: 7.862 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampled :

SB-5(0-2)

Tot Ion: 84 Resp: 27944

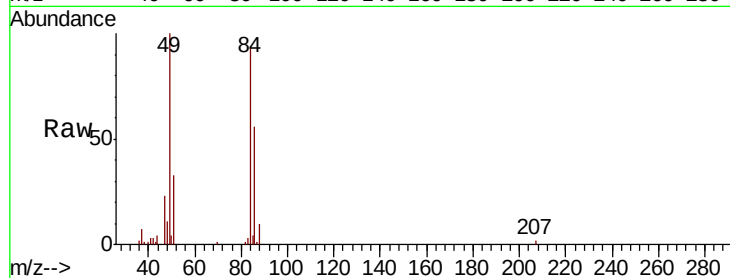
Ion Ratio Lower Upper

84 100

49 106.1 93.6 140.4

51 35.3 29.0 43.4

86 59.8 52.6 79.0

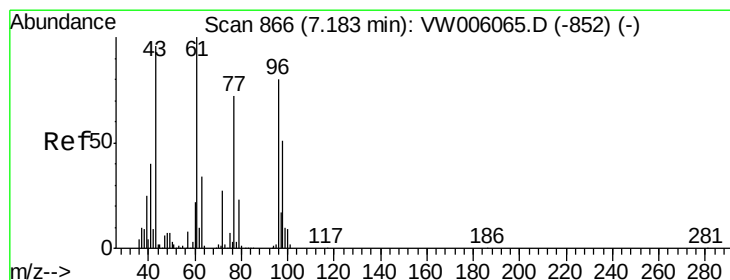
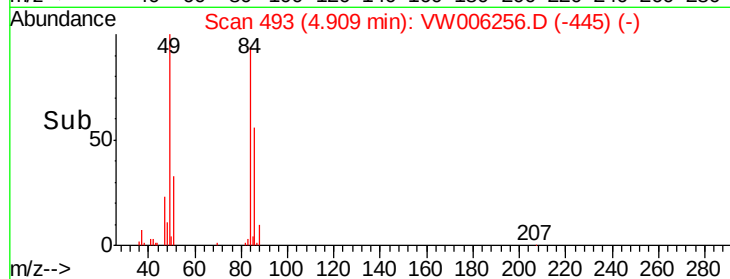
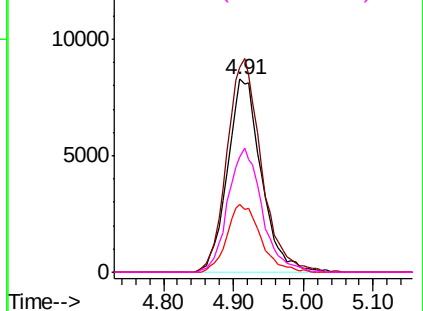


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.613 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: VW006256.D

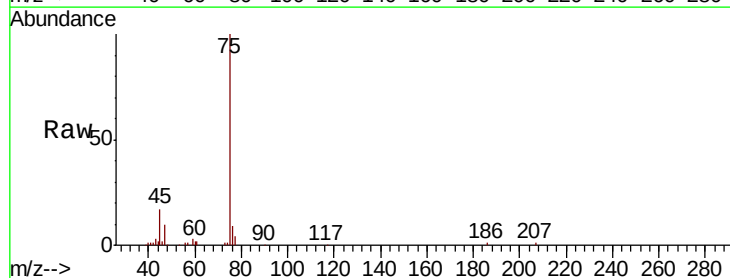
Acq: 22 Oct 2018 17:18

Tgt Ion: 43 Resp: 1246

Ion Ratio Lower Upper

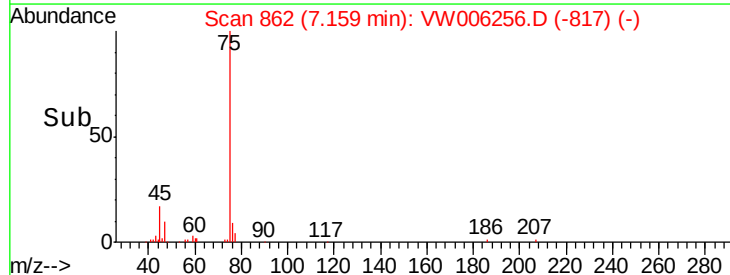
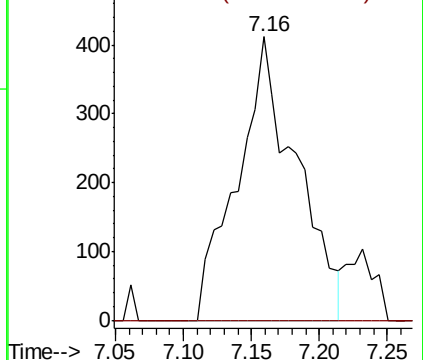
43 100

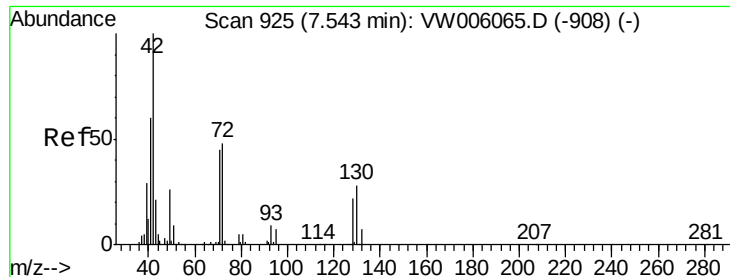
72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#29

Tetrahydrofuran

Concen: 1.225 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

SB-5(0-2)

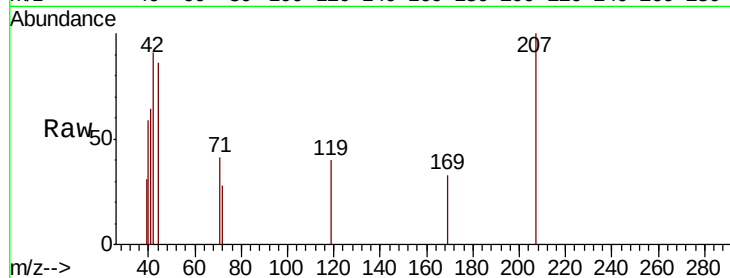
Tot Ion: 42 Resp: 582

Ion Ratio Lower Upper

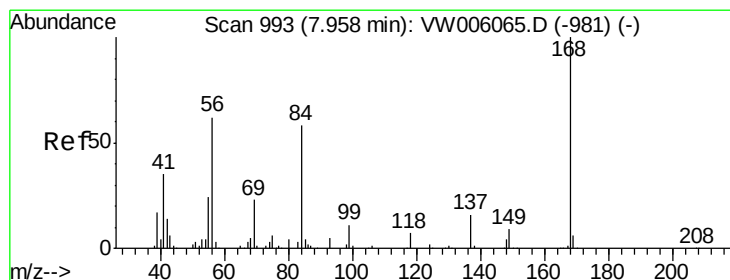
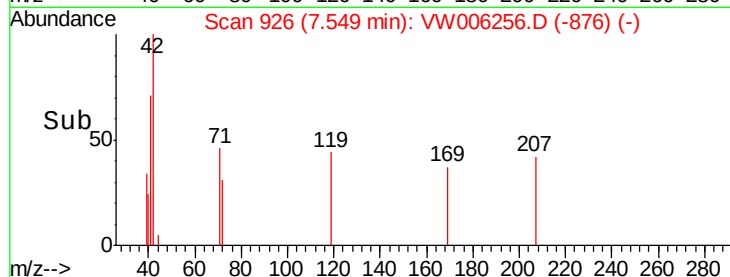
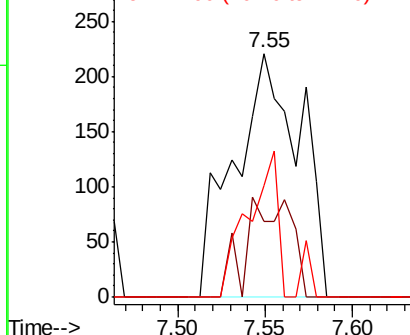
42 100

72 27.3 38.0 57.0#

71 27.1 35.3 52.9#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.186 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

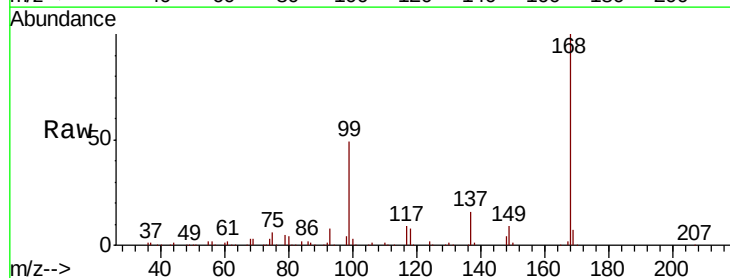
Tgt Ion: 56 Resp: 6206

Ion Ratio Lower Upper

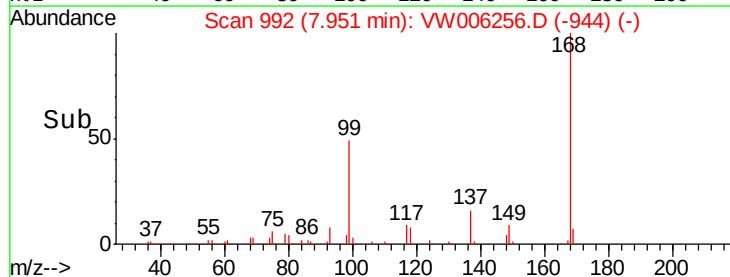
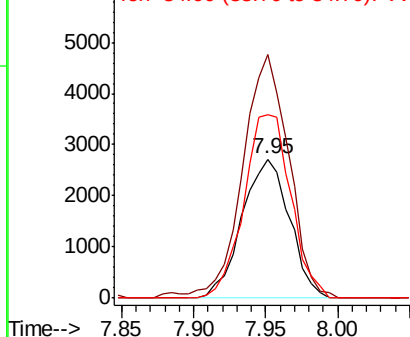
56 100

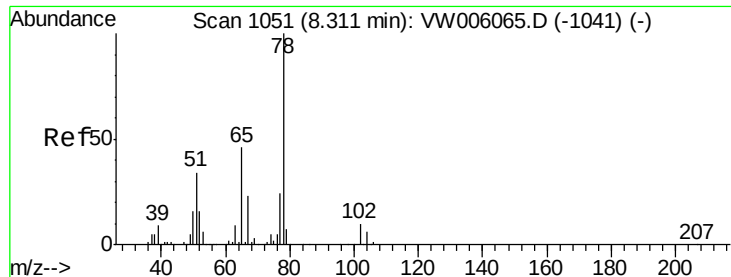
69 175.2 29.4 44.0#

84 132.3 74.0 111.0#



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

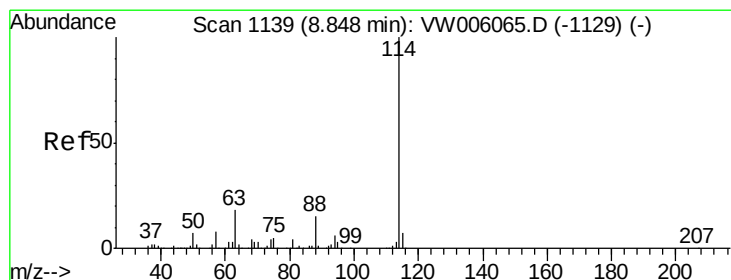
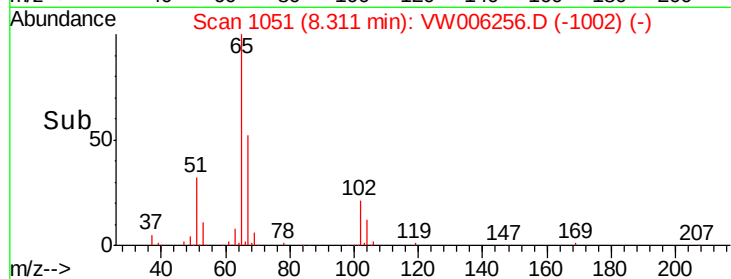
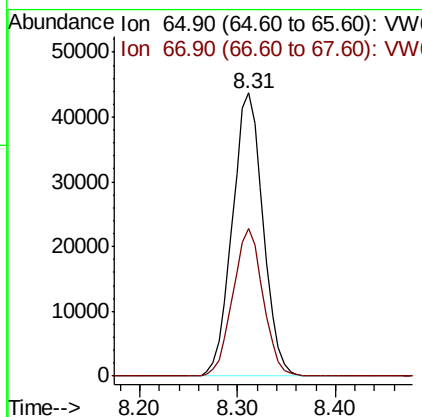
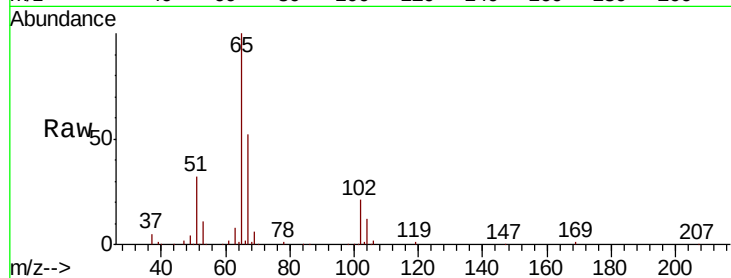




#33
 1,2-Dichloroethane-d4
 Concen: 33.277 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006256.D
 Acq: 22 Oct 2018 17:18

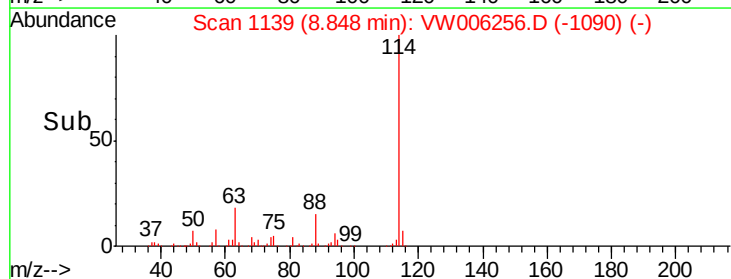
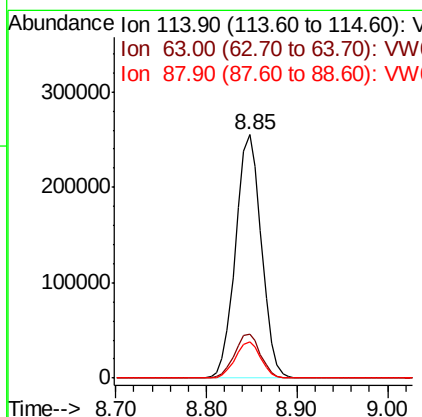
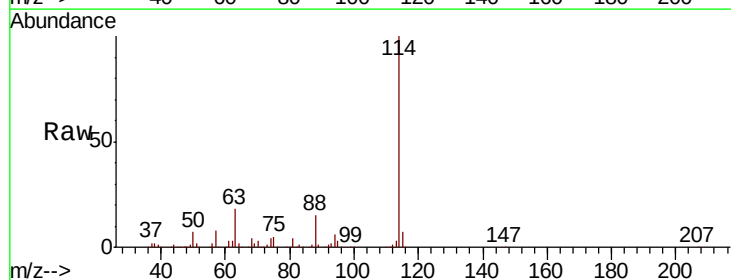
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-5(0-2)

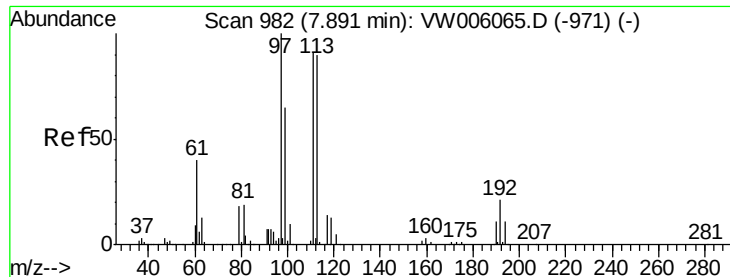
Tot Ion: 65 Resp: 95175
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006256.D
 Acq: 22 Oct 2018 17:18

Tgt Ion: 114 Resp: 501961
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 14.7 0.0 29.0

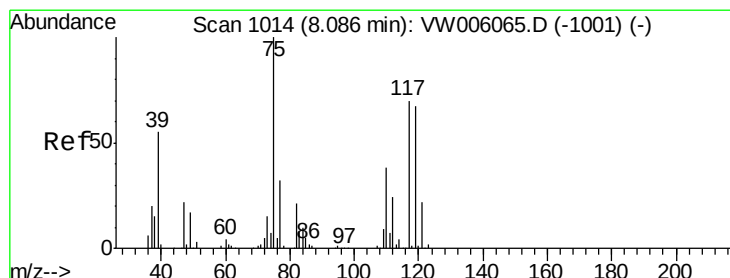
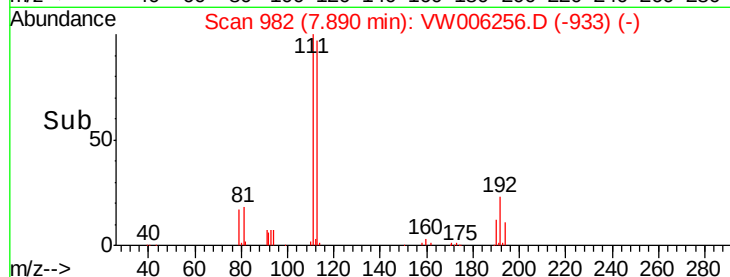
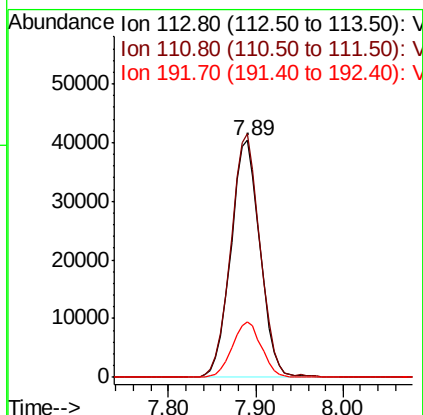
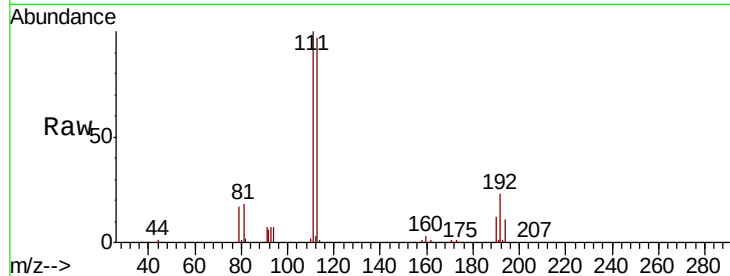




#35
 Dibromofluoromethane
 Concen: 31.588 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW006256.D
 Acq: 22 Oct 2018 17:18

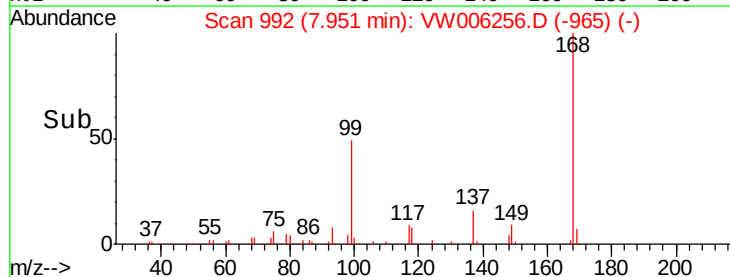
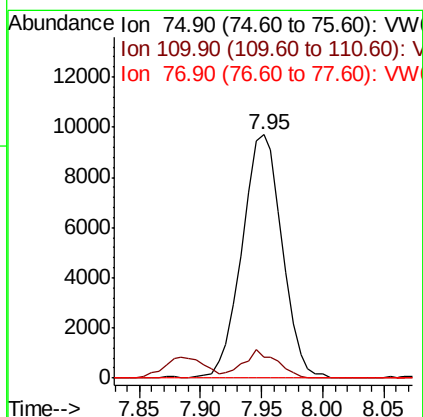
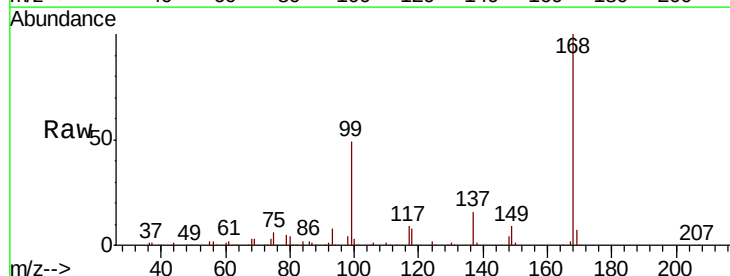
Instrument :
 MSVOA_W
 ClientSampled :
 SB-5(0-2)

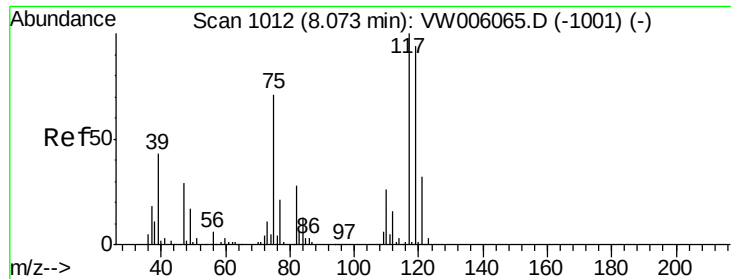
Tot Ion:113 Resp: 93693
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.781 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006256.D
 Acq: 22 Oct 2018 17:18

Tgt Ion: 75 Resp: 22120
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.1 57.1#
 77 0.0 25.0 37.4#

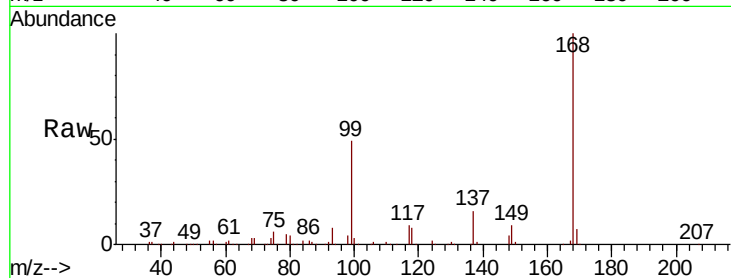




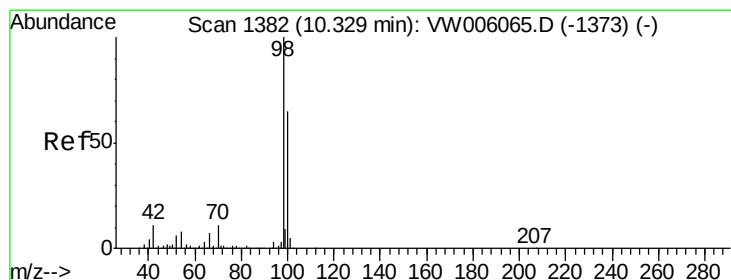
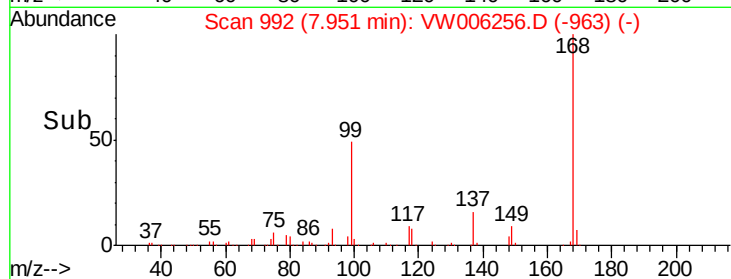
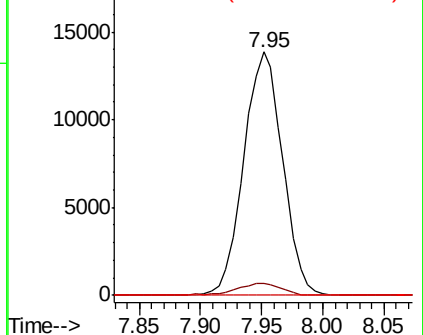
#38
Carbon Tetrachloride
Concen: 6.023 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006256.D
Acq: 22 Oct 2018 17:18

Instrument :
MSVOA_W
ClientSampleId :
SB-5(0-2)

Tot Ion:117 Resp: 30550
Ion Ratio Lower Upper
117 100
119 5.0 75.2 112.8#
121 0.0 25.3 37.9#

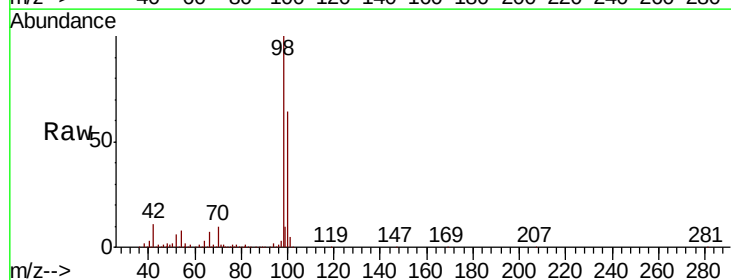


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

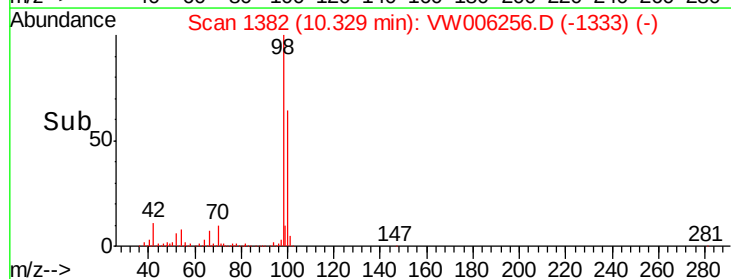
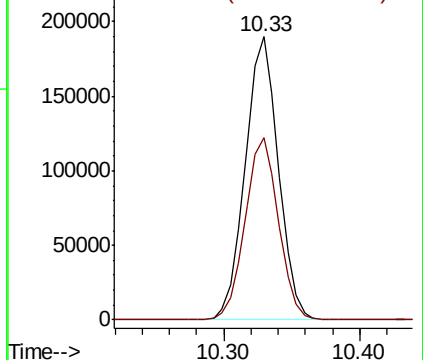


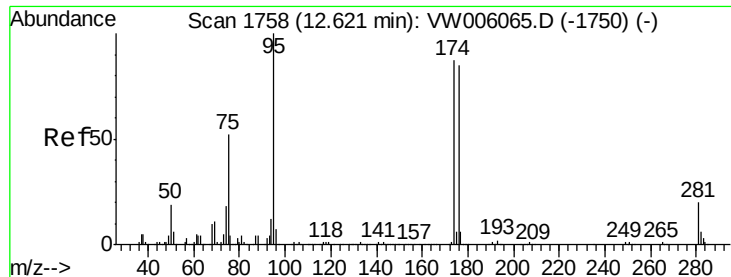
#50
Toluene-d8
Concen: 28.774 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006256.D
Acq: 22 Oct 2018 17:18

Tgt Ion: 98 Resp: 324694
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): V





#62

4-Bromofluorobenzene

Concen: 27.680 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

SB-5(0-2)

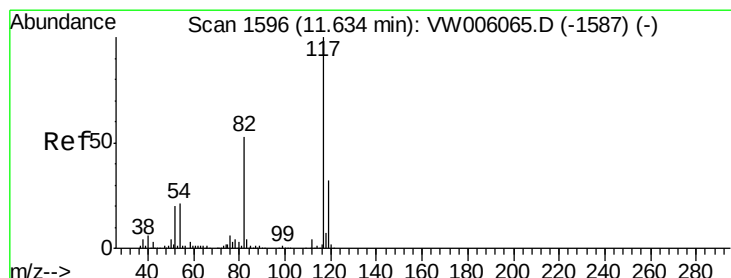
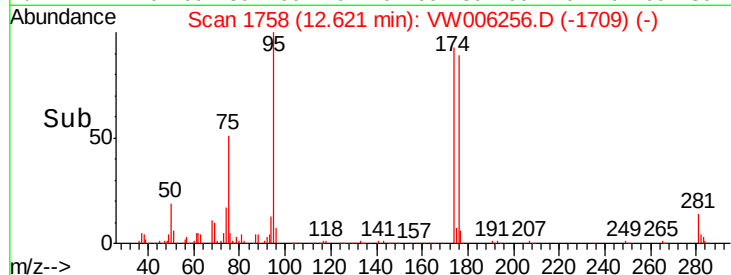
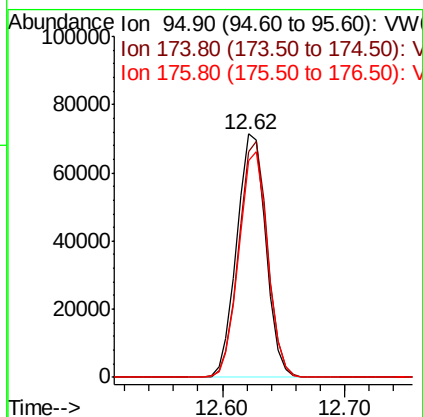
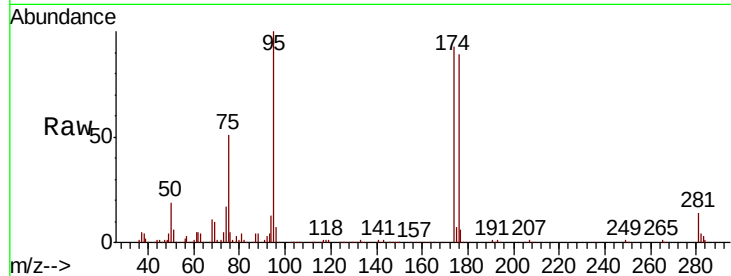
Tot Ion: 95 Resp: 117314

Ion Ratio Lower Upper

95 100

174 95.9 0.0 186.0

176 92.1 0.0 181.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

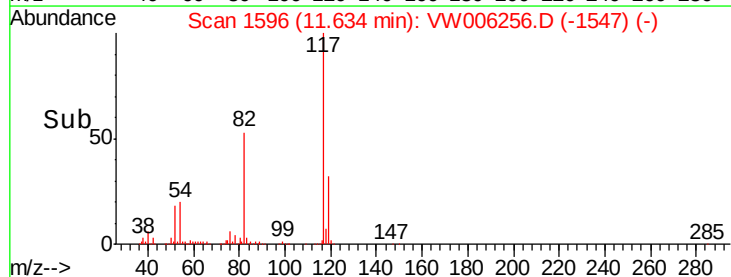
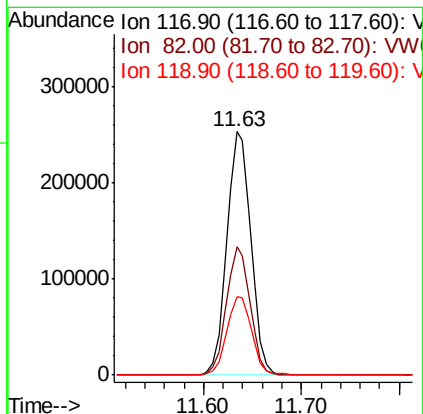
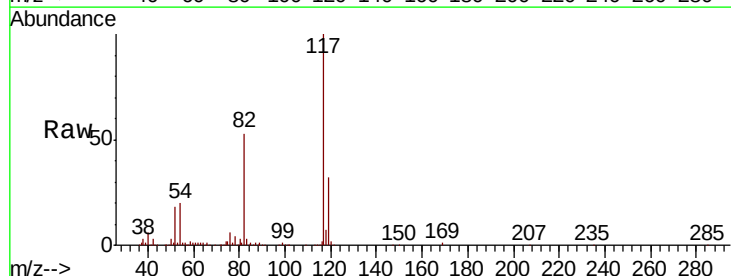
Tgt Ion: 117 Resp: 428687

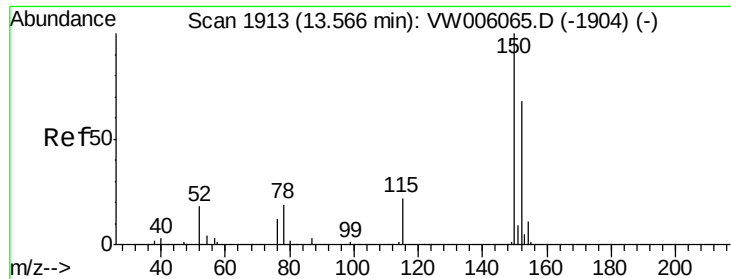
Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

SB-5(0-2)

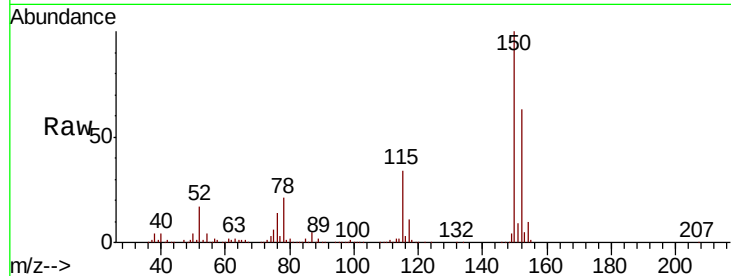
Tot Ion:152 Resp: 189240

Ion Ratio Lower Upper

152 100

115 55.1 27.8 83.3

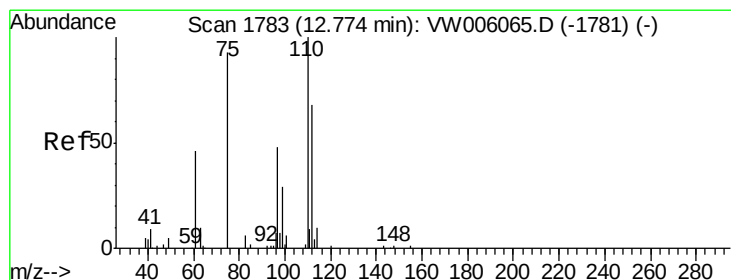
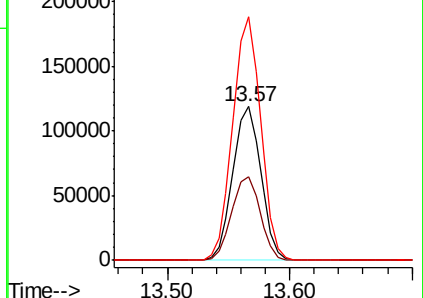
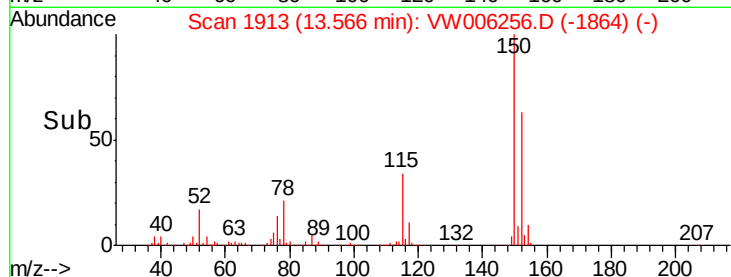
150 157.1 0.0 349.2



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: 41.124 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006256.D

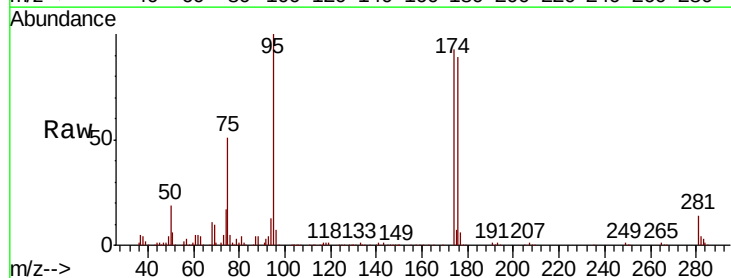
Acq: 22 Oct 2018 17:18

Tgt Ion: 75 Resp: 59441

Ion Ratio Lower Upper

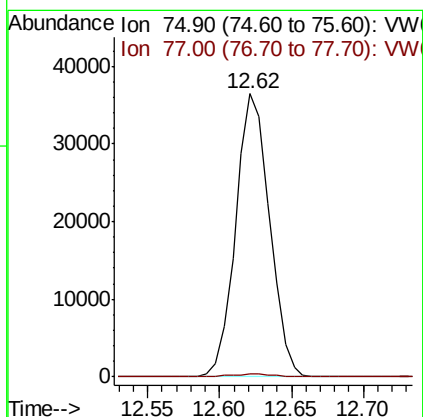
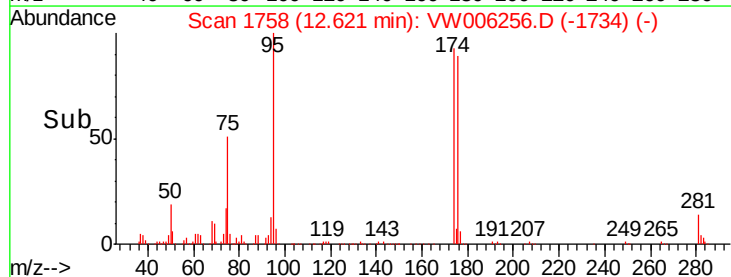
75 100

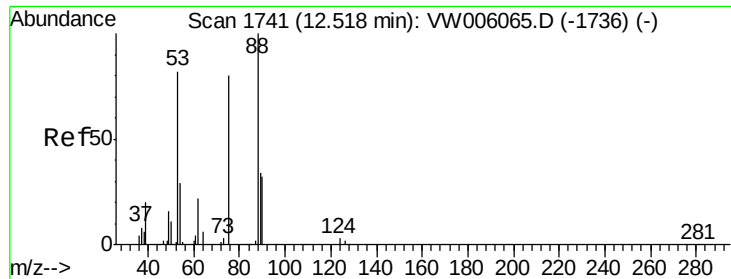
77 1.3 0.0 0.0#



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: 98.302 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006256.D

Acq: 22 Oct 2018 17:18

Instrument :

MSVOA_W

ClientSampleId :

SB-5(0-2)

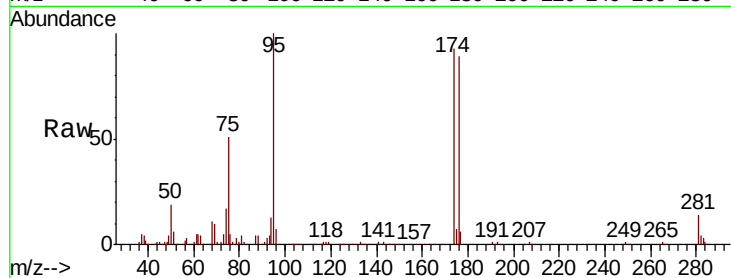
Tot Ion: 75 Resp: 59441

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 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

