

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007685.D
 Acq On : 19 Dec 2018 04:58
 Operator : SY/AP
 Sample : J6386-08
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 06:02:34 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	39479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	69624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	54406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18715	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	27257	62.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	124.46%	
35) Dibromofluoromethane	7.88	113	25246	59.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	119.80%	
50) Toluene-d8	10.32	98	79960	50.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.62	95	21737	37.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.82%	

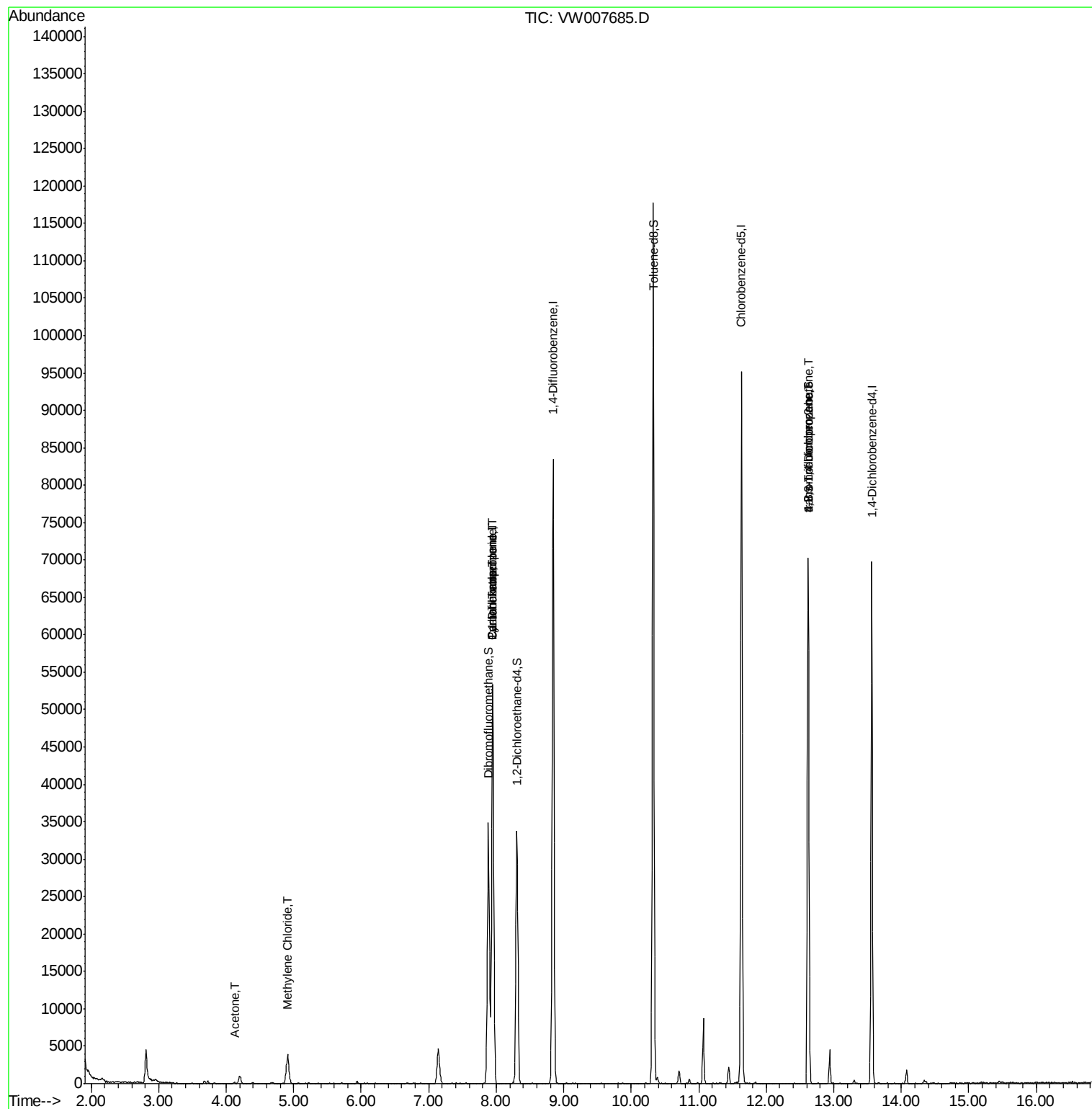
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	147	1.921	ug/l #	44
20) Methylene Chloride	4.91	84	2797	3.003	ug/l	91
31) Cyclohexane	7.94	56	819	1.204	ug/l #	19
36) 1,1-Dichloropropene	7.94	75	3098	4.878	ug/l #	48
38) Carbon Tetrachloride	7.95	117	4217	6.102	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	10887	70.553	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	10887	155.851	ug/l #	7

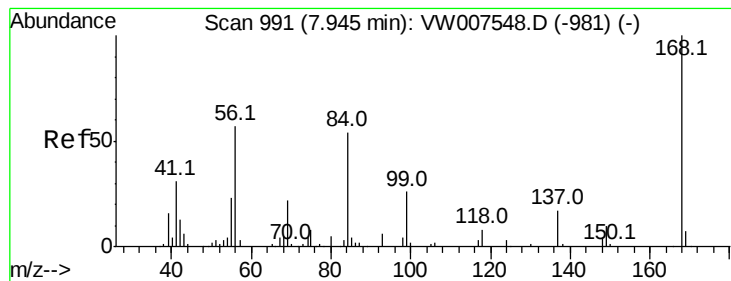
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
Data File : VW007685.D
Acq On : 19 Dec 2018 04:58
Operator : SY/AP
Sample : J6386-08
Misc : 5.10G/5ML/MSVOA W/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 19 06:02:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
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# 992

Delta R.T. 0.00 min

Lab File: VW007685.D

Acq: 19 Dec 2018 04:58

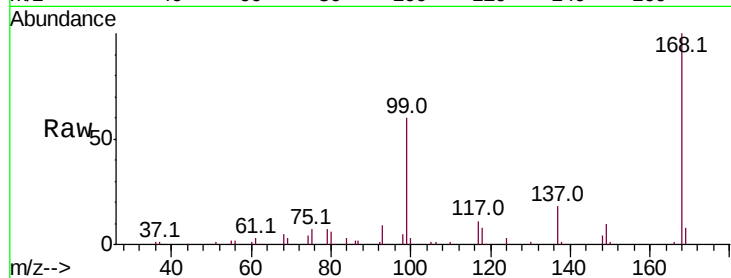
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 39479

Ion Ratio Lower Upper

168 100

99 60.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

20000

15000

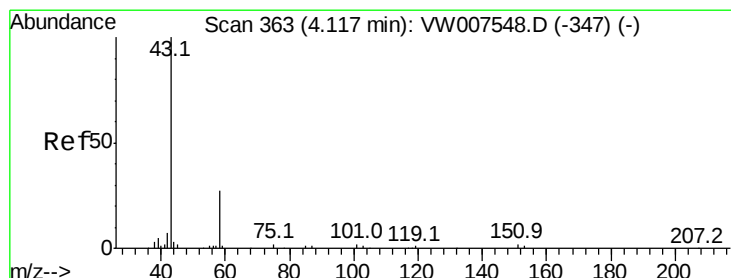
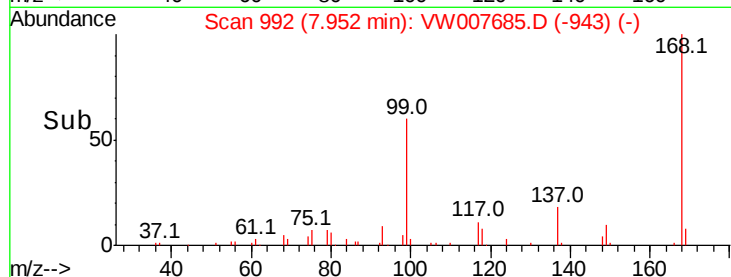
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 1.921 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007685.D

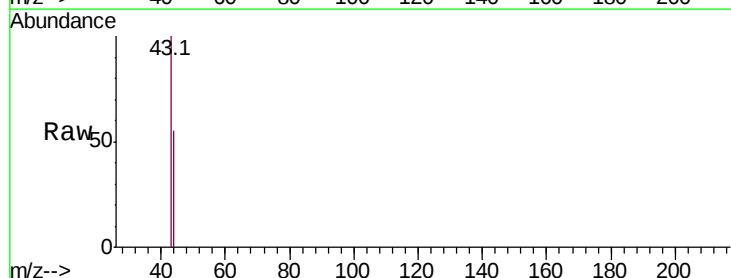
Acq: 19 Dec 2018 04:58

Tgt Ion: 43 Resp: 147

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

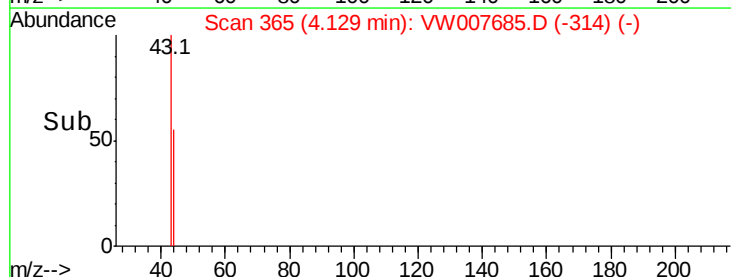
100

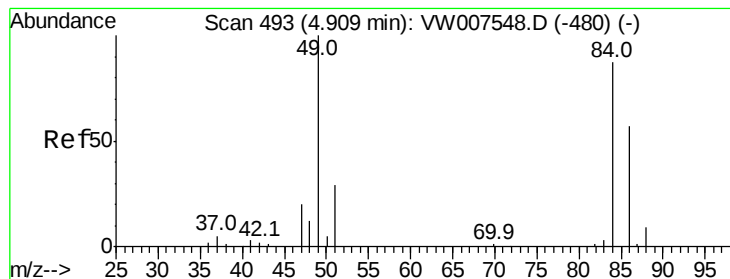
50

0

Time-->

4.10 4.12 4.14 4.16





#20

Methvlene Chloride

Concen: 3.003 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007685.D

Acq: 19 Dec 2018 04:58

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 84 Resp: 2797

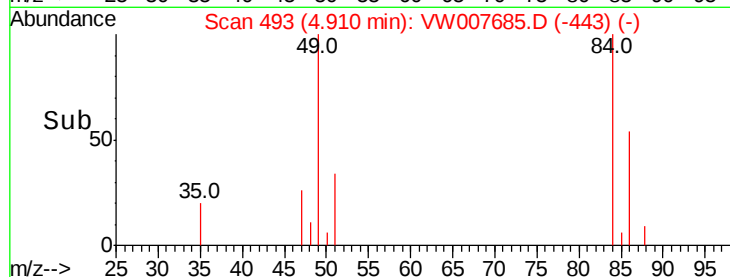
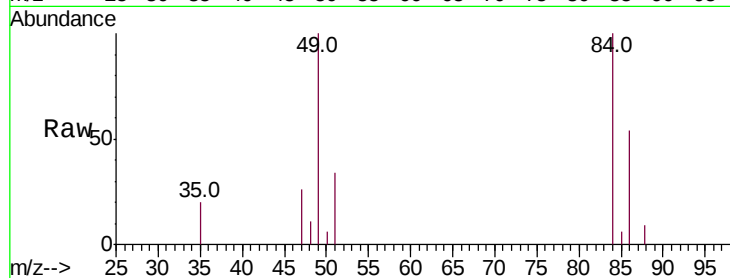
Ion	Ratio	Lower	Upper
84	100		
49	99.7	87.1	130.7
51	33.9	28.2	42.2
86	54.4	50.8	76.2

84 100

49 99.7 87.1 130.7

51 33.9 28.2 42.2

86 54.4 50.8 76.2



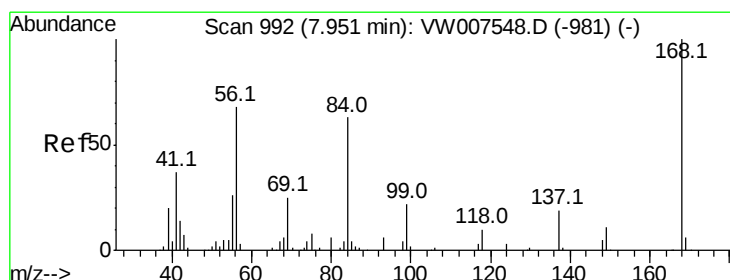
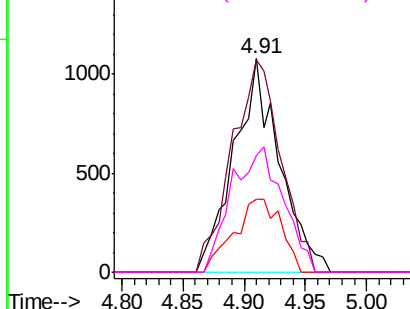
Abundance

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



#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007685.D

Acq: 19 Dec 2018 04:58

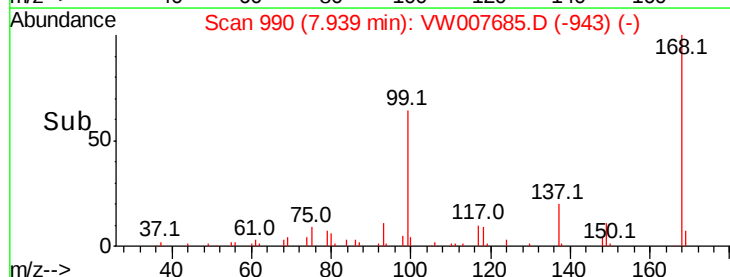
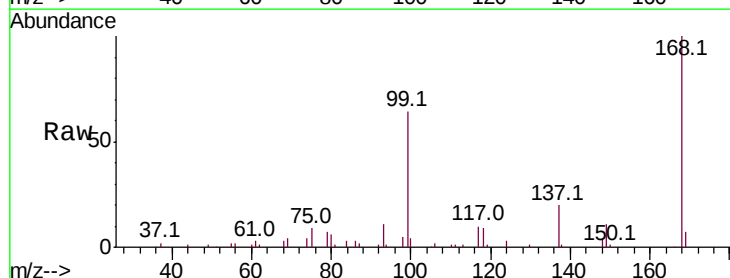
Tgt Ion: 56 Resp: 819

Ion	Ratio	Lower	Upper
56	100		
69	169.5	28.9	43.3#
84	110.9	71.8	107.6#

56 100

69 169.5 28.9 43.3#

84 110.9 71.8 107.6#

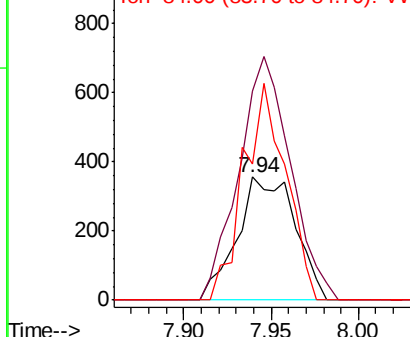


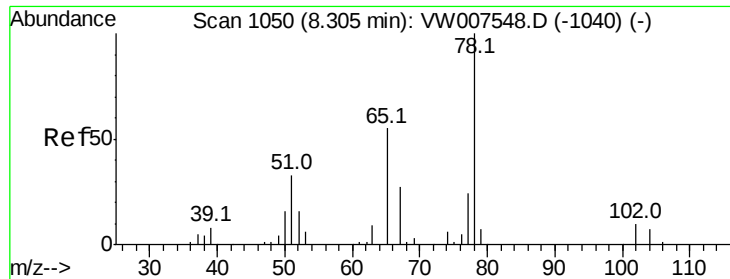
Abundance

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

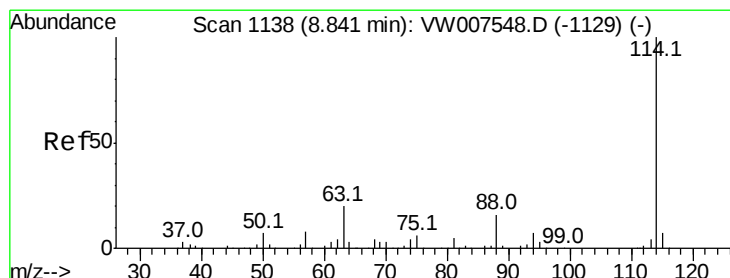
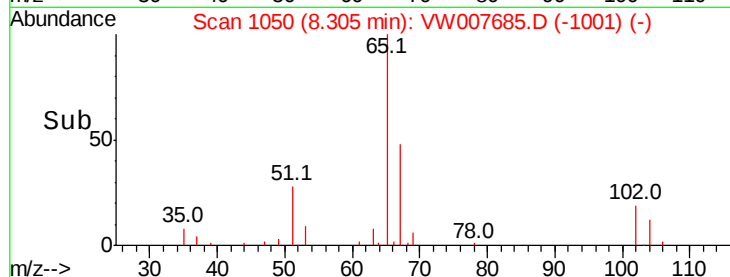
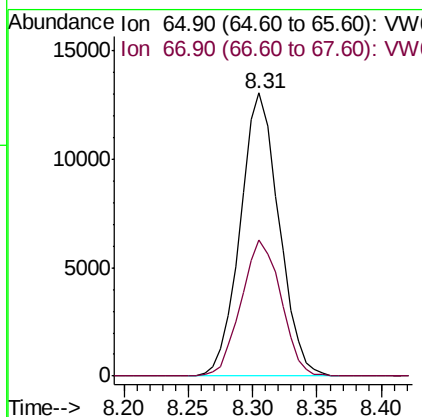
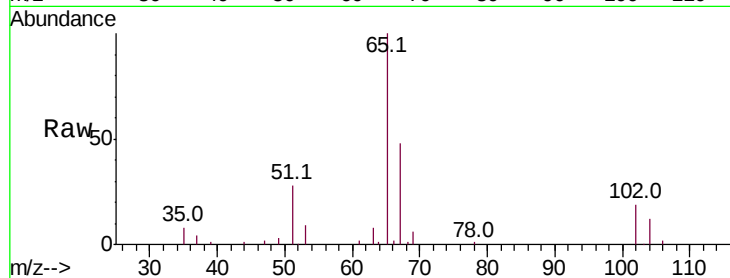




#33
 1,2-Dichloroethane-d4
 Concen: 62.232 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007685.D
 Acq: 19 Dec 2018 04:58

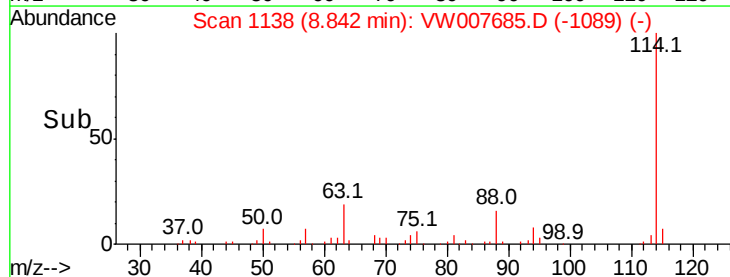
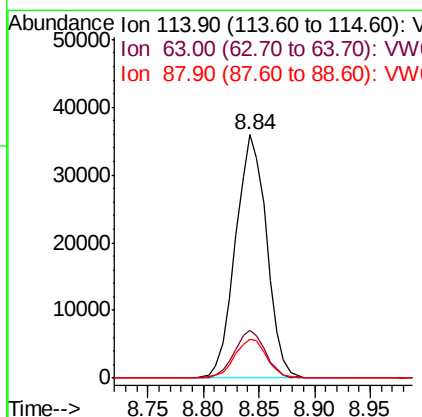
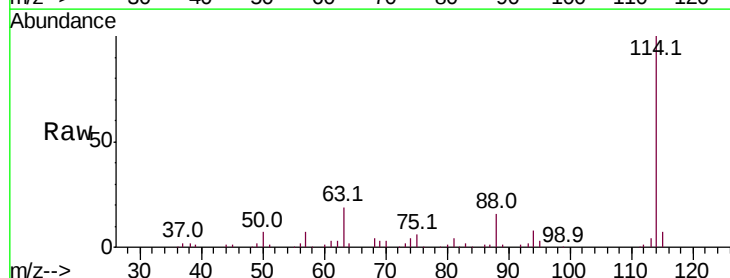
Instrument :
 MSVOA_W
 ClientSampled :

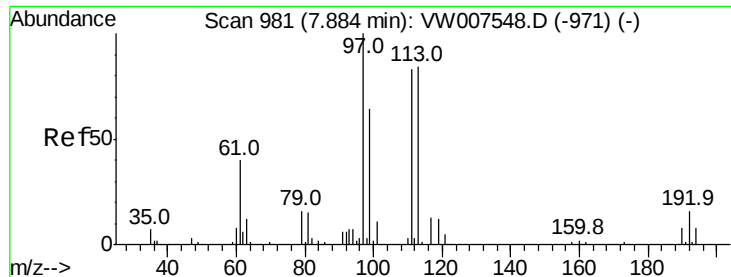
Tot Ion: 65 Resp: 27257
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007685.D
 Acq: 19 Dec 2018 04:58

Tgt Ion: 114 Resp: 69624
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 15.7 0.0 31.4

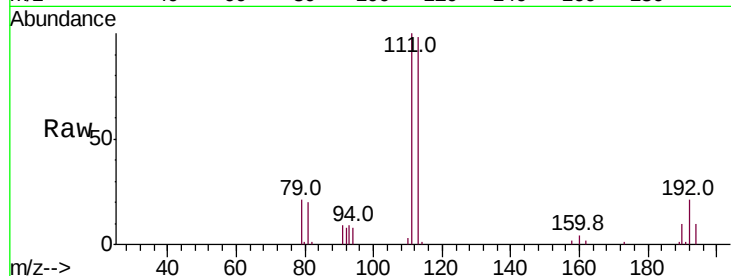




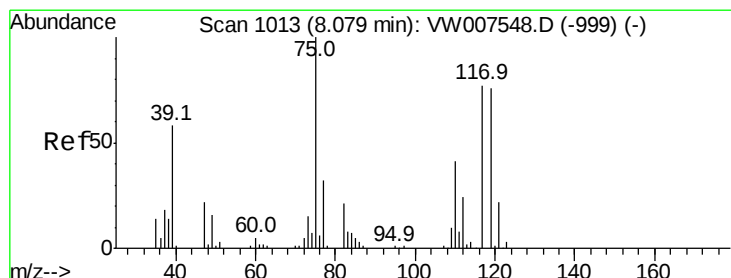
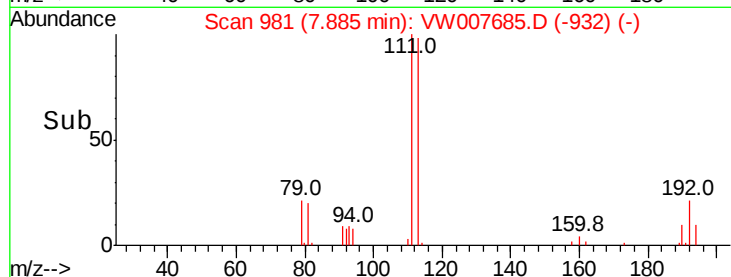
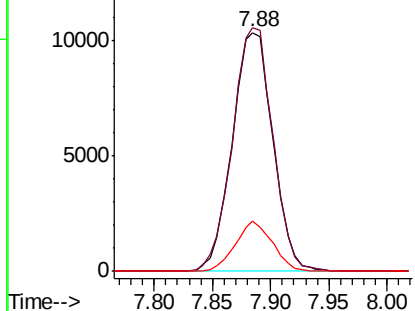
#35
 Dibromofluoromethane
 Concen: 59.901 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007685.D
 Acq: 19 Dec 2018 04:58

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 25246
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.1 121.7
 192 19.1 14.6 21.8

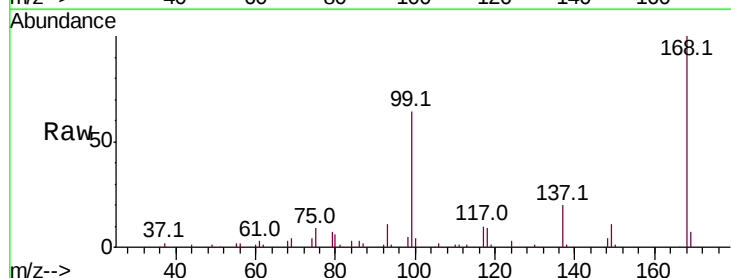


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

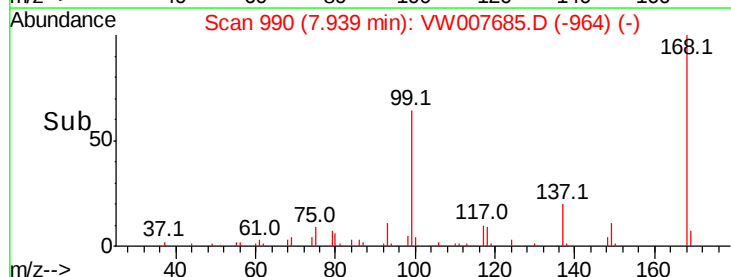
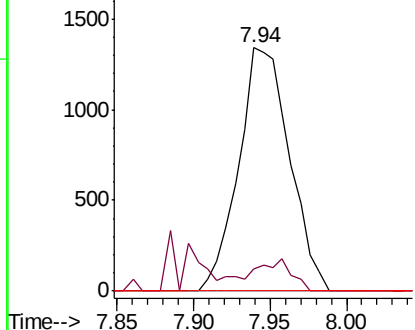


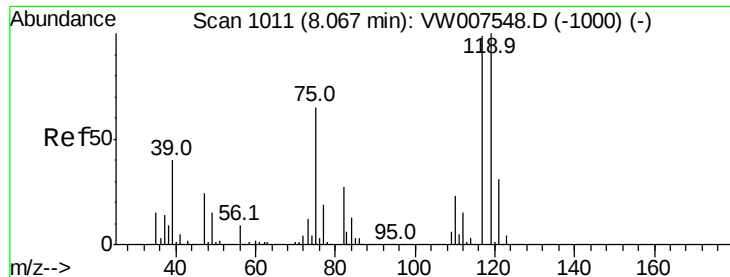
#36
 1,1-Dichloropropene
 Concen: 4.878 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW007685.D
 Acq: 19 Dec 2018 04:58

Tgt Ion: 75 Resp: 3098
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.5 55.5#
 77 0.0 25.6 38.4#



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

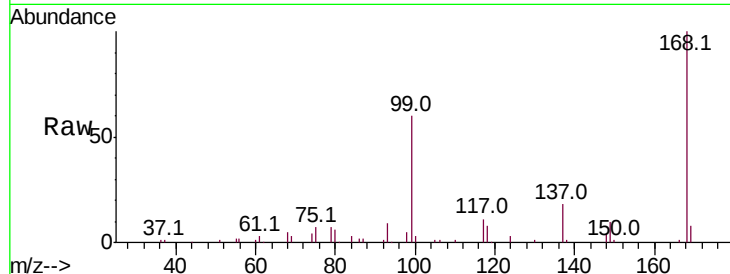




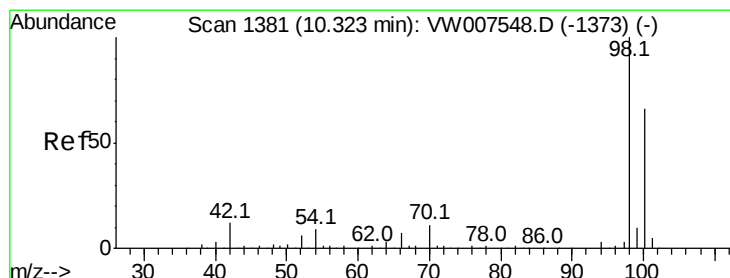
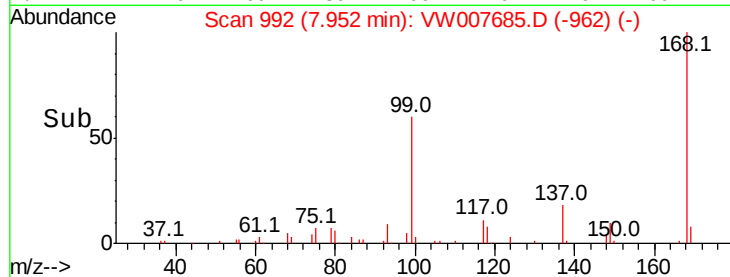
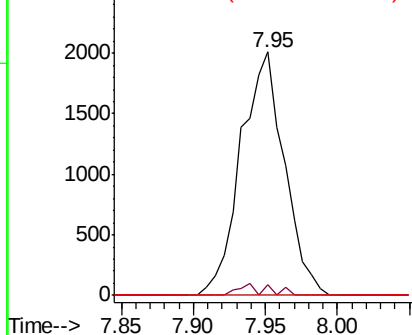
#38
Carbon Tetrachloride
Concen: 6.102 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007685.D
Acq: 19 Dec 2018 04:58

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 4217
Ion Ratio Lower Upper
117 100
119 4.4 74.3 111.5#
121 0.0 24.3 36.5#

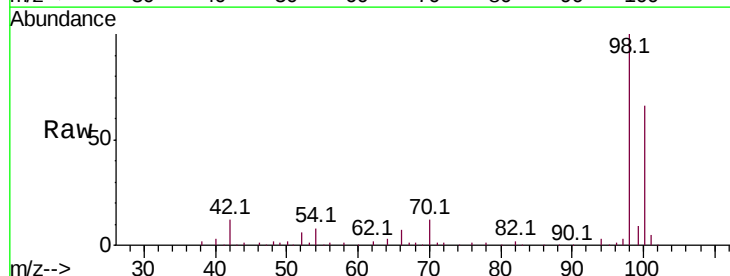


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

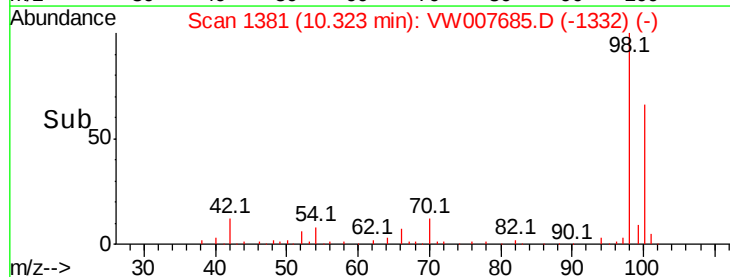
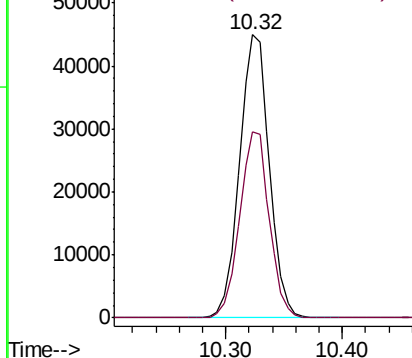


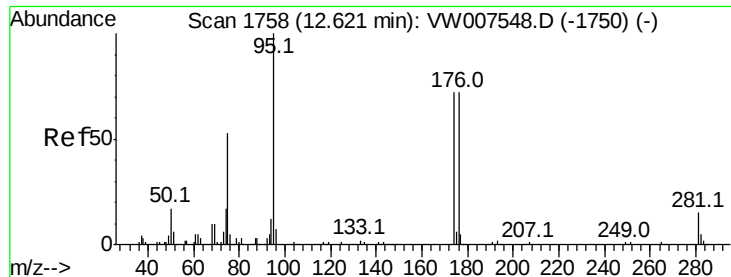
#50
Toluene-d8
Concen: 50.600 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007685.D
Acq: 19 Dec 2018 04:58

Tgt Ion: 98 Resp: 79960
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 37.412 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007685.D

Acq: 19 Dec 2018 04:58

Instrument :

MSVOA_W

ClientSampleId :

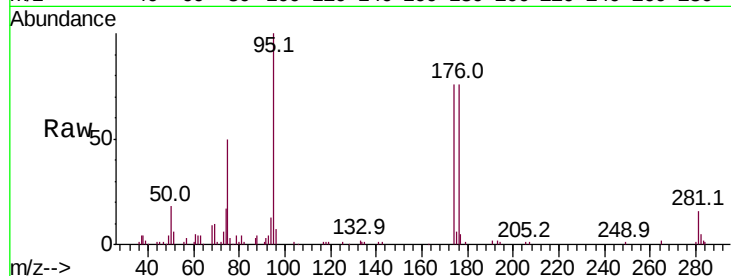
Tot Ion: 95 Resp: 21737

Ion Ratio Lower Upper

95 100

174 77.4 0.0 147.2

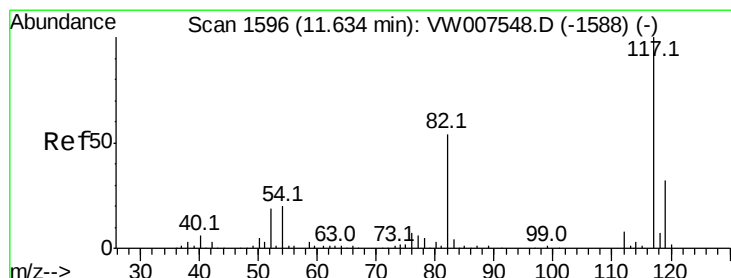
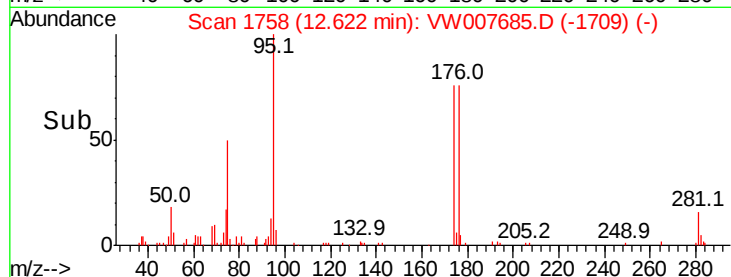
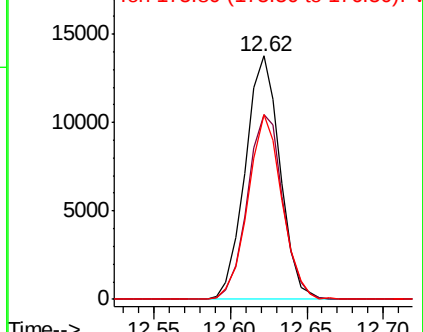
176 74.5 0.0 138.8



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: VW007685.D

Acq: 19 Dec 2018 04:58

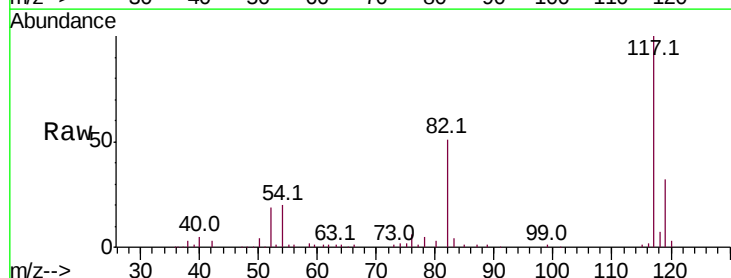
Tgt Ion: 117 Resp: 54406

Ion Ratio Lower Upper

117 100

82 51.5 42.3 63.5

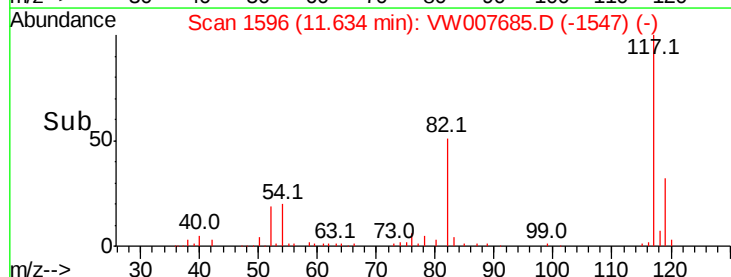
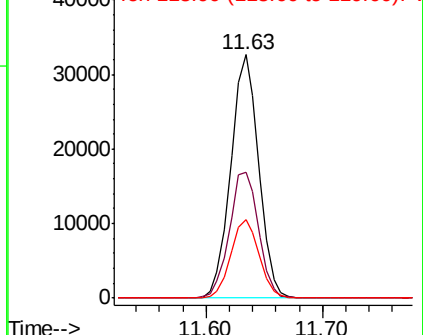
119 32.2 23.0 34.6

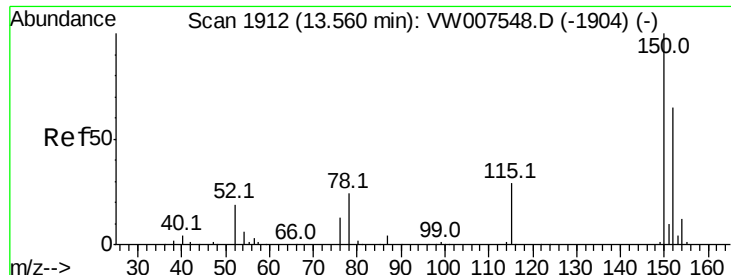


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007685.D

Acq: 19 Dec 2018 04:58

Instrument :

MSVOA_W

ClientSampled :

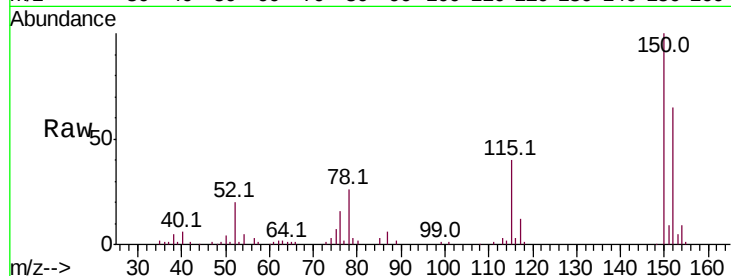
Tot Ion:152 Resp: 18715

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.2

150 154.8 0.0 358.4

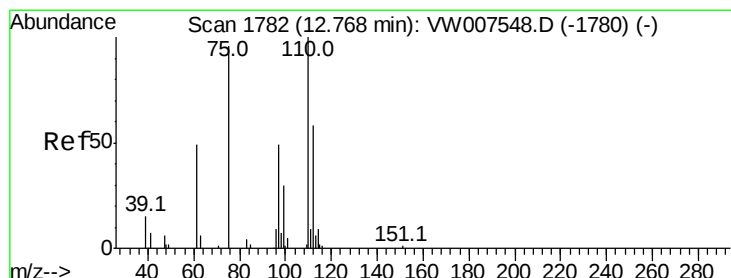
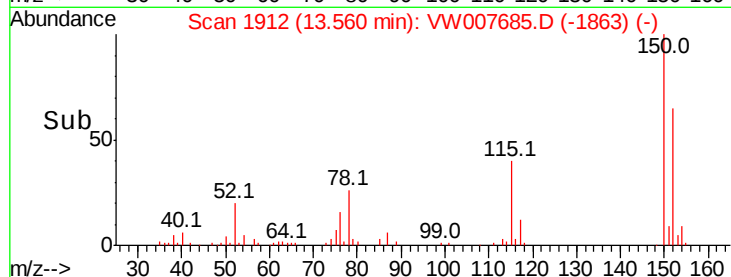
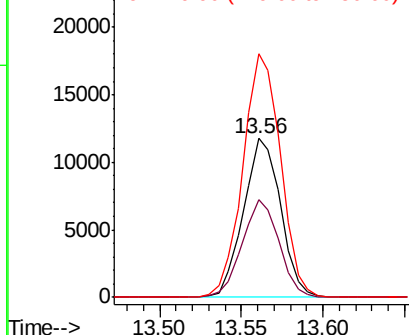


Abundance

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



#76

1,2,3-Trichloropropane

Concen: 70.553 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007685.D

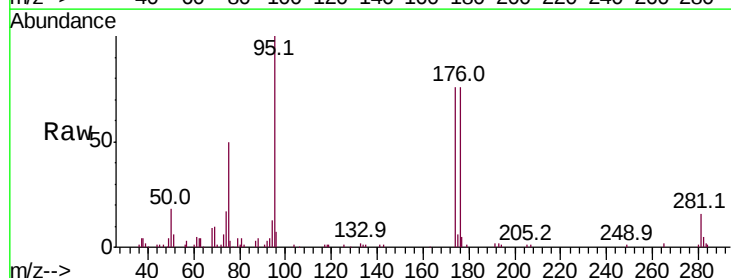
Acq: 19 Dec 2018 04:58

Tgt Ion: 75 Resp: 10887

Ion Ratio Lower Upper

75 100

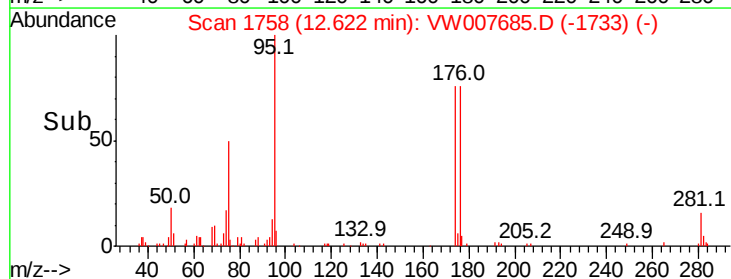
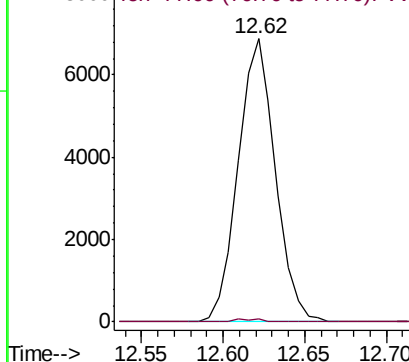
77 0.6 166.9 500.8#

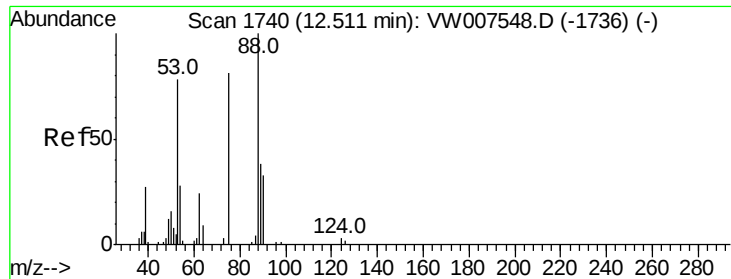


Abundance

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: 155.851 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007685.D

Acq: 19 Dec 2018 04:58

Instrument :

MSVOA_W

ClientSampleId :

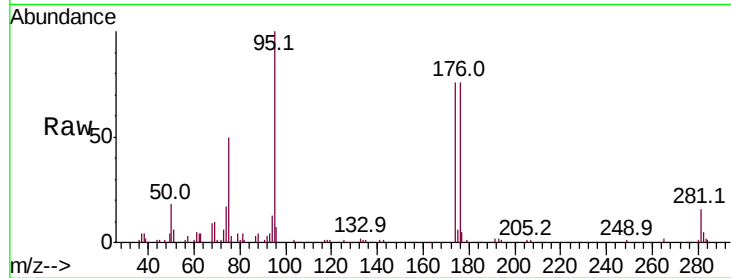
Tot Ion: 75 Resp: 10887

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



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

