

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007599.D
 Acq On : 16 Dec 2018 00:21
 Operator : SY/AP
 Sample : VW1215SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBL01

Quant Time: Dec 16 02:35:28 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	70950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52702	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	42546	54.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.10%	
35) Dibromofluoromethane	7.88	113	39387	53.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.30%	
50) Toluene-d8	10.32	98	145298	52.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.62	95	54604	53.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.90%	

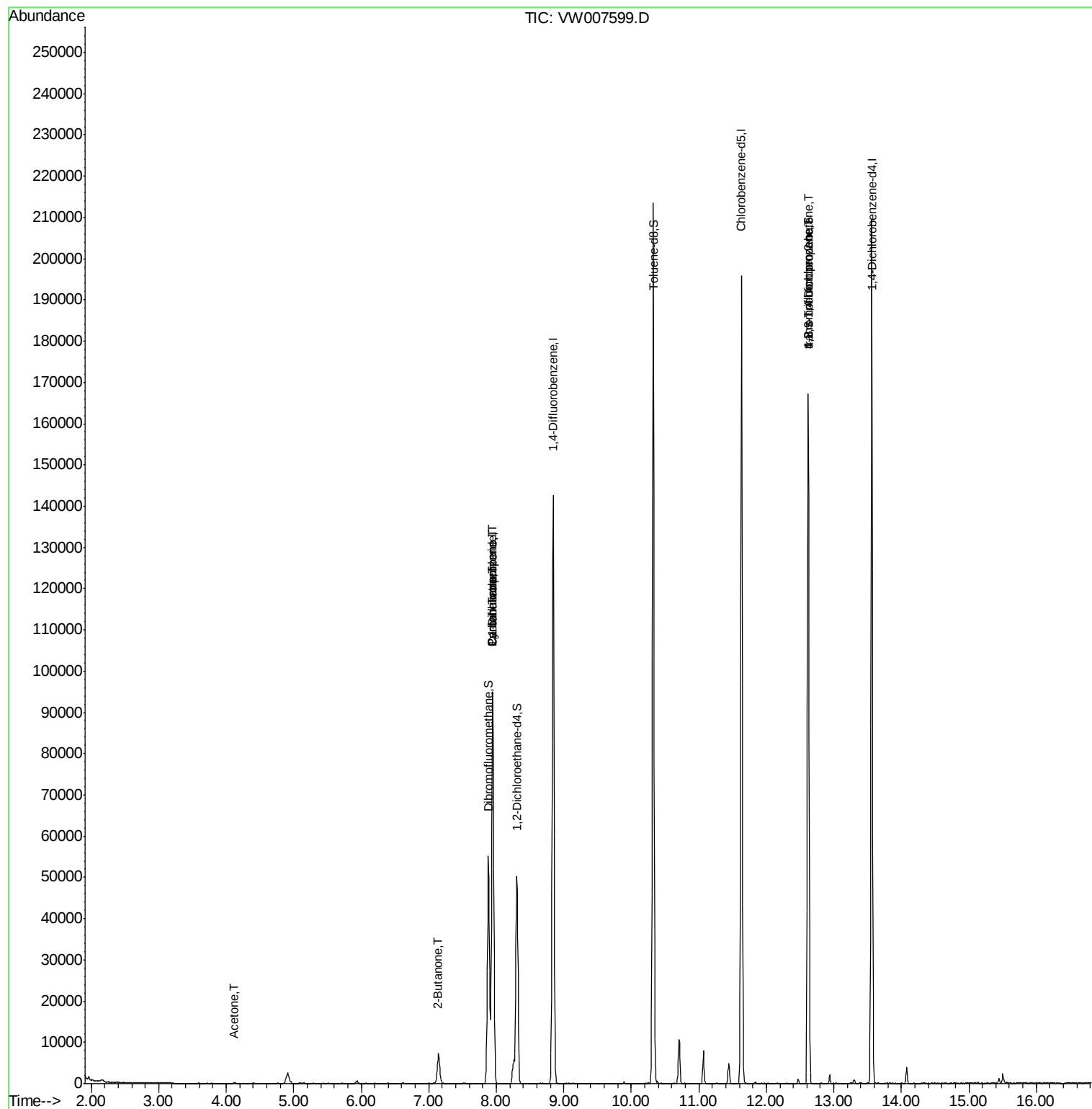
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	524	3.811	ug/l #	44
20) Methylene Chloride	4.91	84	2340	Below Cal		92
25) 2-Butanone	7.15	43	307	1.710	ug/l #	45
31) Cyclohexane	7.94	56	1538	1.258	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	5285	4.777	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7421	6.164	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	28249	65.009	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	28249	143.604	ug/l #	7

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
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Acq On : 16 Dec 2018 00:21
Operator : SY/AP
Sample : VW1215SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBL01

Quant Time: Dec 16 02:35:28 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: VW007599.D

Acq: 16 Dec 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

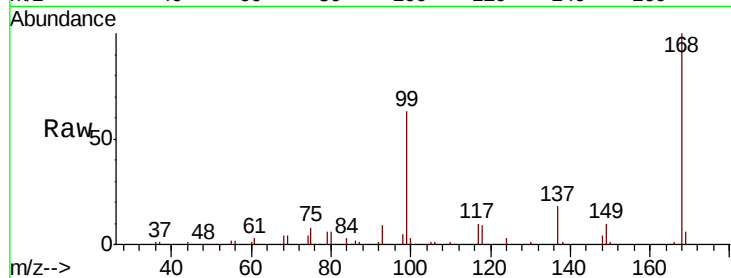
VW1218SBL01

Tgt Ion:168 Resp: 70950

Ion Ratio Lower Upper

168 100

99 62.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW007548.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007548.D (-981) (-)

7.95

30000

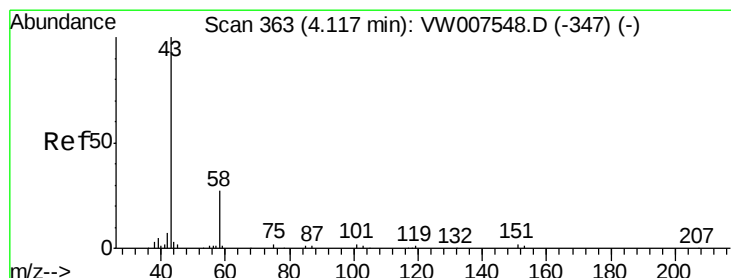
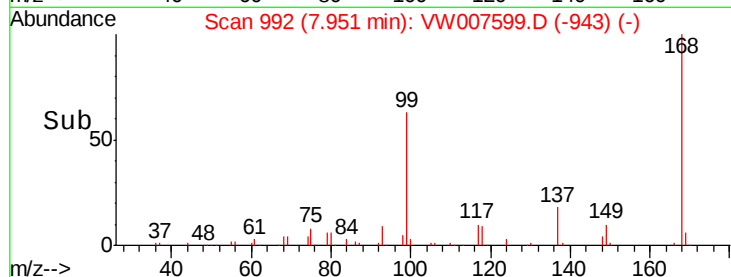
20000

10000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 3.811 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007599.D

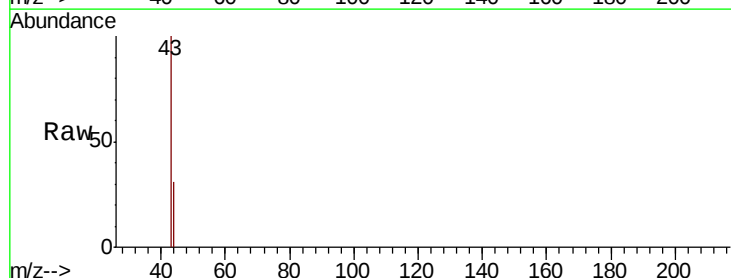
Acq: 16 Dec 2018 00:21

Tgt Ion: 43 Resp: 524

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW007548.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VW007548.D (-347) (-)

4.12

200

150

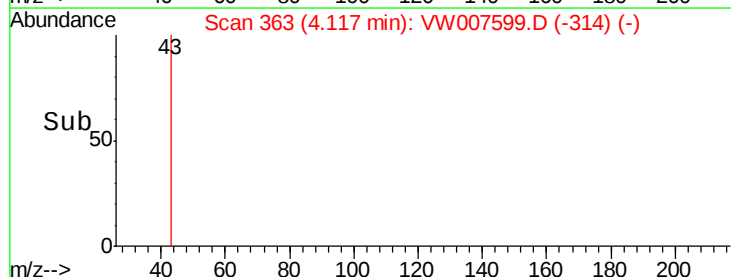
100

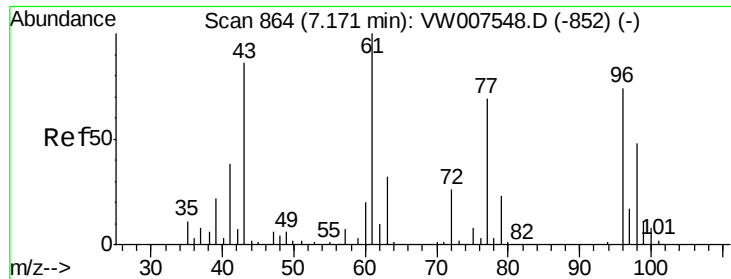
50

0

4.05 4.10 4.15 4.20

Time-->





#25

2-Butanone

Concen: 1.710 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007599.D

Acq: 16 Dec 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

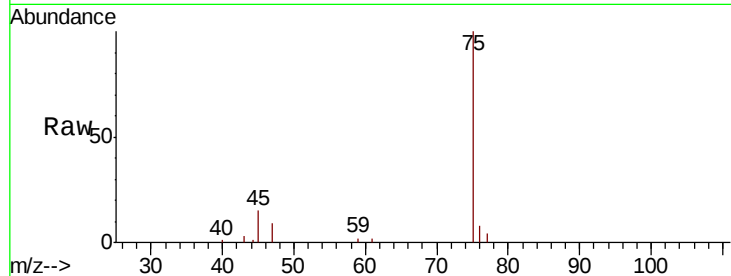
VW1218SBL01

Tgt Ion: 43 Resp: 307

Ion Ratio Lower Upper

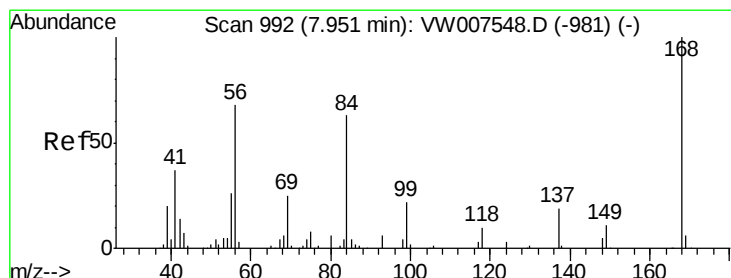
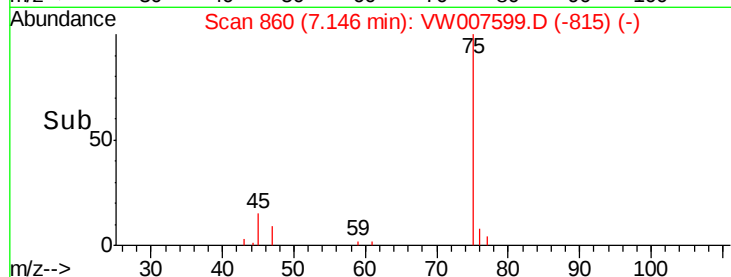
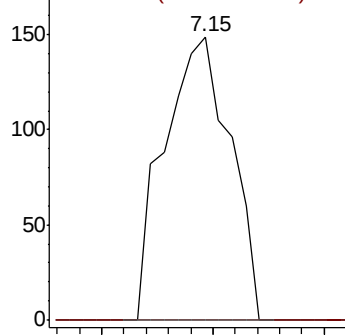
43 100

72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007599.D

Acq: 16 Dec 2018 00:21

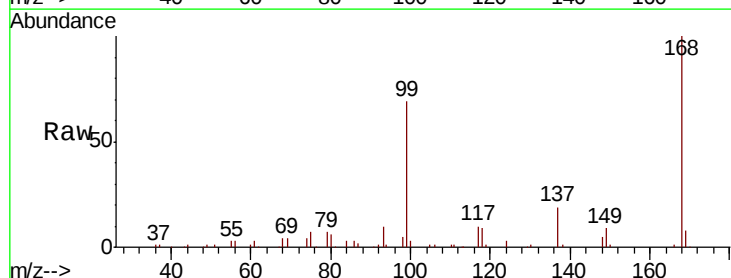
Tgt Ion: 56 Resp: 1538

Ion Ratio Lower Upper

56 100

69 170.8 28.9 43.3#

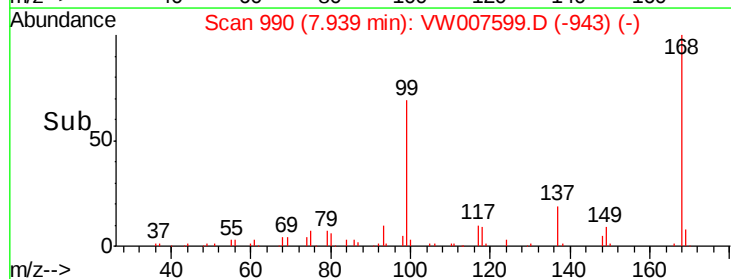
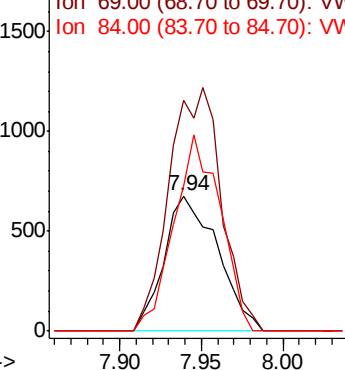
84 107.9 71.8 107.6#

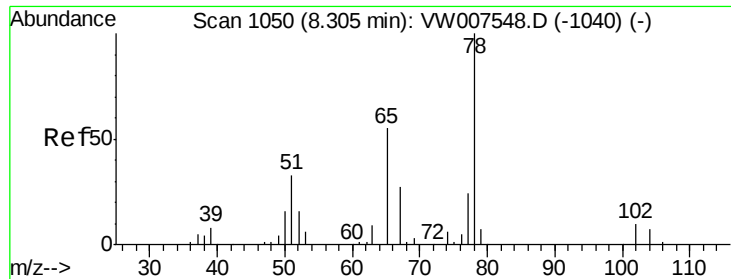


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

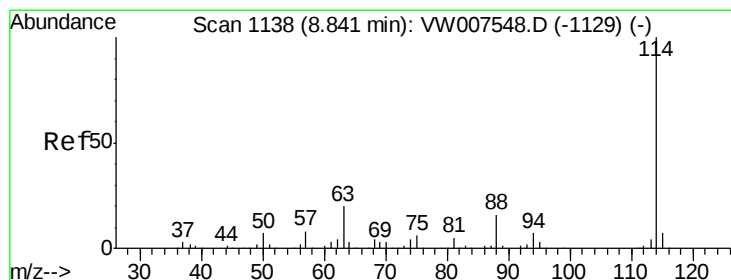
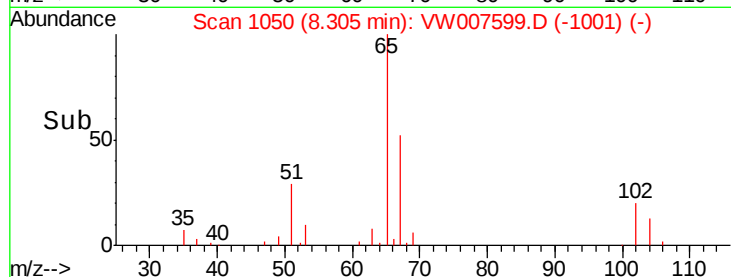
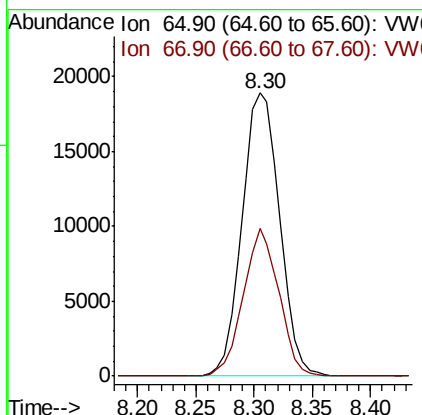
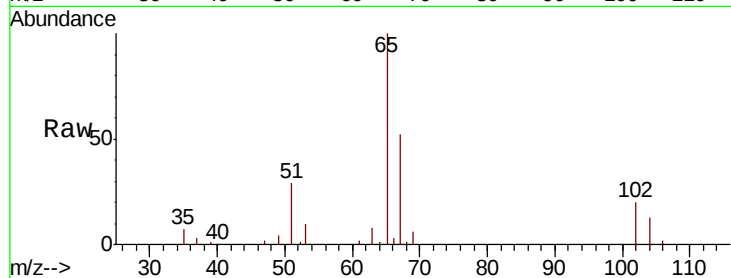




#33
 1,2-Dichloroethane-d4
 Concen: 54.052 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007599.D
 Acq: 16 Dec 2018 00:21

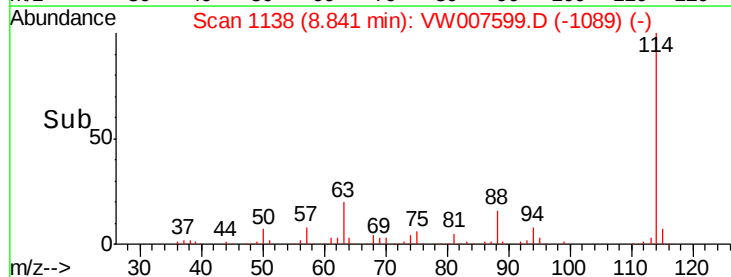
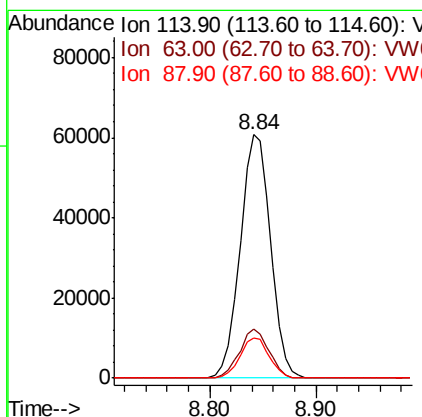
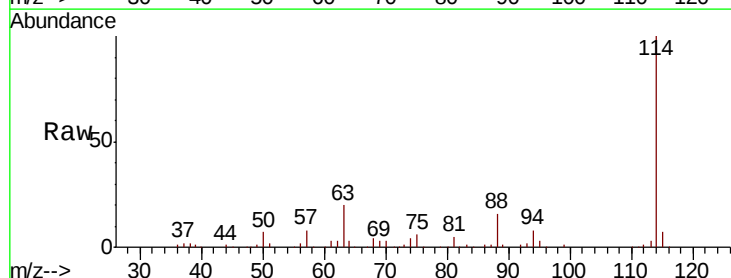
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBL01

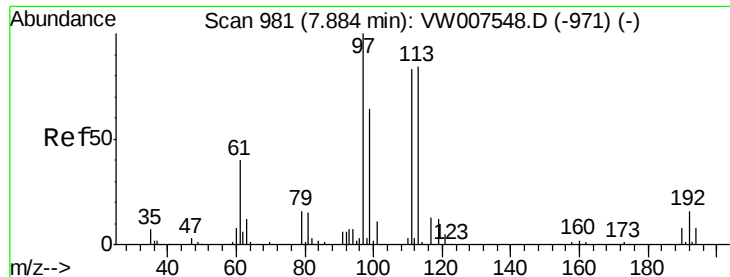
Tgt Ion: 65 Resp: 42546
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007599.D
 Acq: 16 Dec 2018 00:21

Tgt Ion: 114 Resp: 121287
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 16.5 0.0 31.4

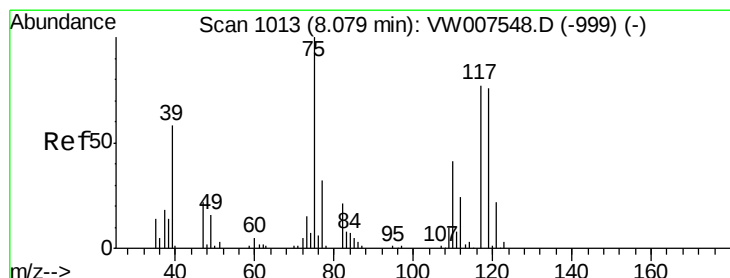
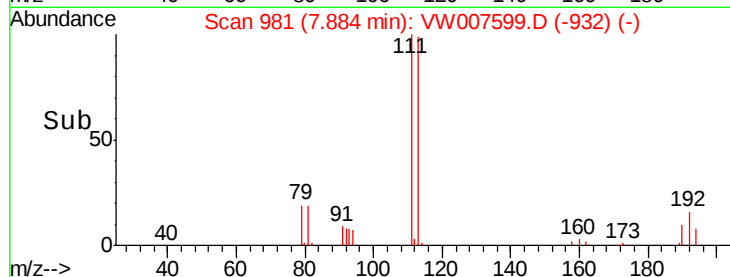
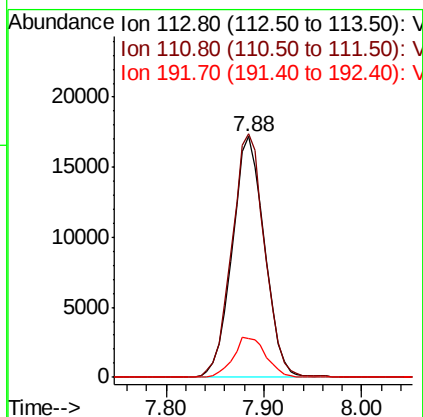
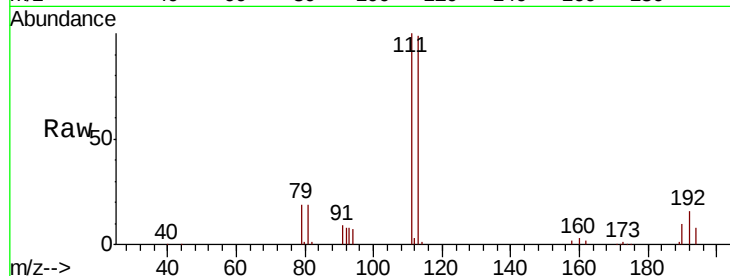




#35
 Dibromofluoromethane
 Concen: 53.646 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007599.D
 Acq: 16 Dec 2018 00:21

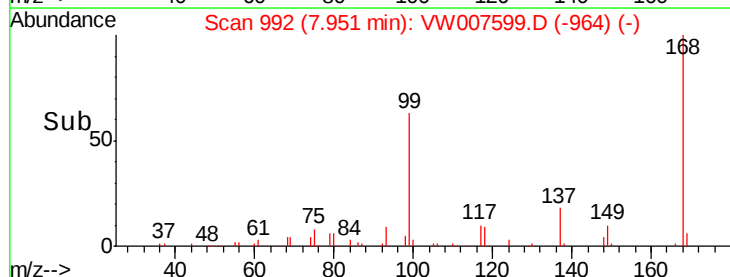
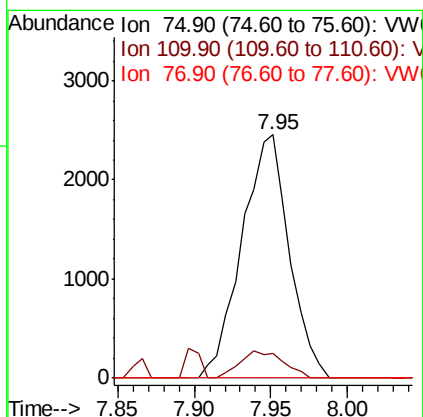
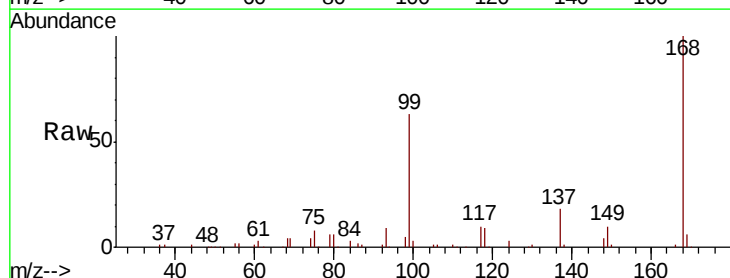
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBL01

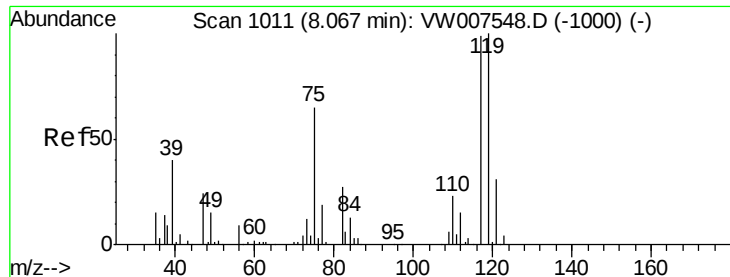
Tgt Ion: 113 Resp: 39387
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.1 121.7
 192 16.7 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.777 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007599.D
 Acq: 16 Dec 2018 00:21

Tgt Ion: 75 Resp: 5285
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.5 55.5#
 77 0.0 25.6 38.4#

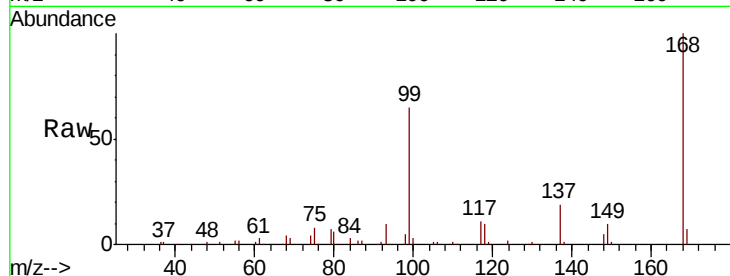




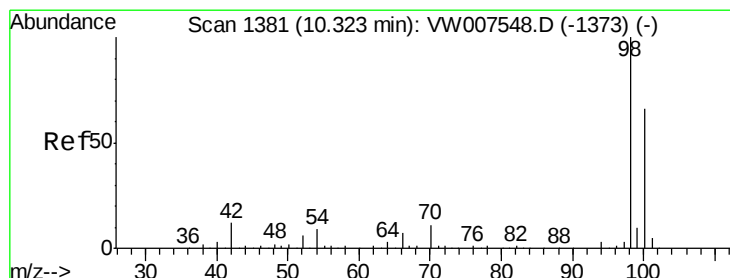
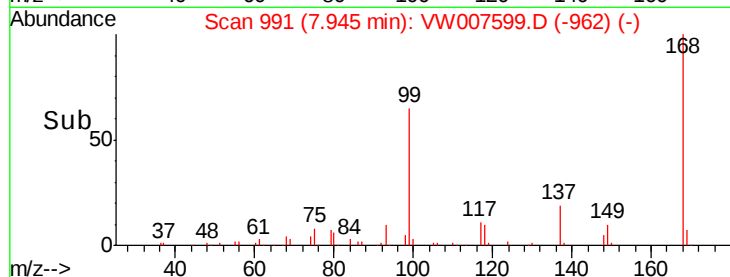
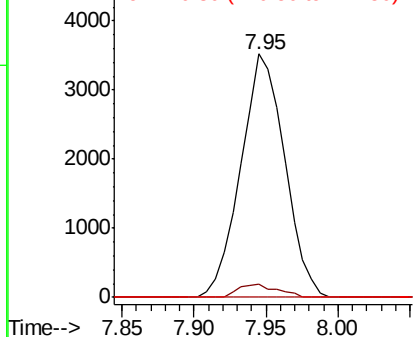
#38
Carbon Tetrachloride
Concen: 6.164 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007599.D
Acq: 16 Dec 2018 00:21

Instrument :
MSVOA_W
ClientSampleId :
VW1218SBL01

Tgt Ion: 117 Resp: 7421
Ion Ratio Lower Upper
117 100
119 5.6 74.3 111.5#
121 0.0 24.3 36.5#

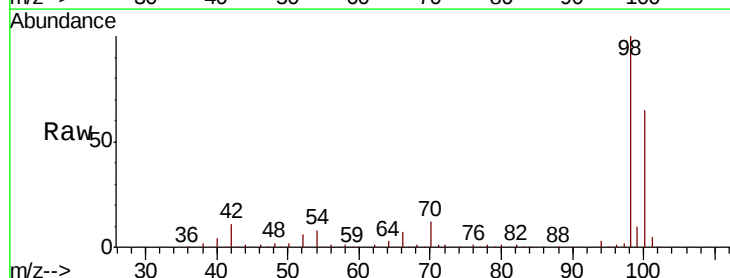


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

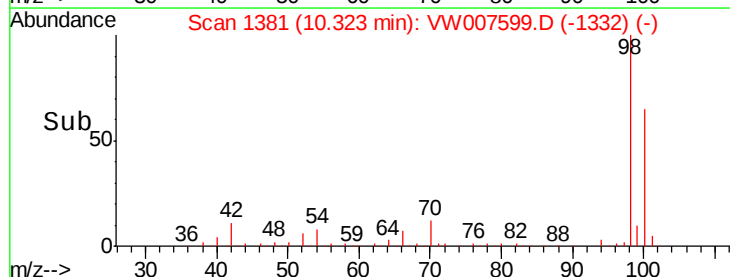
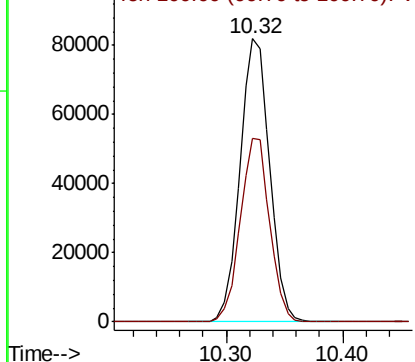


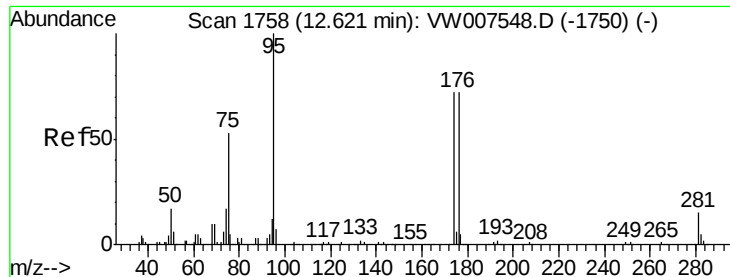
#50
Toluene-d8
Concen: 52.781 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007599.D
Acq: 16 Dec 2018 00:21

Tgt Ion: 98 Resp: 145298
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



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





#62

4-Bromofluorobenzene

Concen: 53.949 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007599.D

Acq: 16 Dec 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBL01

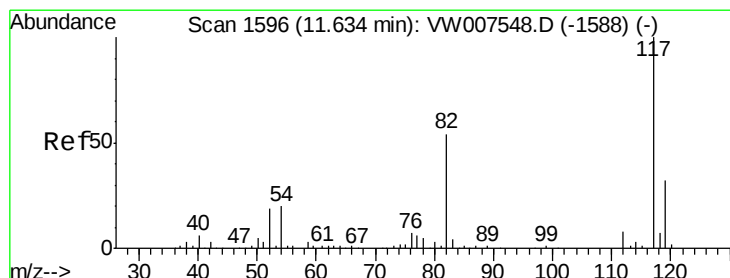
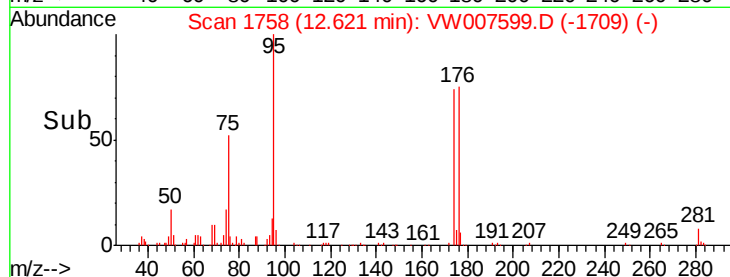
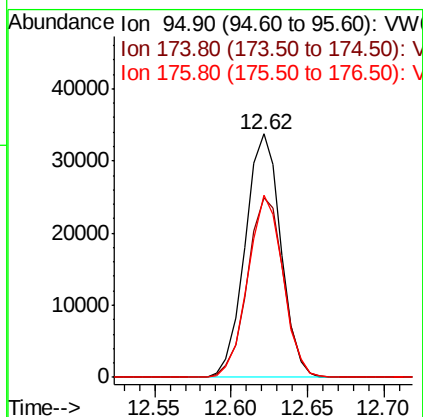
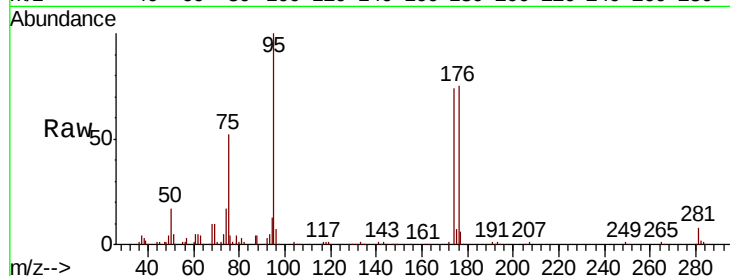
Tgt Ion: 95 Resp: 54604

Ion Ratio Lower Upper

95 100

174 75.2 0.0 147.2

176 73.8 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: VW007599.D

Acq: 16 Dec 2018 00:21

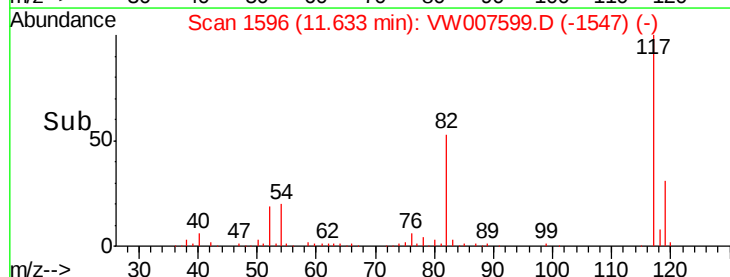
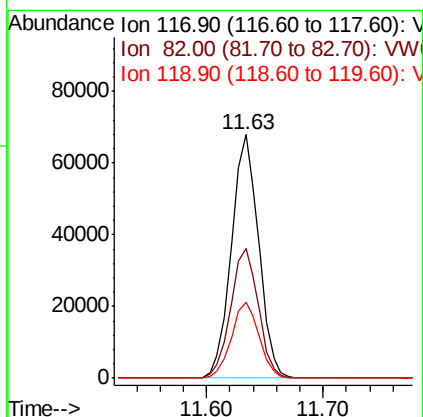
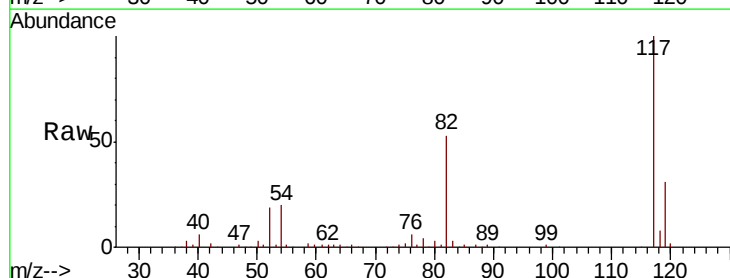
Tgt Ion: 117 Resp: 110645

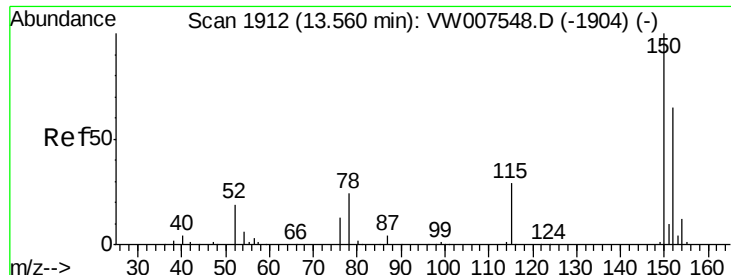
Ion Ratio Lower Upper

117 100

82 53.1 42.3 63.5

119 31.3 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: VW007599.D

Acq: 16 Dec 2018 00:21

Instrument :

MSVOA_W

ClientSampleId :

VW1218SBL01

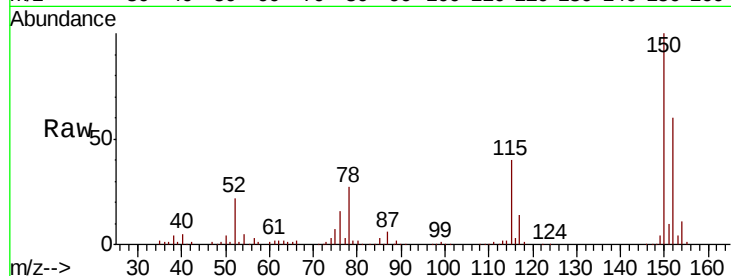
Tgt Ion:152 Resp: 52702

Ion Ratio Lower Upper

152 100

115 63.4 31.4 94.2

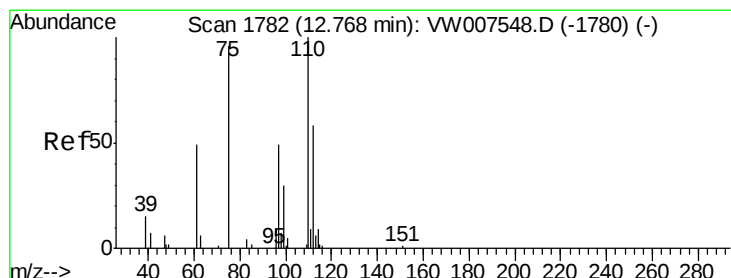
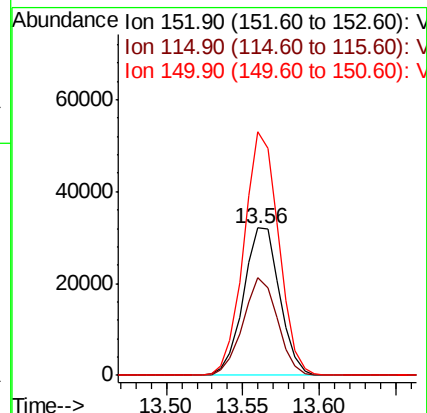
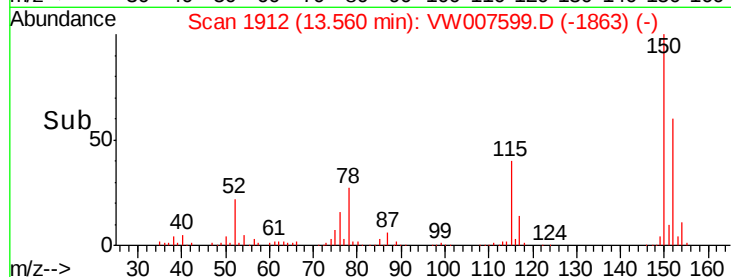
150 158.9 0.0 358.4



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



#76

1,2,3-Trichloropropane

Concen: 65.009 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007599.D

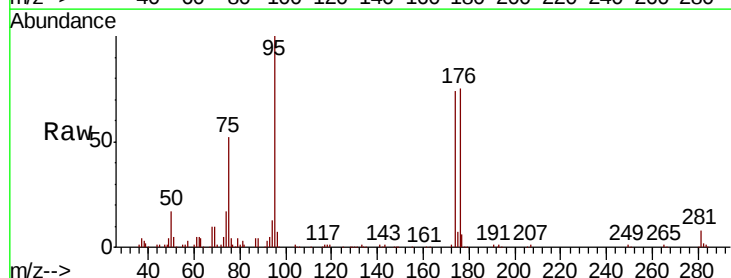
Acq: 16 Dec 2018 00:21

Tgt Ion: 75 Resp: 28249

Ion Ratio Lower Upper

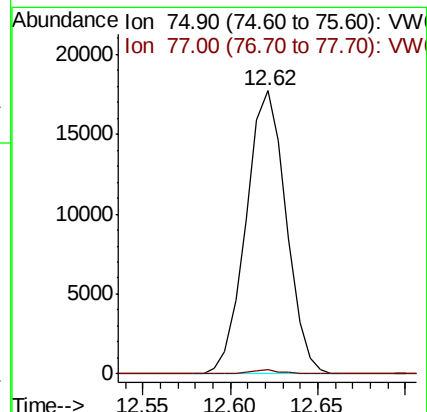
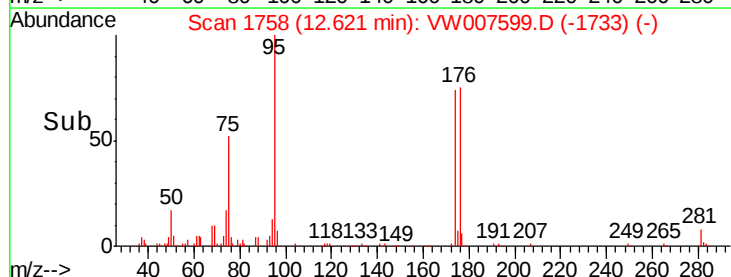
75 100

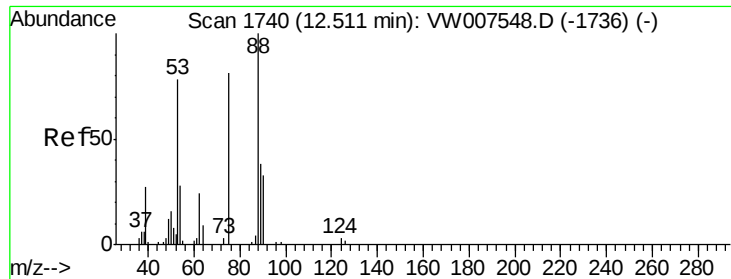
77 1.1 166.9 500.8#



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: 143.604 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007599.D
 Acq: 16 Dec 2018 00:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1218SBL01

Tgt Ion: 75 Resp: 28249
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

