

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007477.D
 Acq On : 13 Dec 2018 10:25
 Operator : SY/AP
 Sample : J6319-07
 Misc : 5.27G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 061_SW-N-1

Quant Time: Dec 13 11:37:36 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	35017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	64912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	53004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	19719	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	23449	60.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	120.72%	
35) Dibromofluoromethane	7.88	113	19495	49.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.22%	
50) Toluene-d8	10.32	98	55006	37.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.68%	
62) 4-Bromofluorobenzene	12.62	95	18720	34.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	69.12%	

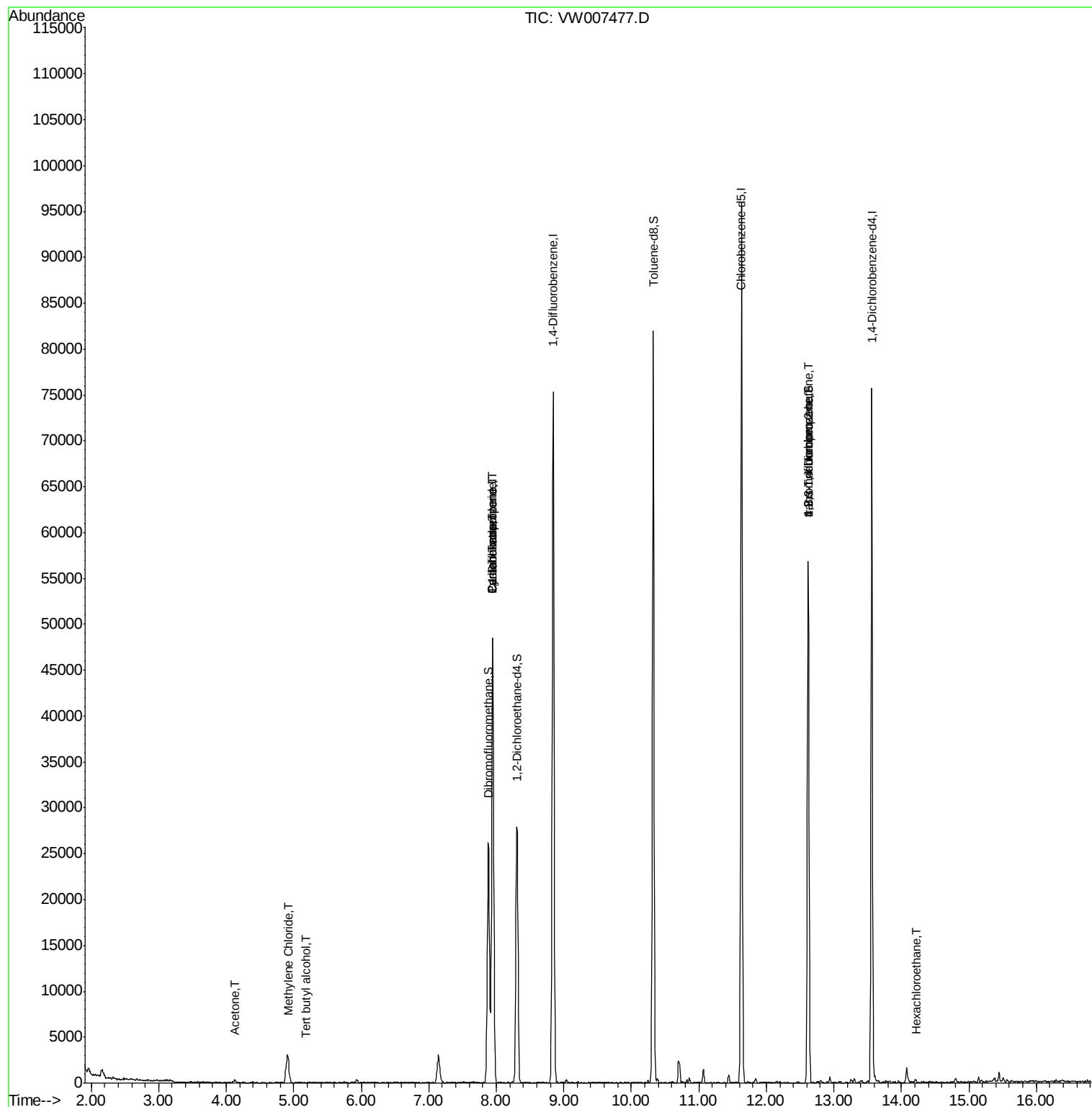
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	40	1.499	ug/l #	74
16) Acetone	4.13	43	678	9.992	ug/l	92
20) Methylene Chloride	4.92	84	2326	2.550	ug/l #	88
31) Cyclohexane	7.95	56	673	1.115	ug/l #	43
36) 1,1-Dichloropropene	7.95	75	2754	4.651	ug/l #	48
38) Carbon Tetrachloride	7.95	117	3746	5.814	ug/l #	20
76) 1,2,3-Trichloropropane	12.62	75	9138	56.203	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	9138	124.153	ug/l #	7
90) Hexachloroethane	14.21	117	258	1.057	ug/l #	14

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

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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# 991

Delta R.T. -0.01 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

Instrument :

MSVOA_W

ClientSampleId :

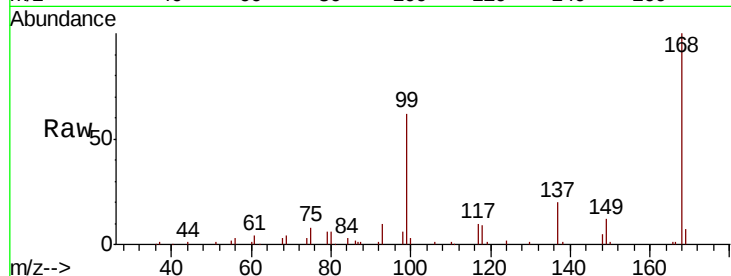
061_SW-N-1

Tot Ion:168 Resp: 35017

Ion Ratio Lower Upper

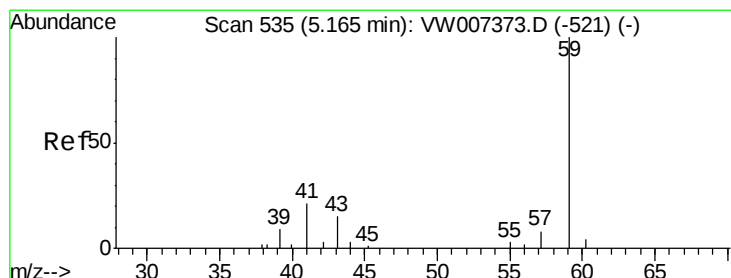
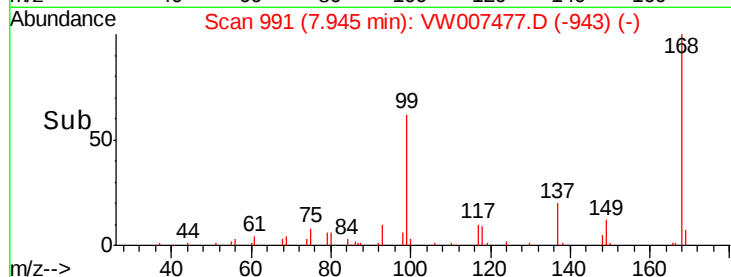
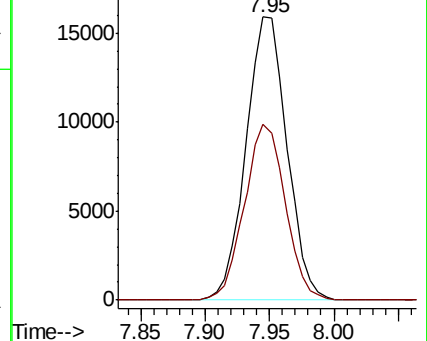
168 100

99 62.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.499 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW007477.D

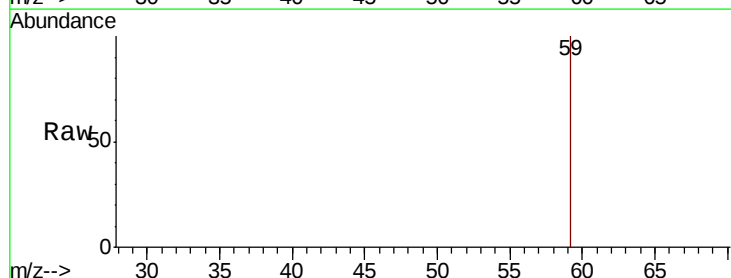
Acq: 13 Dec 2018 10:25

Tgt Ion: 59 Resp: 40

Ion Ratio Lower Upper

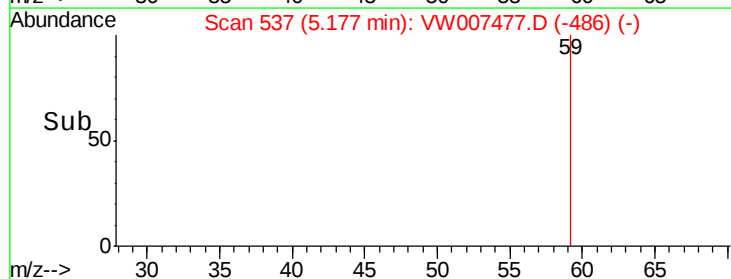
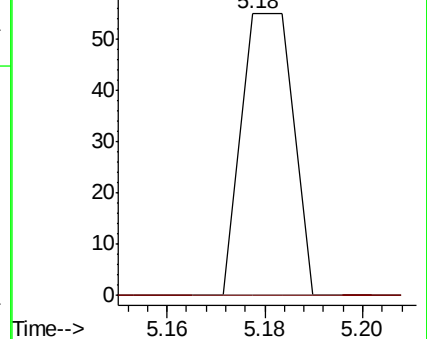
59 100

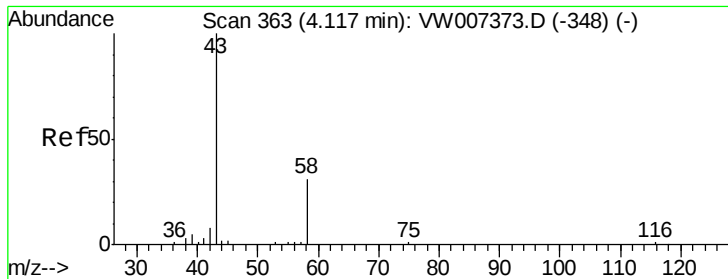
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 9.992 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

Instrument :

MSVOA_W

ClientSampleId :

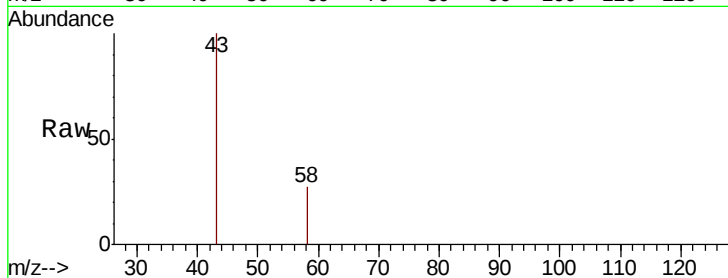
061_SW-N-1

Tot Ion: 43 Resp: 678

Ion Ratio Lower Upper

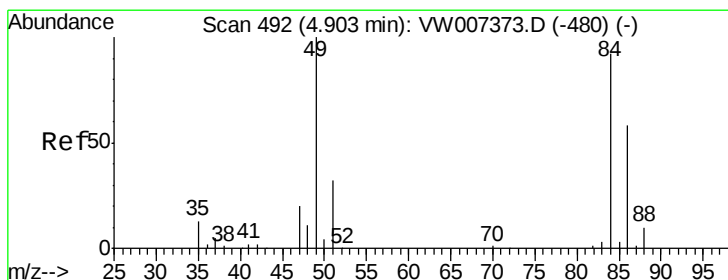
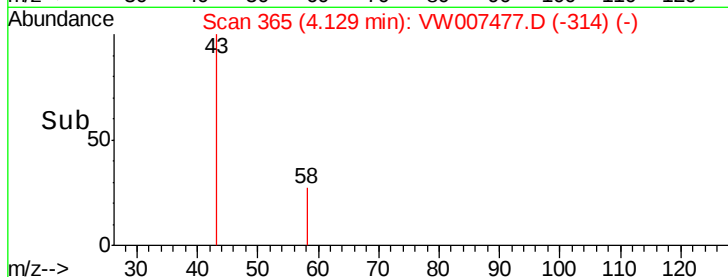
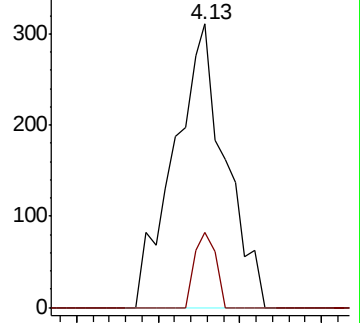
43 100

58 26.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 2.550 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.02 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

Tgt Ion: 84 Resp: 2326

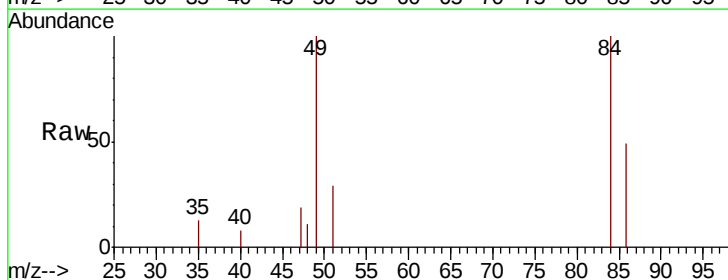
Ion Ratio Lower Upper

84 100

49 100.0 87.1 130.7

51 28.9 28.2 42.2

86 49.3 50.8 76.2#

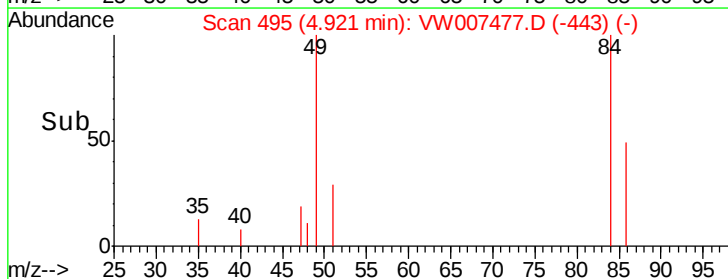
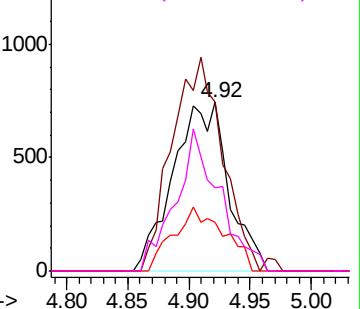


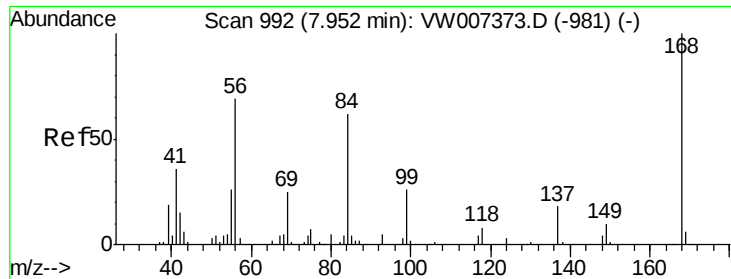
Abundance Ion 83.90 (83.60 to 84.60): VW

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

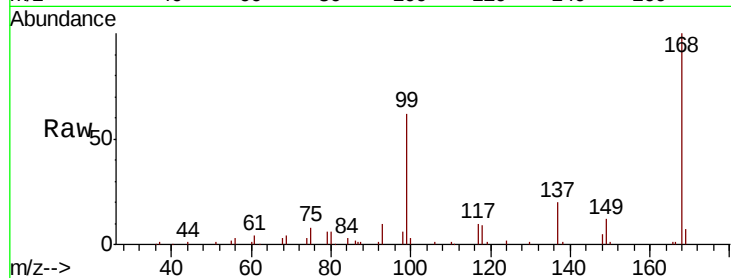




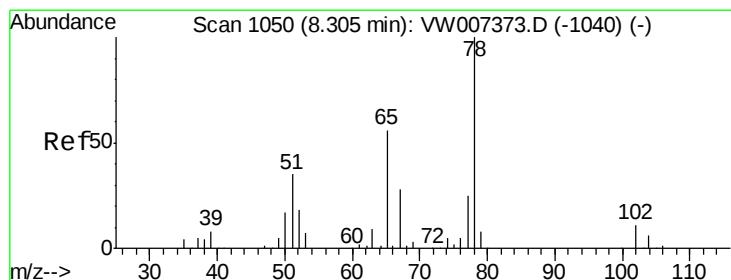
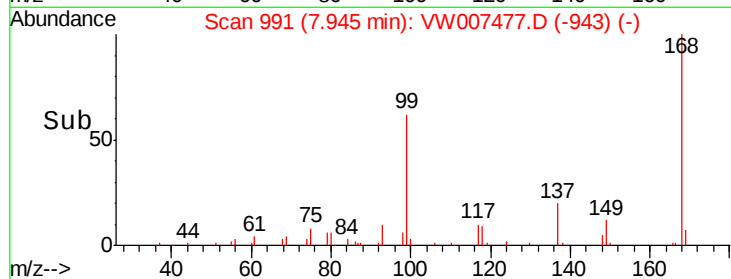
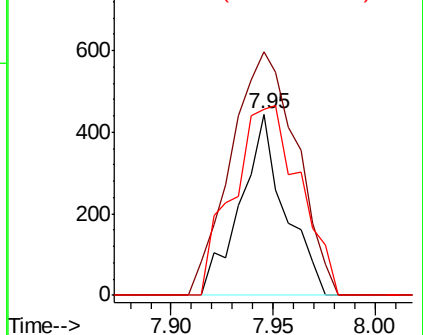
#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007477.D
Acq: 13 Dec 2018 10:25

Instrument :
MSVOA_W
ClientSampleId :
061_SW-N-1

Tot Ion: 56 Resp: 673
Ion Ratio Lower Upper
56 100
69 134.2 28.9 43.3#
84 102.5 71.8 107.6

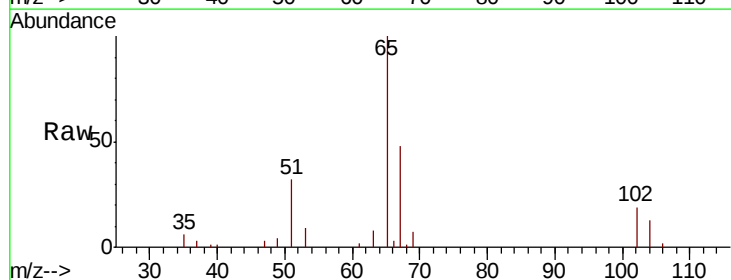


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

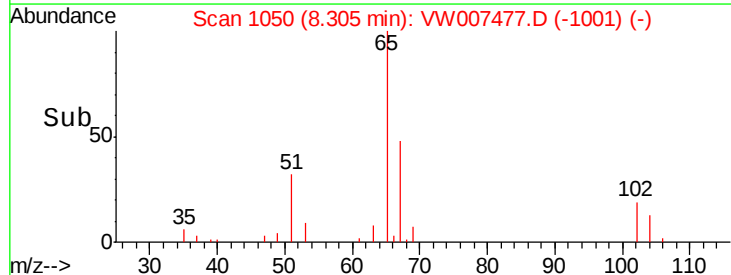
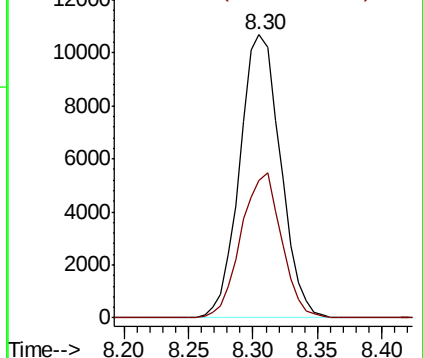


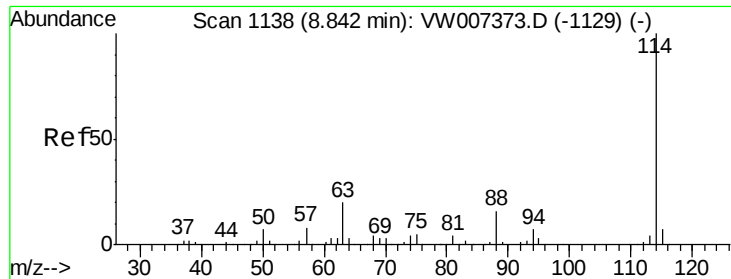
#33
1,2-Dichloroethane-d4
Concen: 60.360 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007477.D
Acq: 13 Dec 2018 10:25

Tgt Ion: 65 Resp: 23449
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

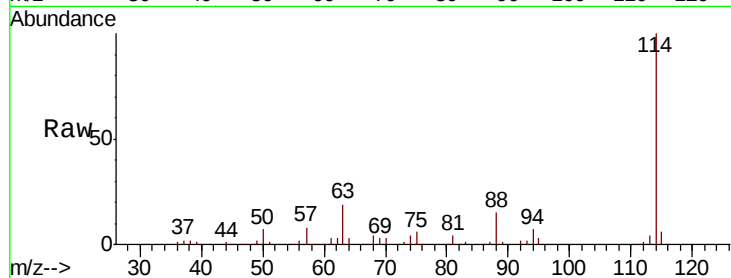




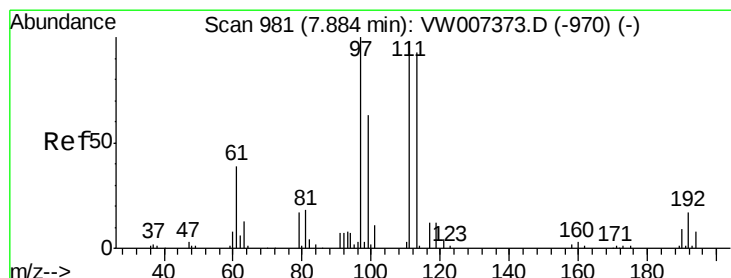
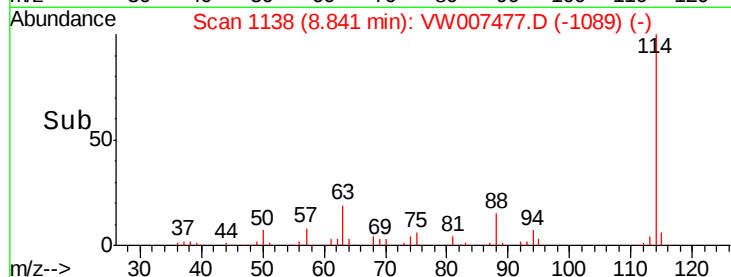
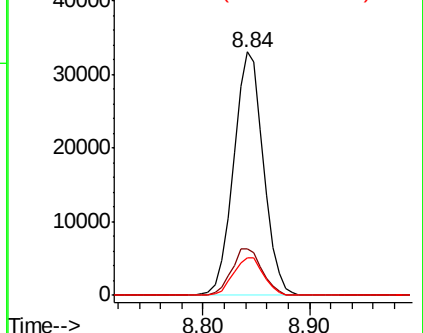
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007477.D
 Acq: 13 Dec 2018 10:25

Instrument :
 MSVOA_W
 ClientSampleId :
 061_SW-N-1

Tot Ion:114 Resp: 64912
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.6
 88 15.5 0.0 31.4

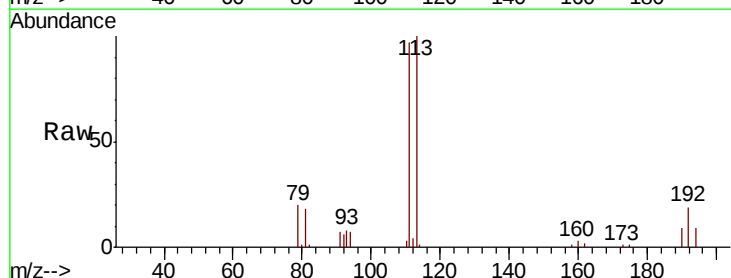


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

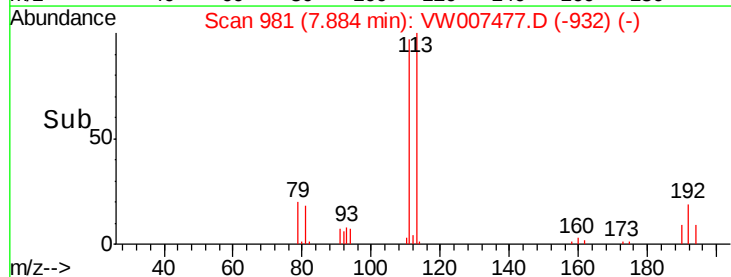
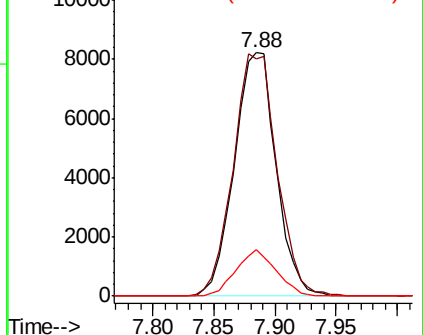


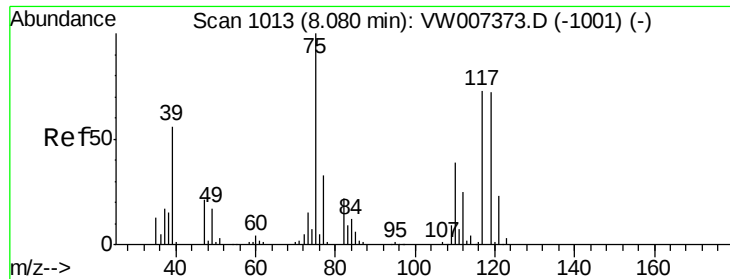
#35
 Dibromofluoromethane
 Concen: 49.613 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007477.D
 Acq: 13 Dec 2018 10:25

Tgt Ion:113 Resp: 19495
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.1 121.7
 192 18.1 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

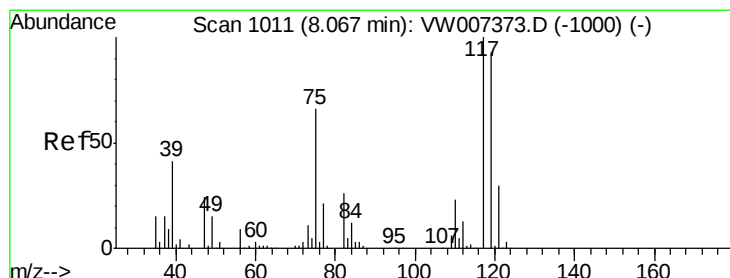
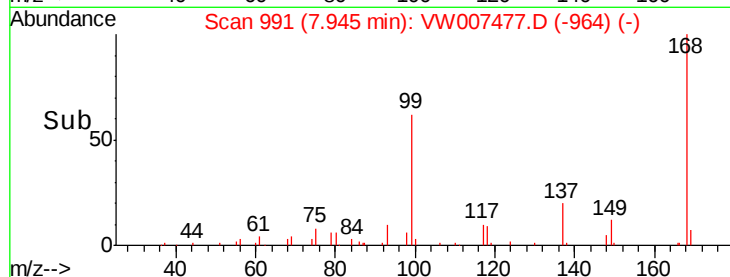
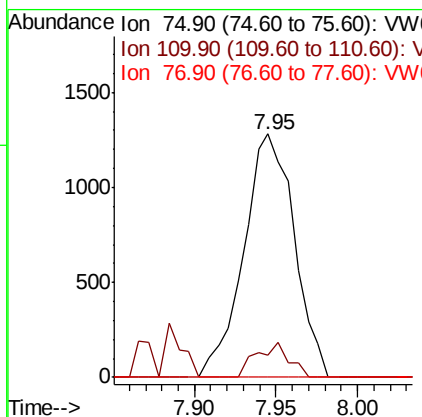
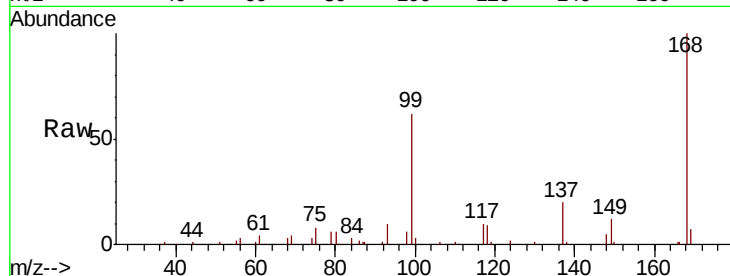




#36
 1,1-Dichloropropene
 Concen: 4.651 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007477.D
 Acq: 13 Dec 2018 10:25

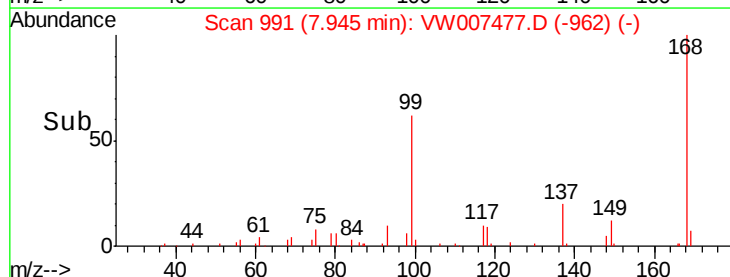
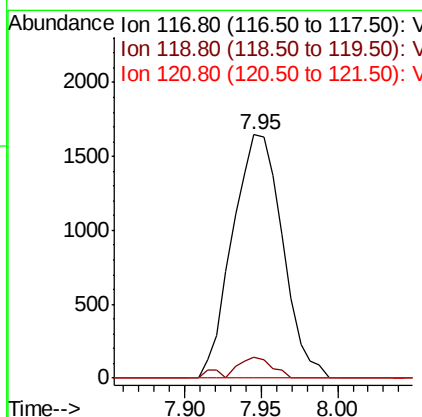
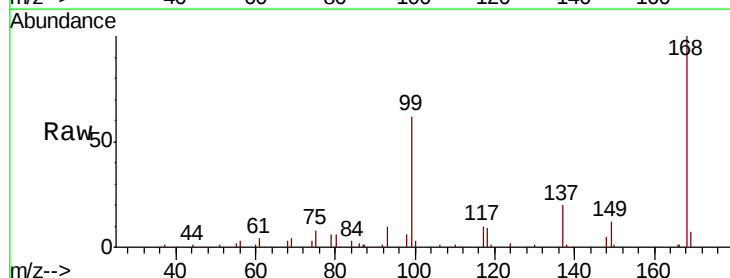
Instrument :
 MSVOA_W
 ClientSampleId :
 061_SW-N-1

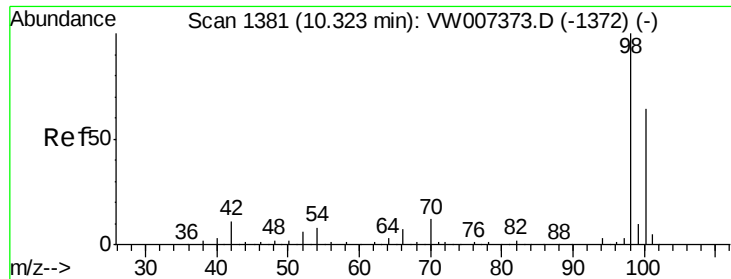
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.814 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007477.D
 Acq: 13 Dec 2018 10:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.7	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 37.335 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

Instrument :

MSVOA_W

ClientSampleId :

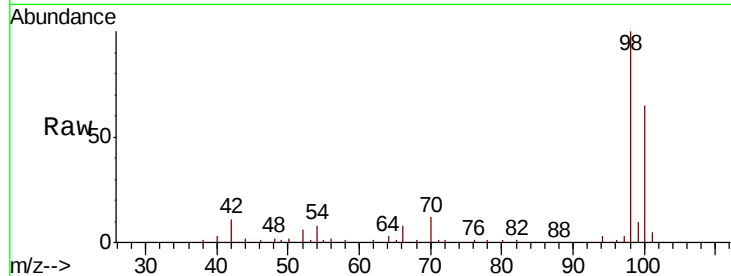
061_SW-N-1

Tot Ion: 98 Resp: 55006

Ion Ratio Lower Upper

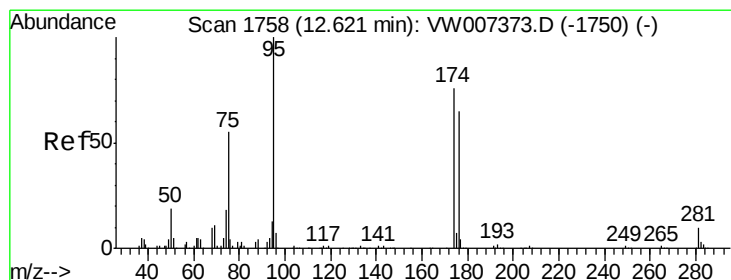
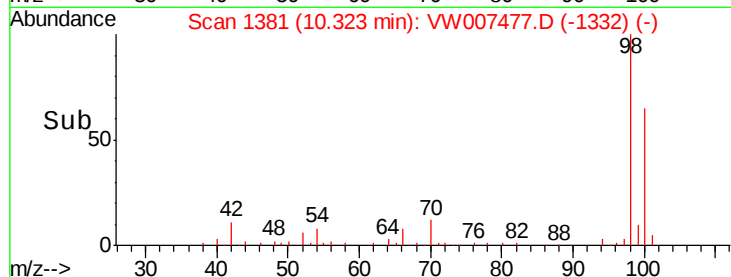
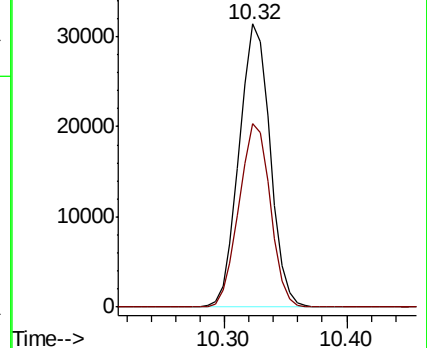
98 100

100 65.7 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: 34.558 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

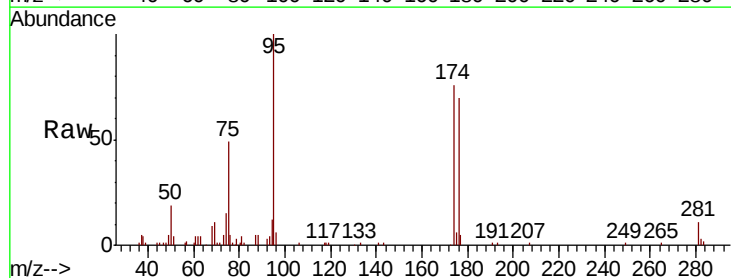
Tgt Ion: 95 Resp: 18720

Ion Ratio Lower Upper

95 100

174 77.3 0.0 147.2

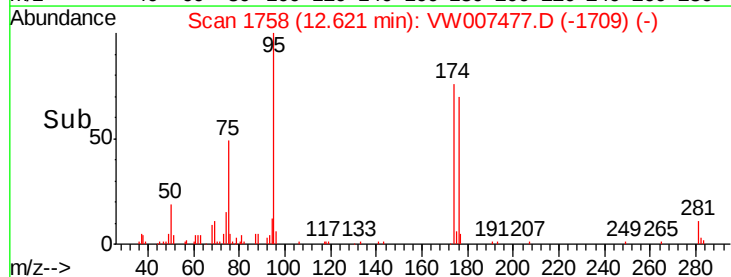
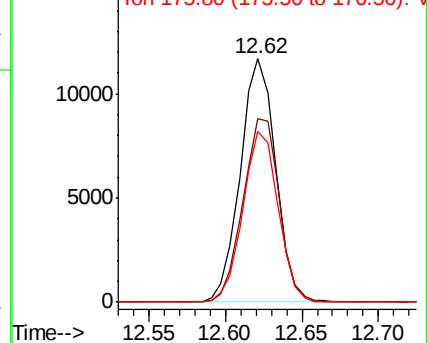
176 70.2 0.0 138.8

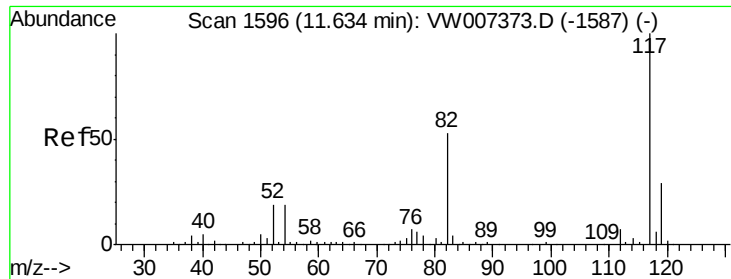


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

Instrument :

MSVOA_W

ClientSampleId :

061_SW-N-1

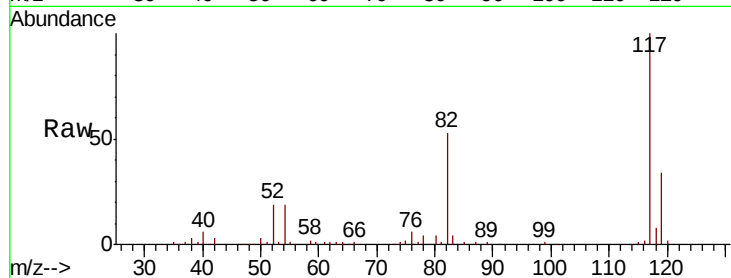
Tot Ion:117 Resp: 53004

Ion Ratio Lower Upper

117 100

82 53.4 42.3 63.5

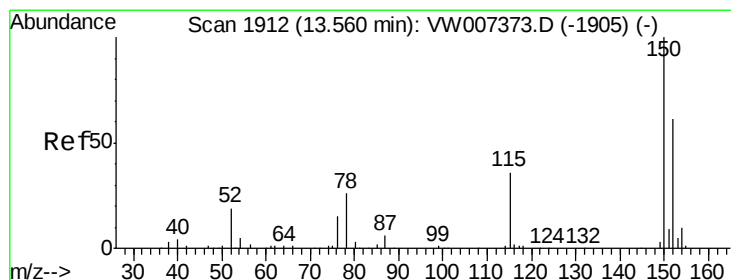
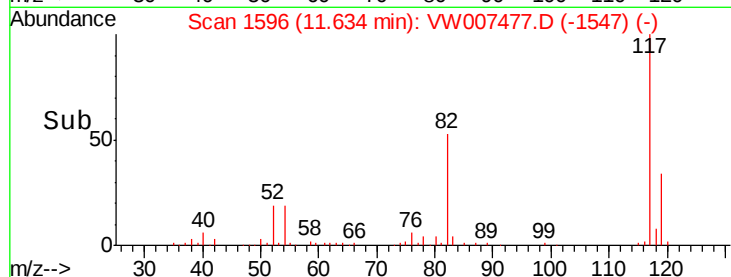
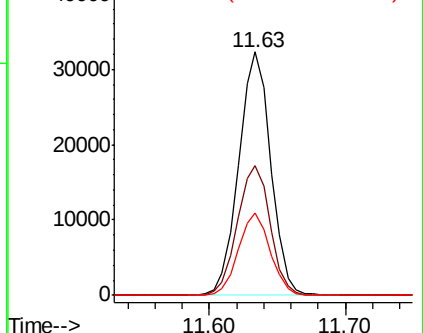
119 33.6 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

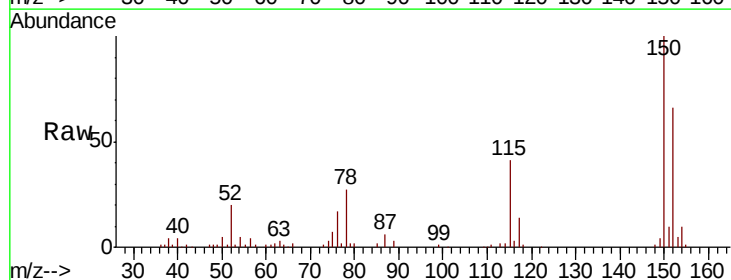
Tgt Ion:152 Resp: 19719

Ion Ratio Lower Upper

152 100

115 62.8 31.4 94.2

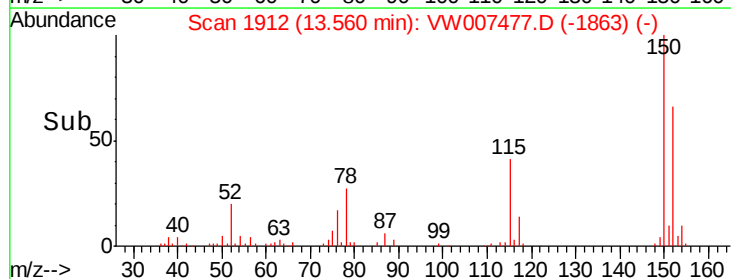
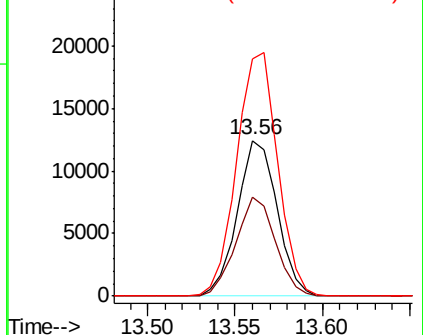
150 160.9 0.0 358.4

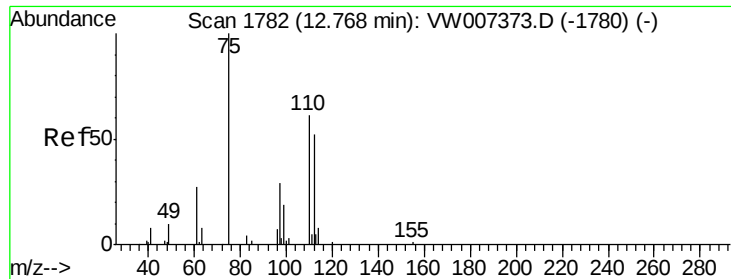


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 56.203 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

Instrument :

MSVOA_W

ClientSampleId :

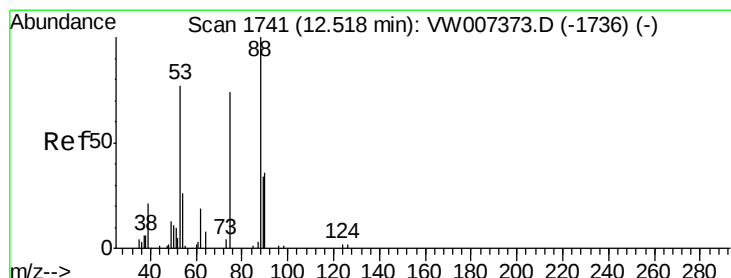
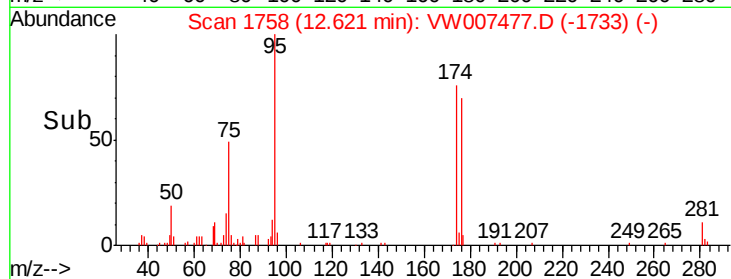
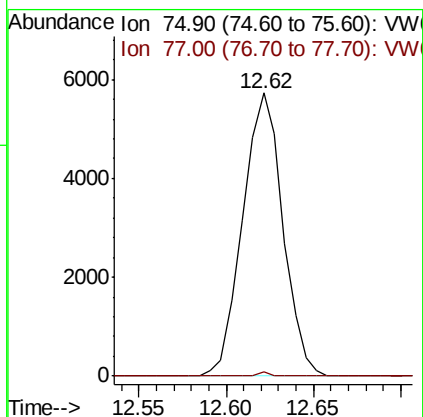
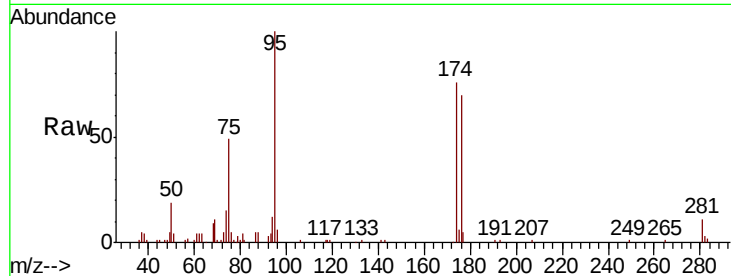
061_SW-N-1

Tot Ion: 75 Resp: 9138

Ion Ratio Lower Upper

75 100

77 0.3 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 124.153 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

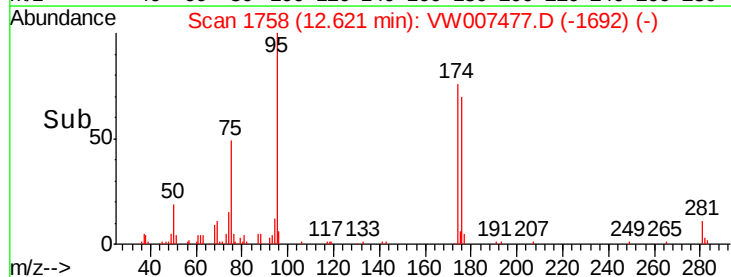
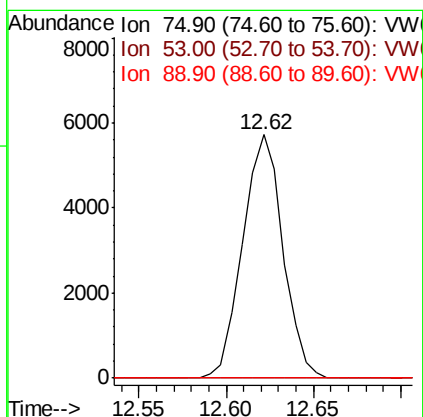
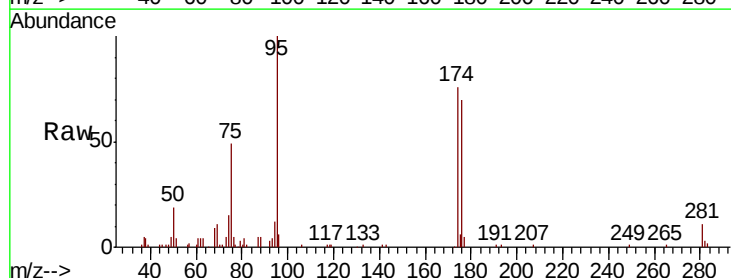
Tgt Ion: 75 Resp: 9138

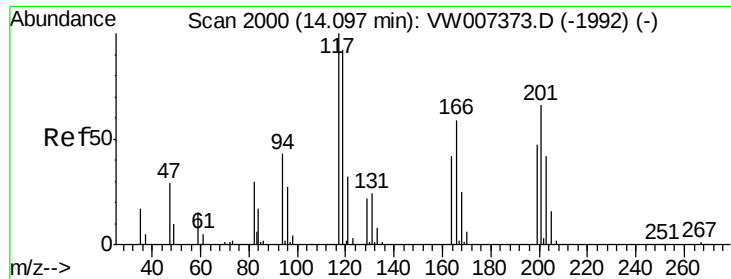
Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#





#90

Hexachloroethane

Concen: 1.057 ug/l

RT: 14.21 min Scan# 2019

Delta R.T. 0.12 min

Lab File: VW007477.D

Acq: 13 Dec 2018 10:25

Instrument :

MSVOA_W

ClientSampleId :

061_SW-N-1

Tot Ion:117 Resp: 258

Ion Ratio Lower Upper

117 100

201 0.0 35.3 105.9#

