

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007498.D
 Acq On : 13 Dec 2018 21:39
 Operator : SY/AP
 Sample : VW1213SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1216SBL02

Quant Time: Dec 14 04:28:16 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	87194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	132800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	64990	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	42345	43.77	ug/l	0.00
Spiked Amount			Recovery	=	87.54%	
35) Dibromofluoromethane	7.88	113	39437	44.12	ug/l	0.00
Spiked Amount			Recovery	=	88.24%	
50) Toluene-d8	10.32	98	144887	43.23	ug/l	0.00
Spiked Amount			Recovery	=	86.46%	
62) 4-Bromofluorobenzene	12.62	95	56371	45.75	ug/l	0.00
Spiked Amount			Recovery	=	91.50%	

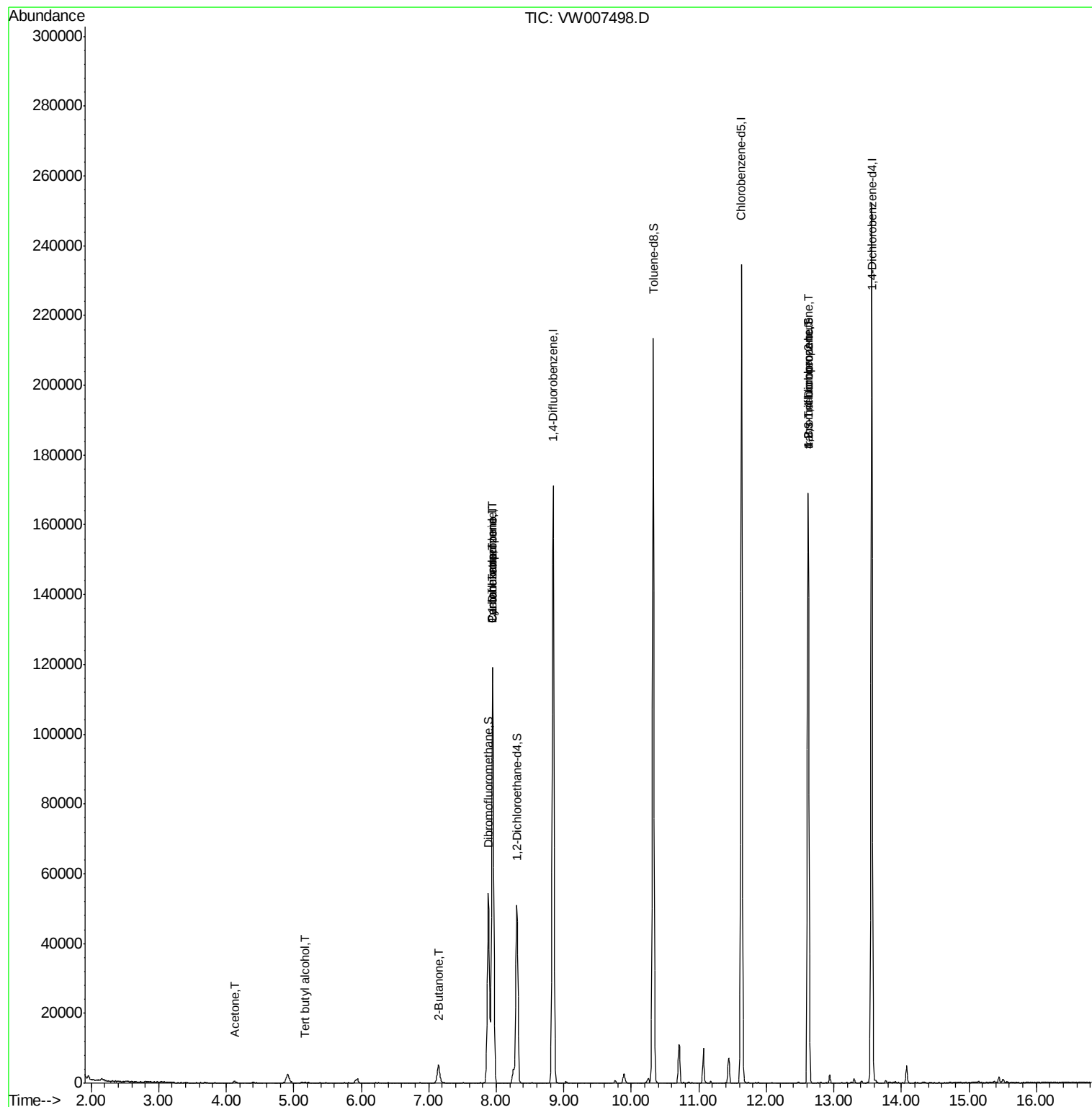
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	97	1.460	ug/l #	74
16) Acetone	4.12	43	977	5.782	ug/l	100
20) Methylene Chloride	4.91	84	2338	Below Cal	#	90
25) 2-Butanone	7.15	43	341	1.546	ug/l #	45
31) Cyclohexane	7.95	56	1778	1.183	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	6476	4.808	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9334	6.369	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	28462	53.115	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	28462	117.330	ug/l #	7

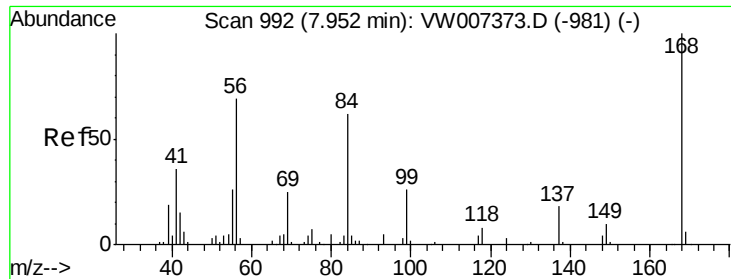
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW007498.D

Acq: 13 Dec 2018 21:39

Instrument :

MSVOA_W

ClientSampleId :

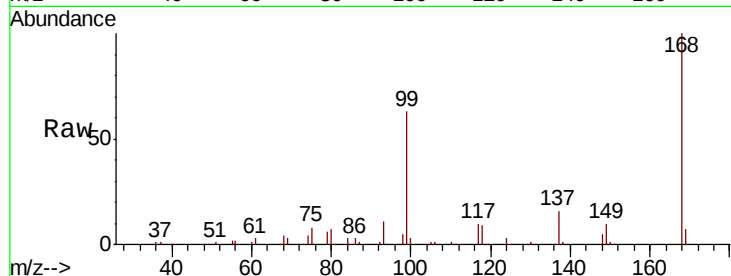
VW1216SBL02

Tot Ion:168 Resp: 87194

Ion Ratio Lower Upper

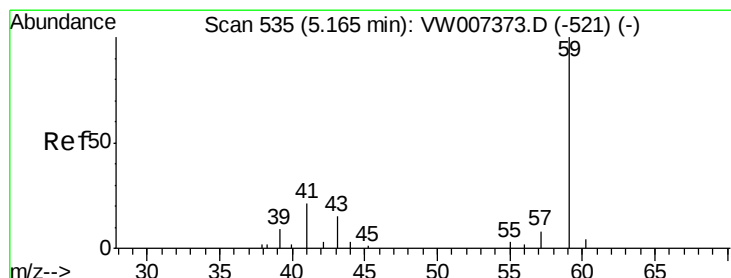
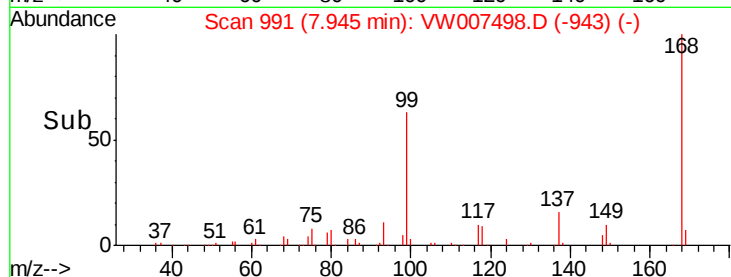
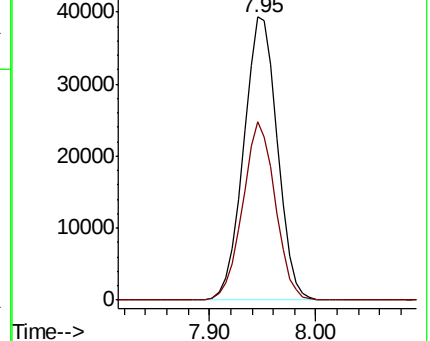
168 100

99 62.9 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: 1.460 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW007498.D

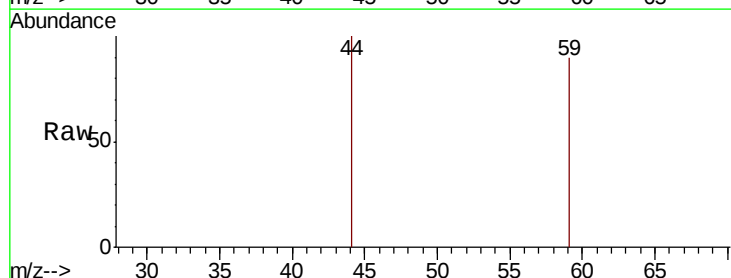
Acq: 13 Dec 2018 21:39

Tgt Ion: 59 Resp: 97

Ion Ratio Lower Upper

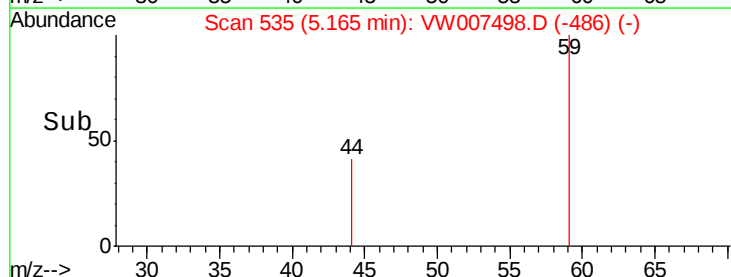
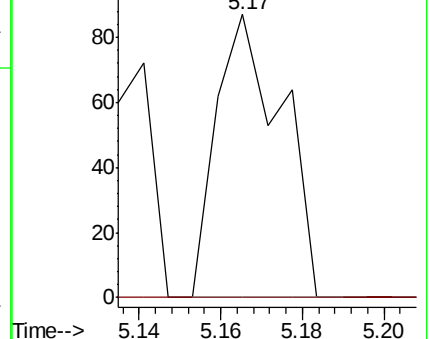
59 100

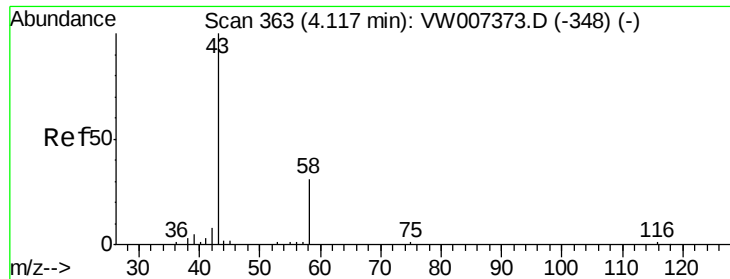
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 5.782 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007498.D

Acq: 13 Dec 2018 21:39

Instrument :

MSVOA_W

ClientSampleId :

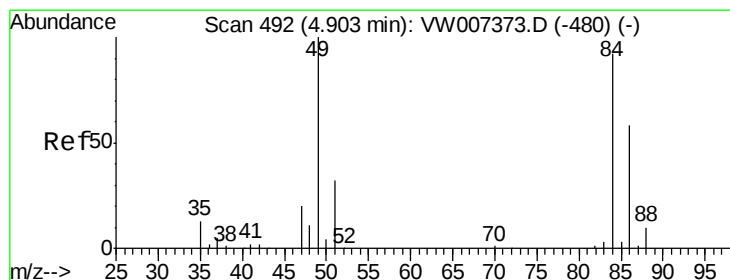
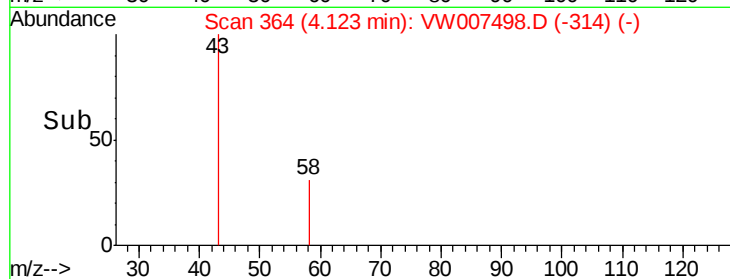
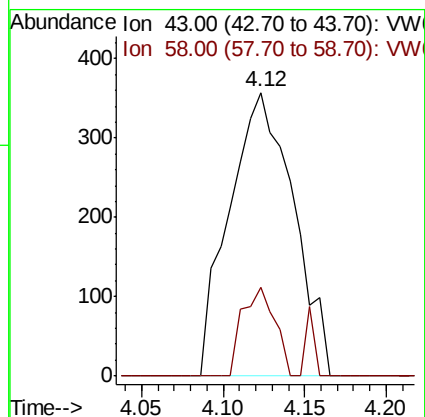
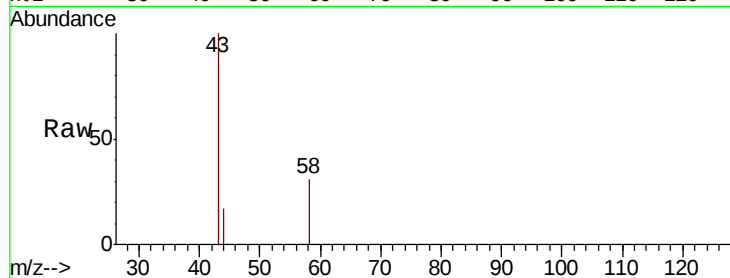
VW1216SBL02

Tot Ion: 43 Resp: 977

Ion Ratio Lower Upper

43 100

58 31.1 24.9 37.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007498.D

Acq: 13 Dec 2018 21:39

Tgt Ion: 84 Resp: 2338

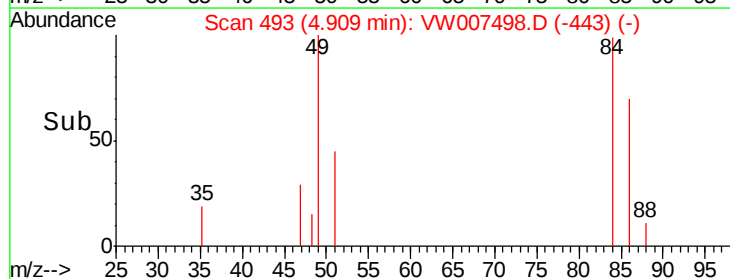
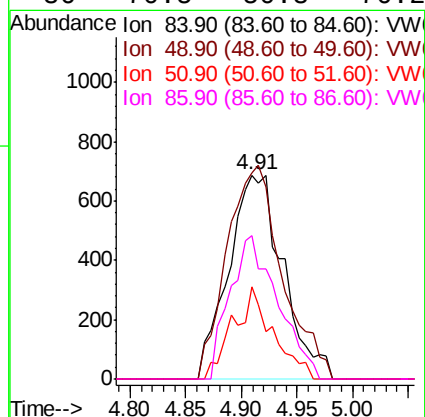
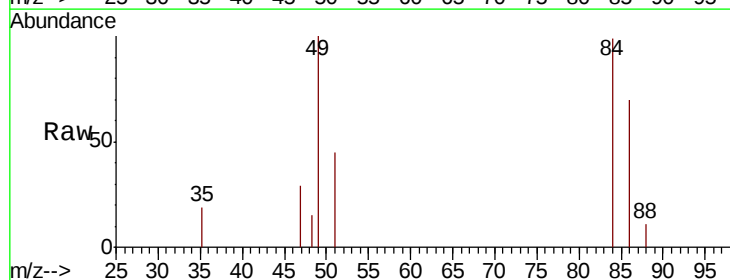
Ion Ratio Lower Upper

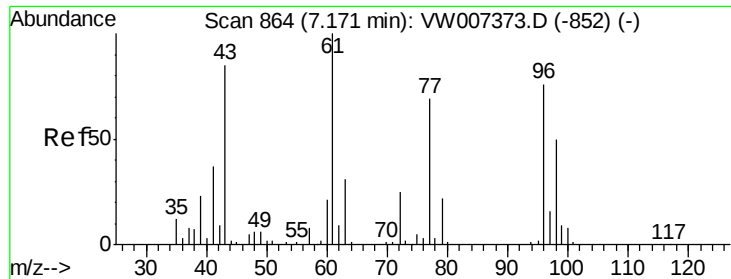
84 100

49 101.0 87.1 130.7

51 45.0 28.2 42.2#

86 70.5 50.8 76.2





#25

2-Butanone

Concen: 1.546 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007498.D

Acq: 13 Dec 2018 21:39

Instrument :

MSVOA_W

ClientSampleId :

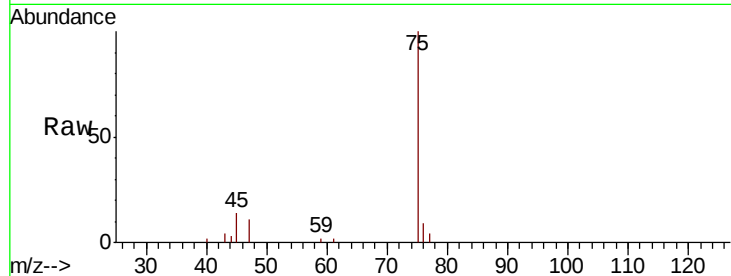
VW1216SBL02

Tot Ion: 43 Resp: 341

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

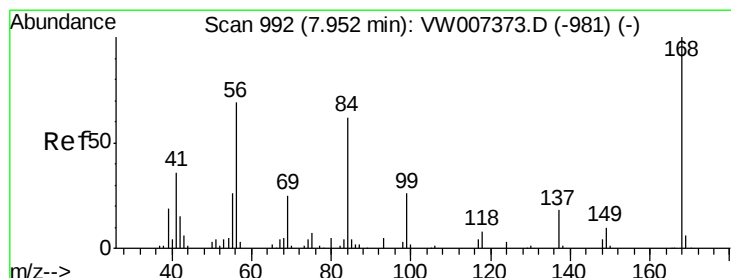
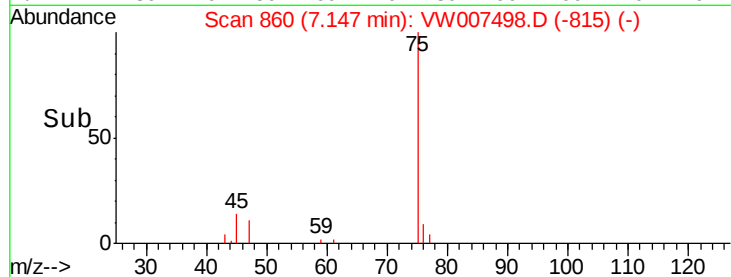
7.15

100

50

0

Time-->



#31

Cyclohexane

Concen: 1.183 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007498.D

Acq: 13 Dec 2018 21:39

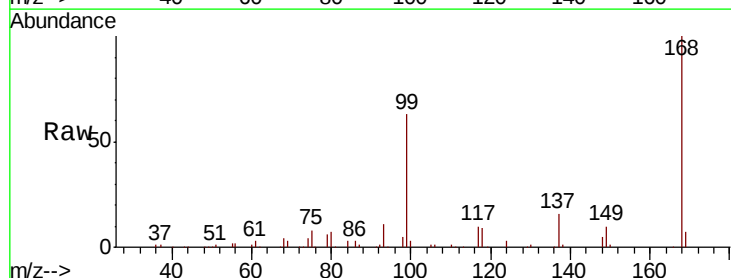
Tgt Ion: 56 Resp: 1778

Ion Ratio Lower Upper

56 100

69 152.4 28.9 43.3#

84 136.6 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

2000

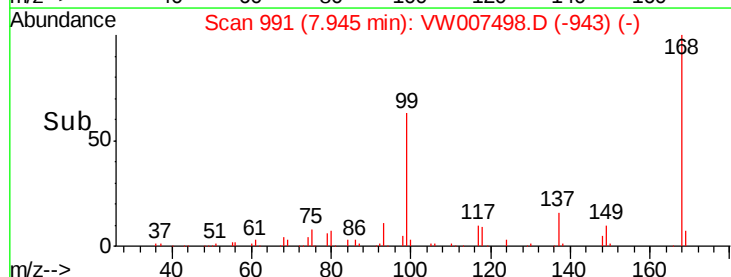
1500

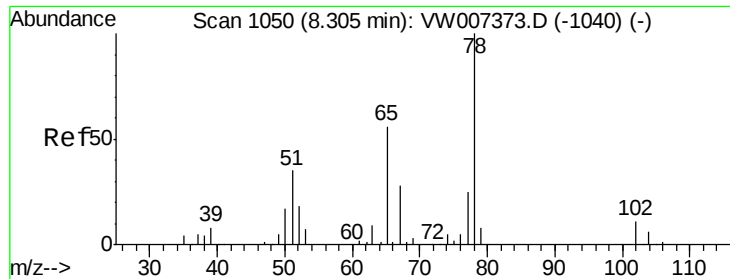
1000

500

0

Time-->

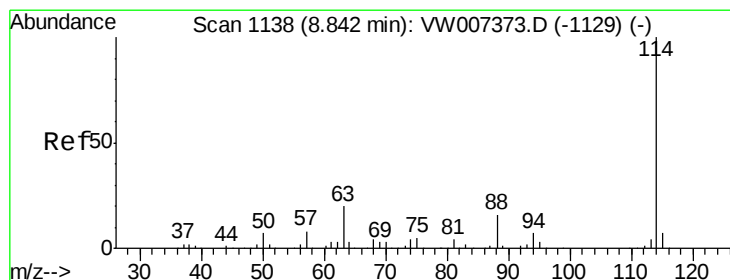
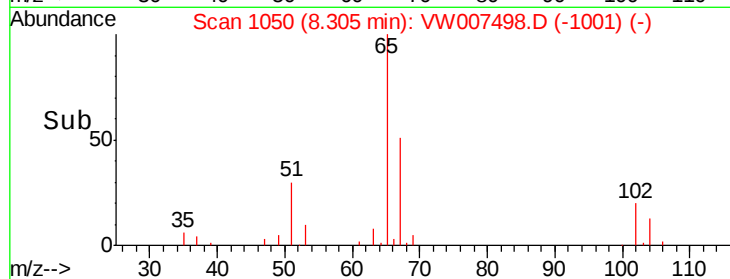
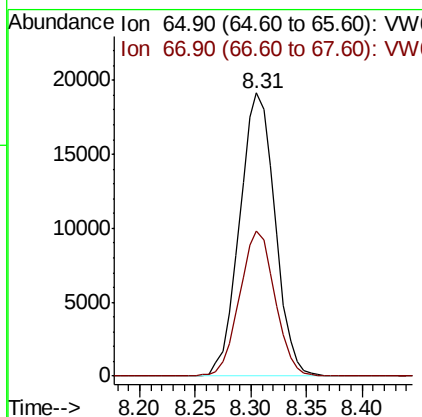
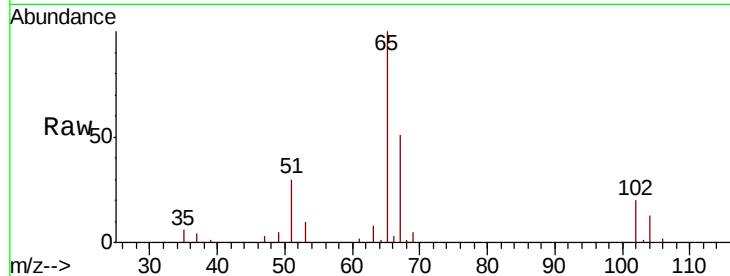




#33
 1,2-Dichloroethane-d4
 Concen: 43.774 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007498.D
 Acq: 13 Dec 2018 21:39

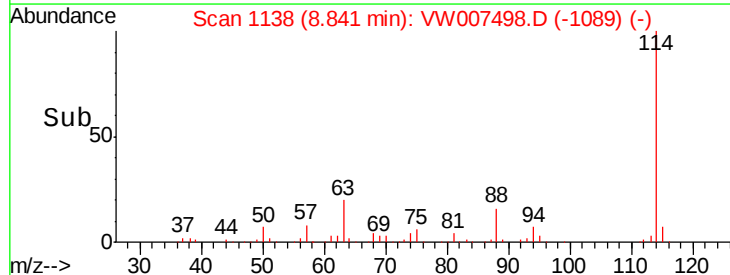
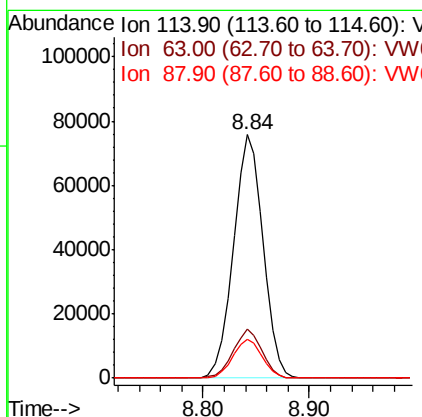
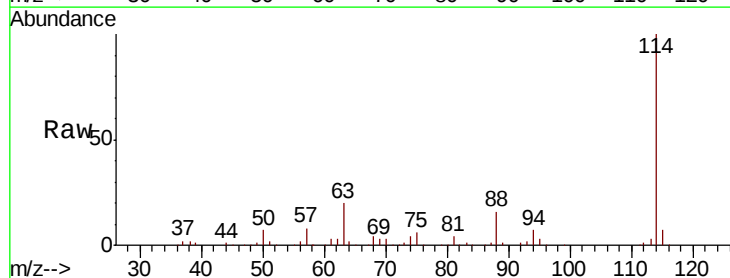
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1216SBL02

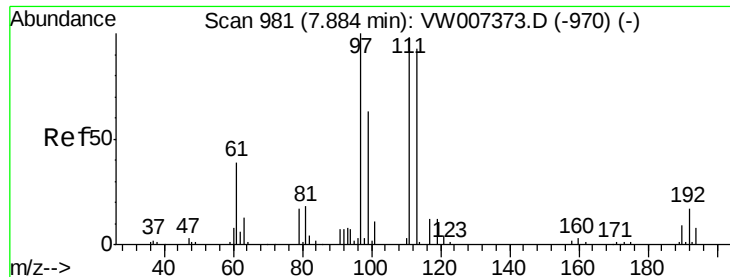
Tot Ion: 65 Resp: 42345
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007498.D
 Acq: 13 Dec 2018 21:39

Tgt Ion: 114 Resp: 147659
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.8 0.0 31.4

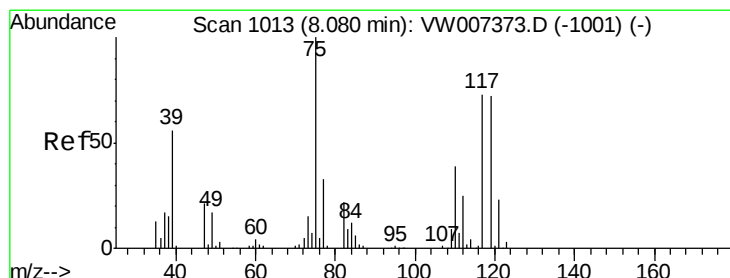
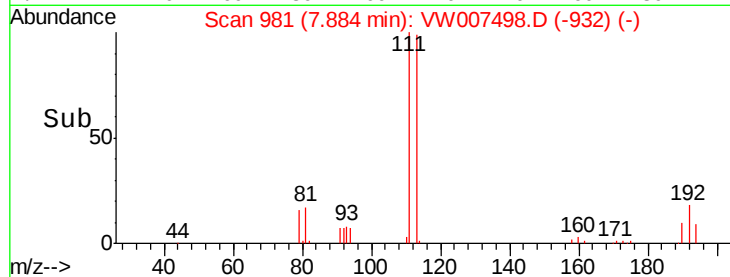
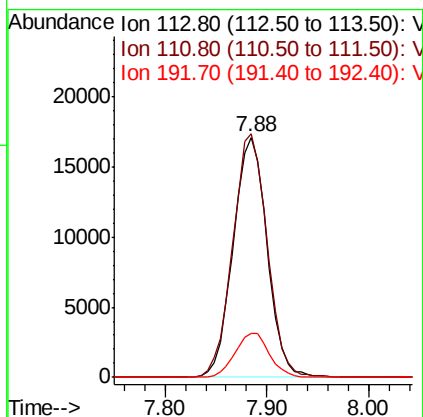
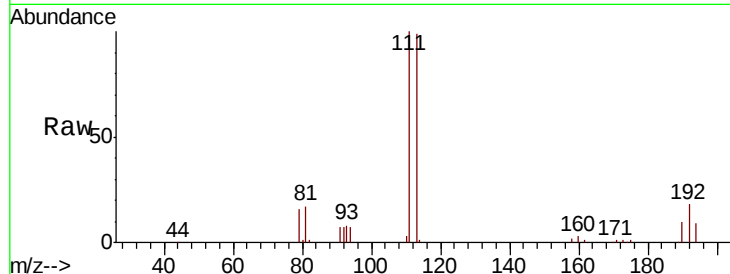




#35
 Dibromofluoromethane
 Concen: 44.121 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007498.D
 Acq: 13 Dec 2018 21:39

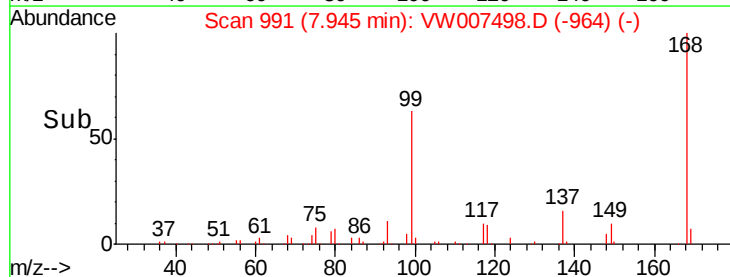
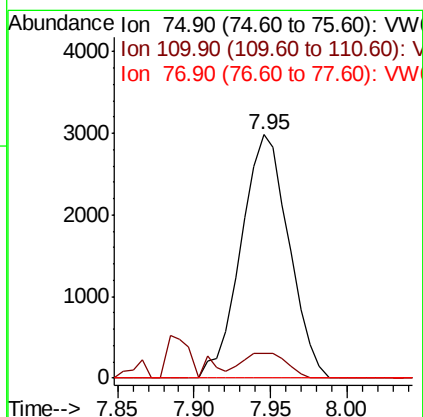
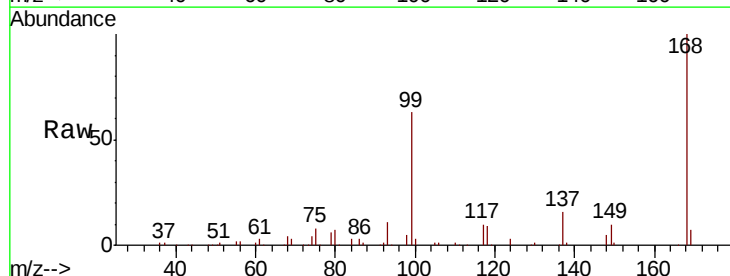
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1216SBL02

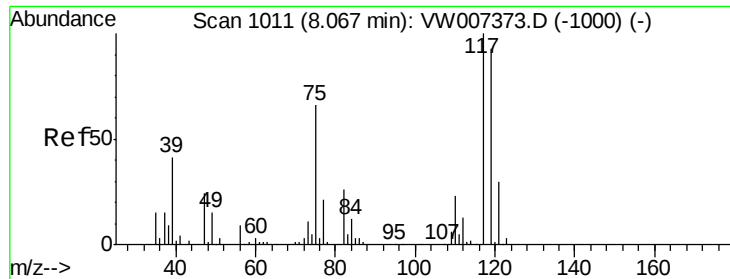
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.1	121.7
192	18.4	14.6	21.8



#36
 1,1-Dichloropropene
 Concen: 4.808 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007498.D
 Acq: 13 Dec 2018 21:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.5	55.5#
77	0.0	25.6	38.4#

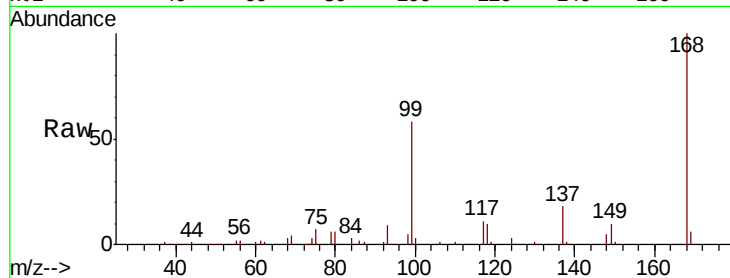




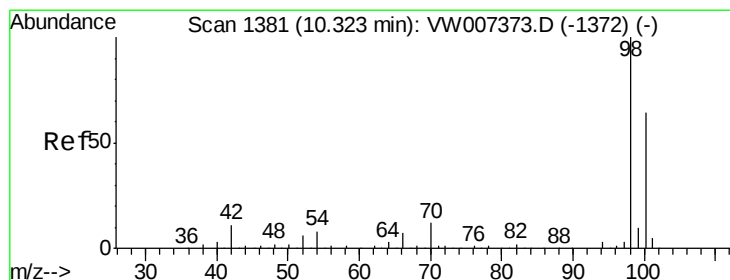
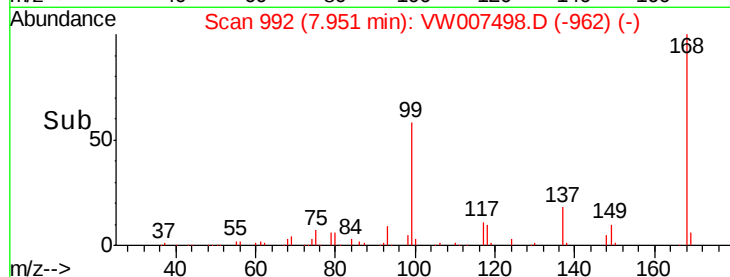
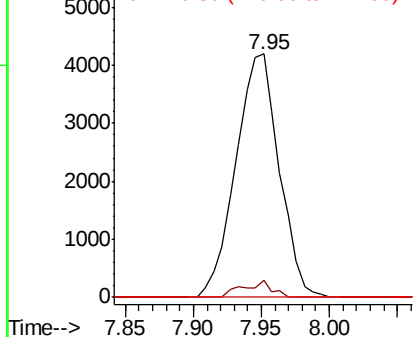
#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007498.D
Acq: 13 Dec 2018 21:39

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBL02

Tot Ion:117 Resp: 9334
Ion Ratio Lower Upper
117 100
119 6.8 74.3 111.5#
121 0.0 24.3 36.5#

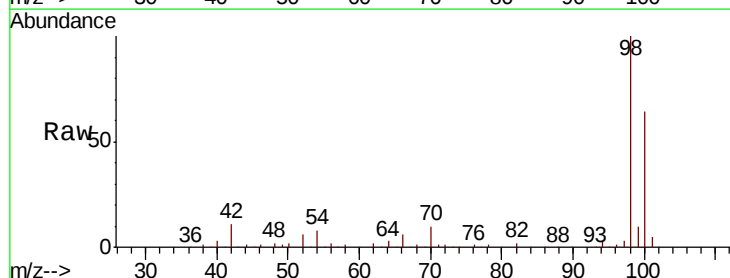


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

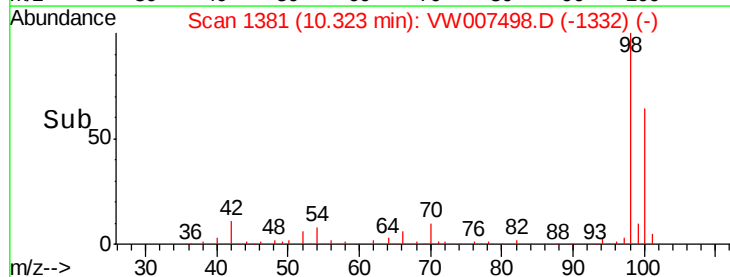
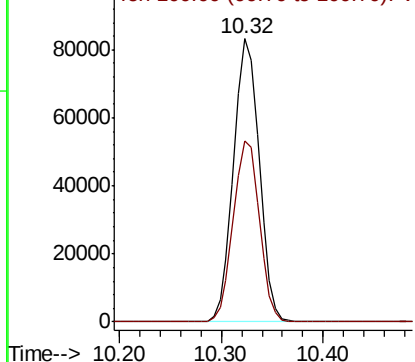


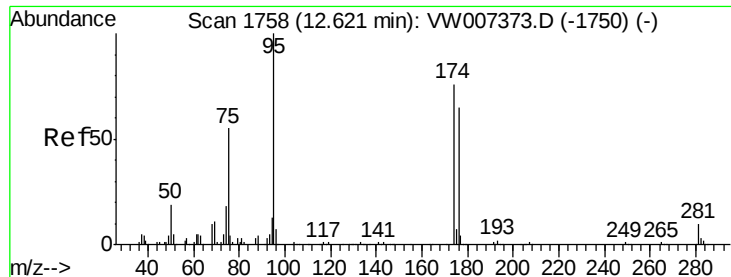
#50
Toluene-d8
Concen: 43.232 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007498.D
Acq: 13 Dec 2018 21:39

Tgt Ion: 98 Resp: 144887
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): VW

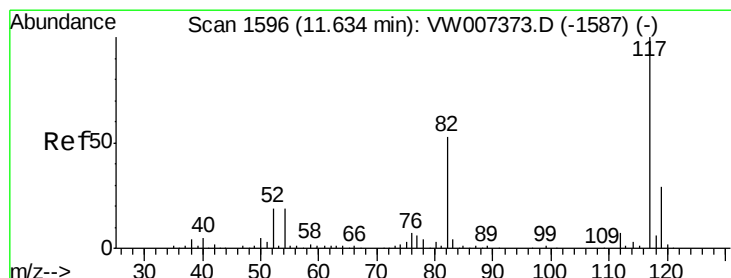
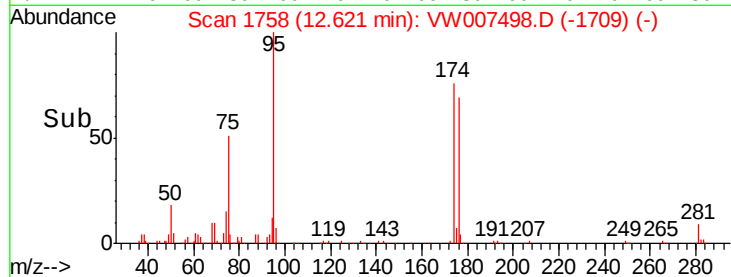
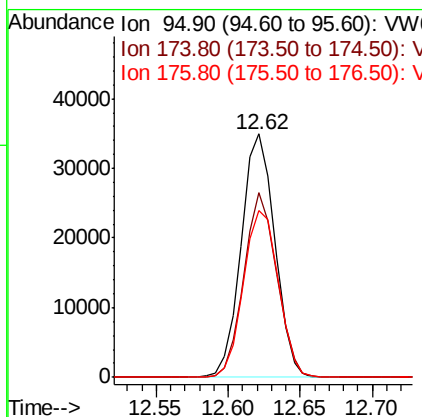
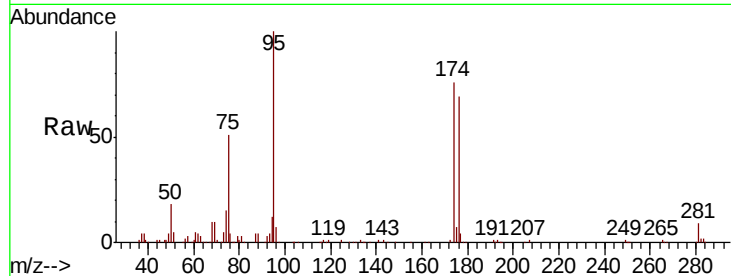




#62
4-Bromofluorobenzene
Concen: 45.747 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007498.D
Acq: 13 Dec 2018 21:39

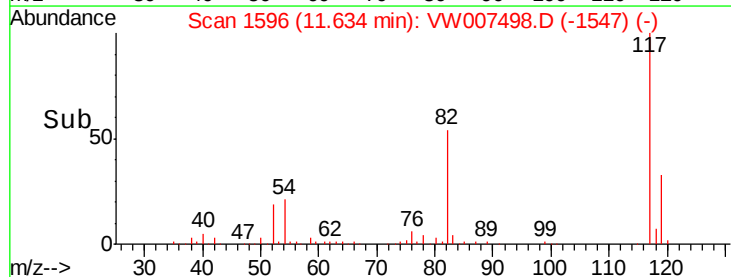
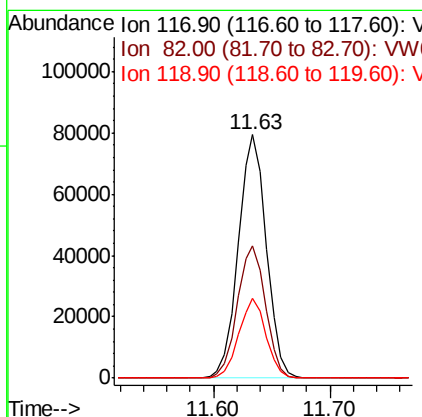
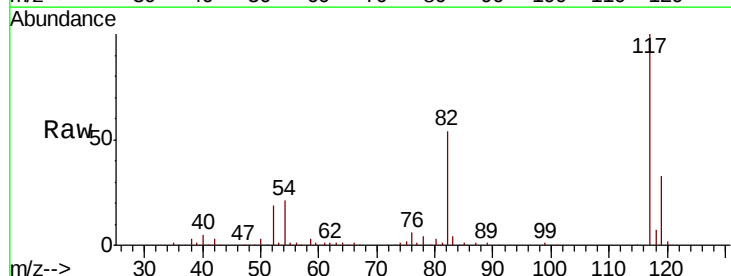
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBL02

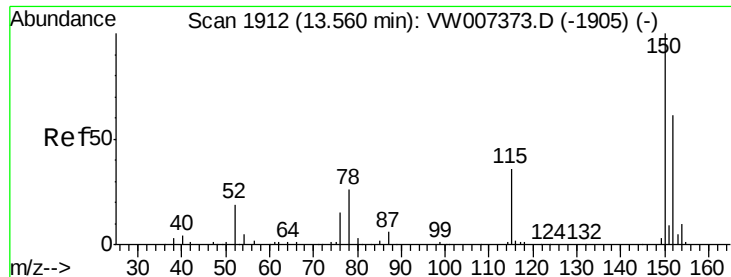
Tot Ion: 95 Resp: 56371
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.2
176 71.4 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007498.D
Acq: 13 Dec 2018 21:39

Tgt Ion: 117 Resp: 132800
Ion Ratio Lower Upper
117 100
82 54.4 42.3 63.5
119 33.0 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: VW007498.D

Acq: 13 Dec 2018 21:39

Instrument :

MSVOA_W

ClientSampleId :

VW1216SBL02

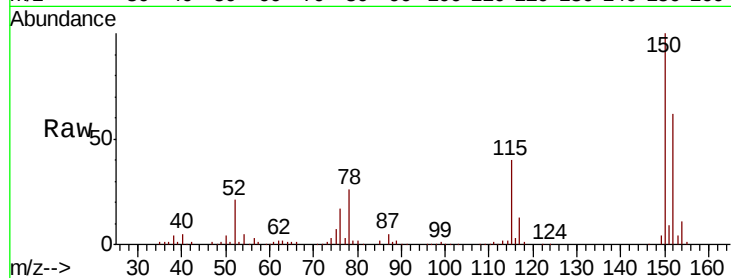
Tot Ion:152 Resp: 64990

Ion Ratio Lower Upper

152 100

115 63.2 31.4 94.2

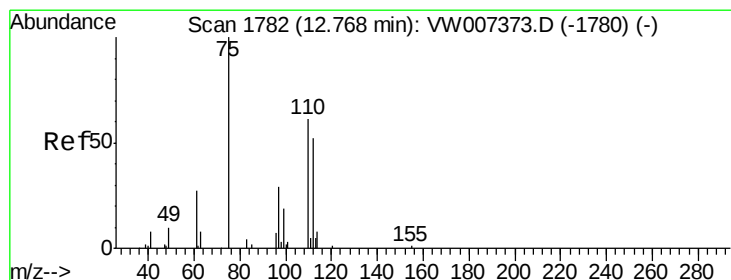
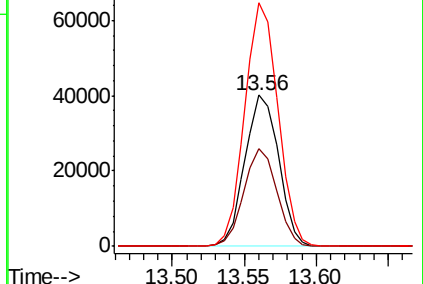
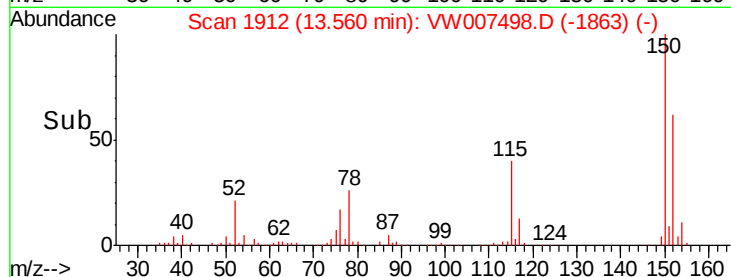
150 158.6 0.0 358.4



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: 53.115 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007498.D

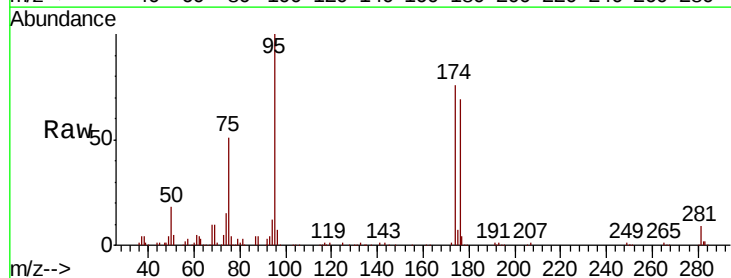
Acq: 13 Dec 2018 21:39

Tgt Ion: 75 Resp: 28462

Ion Ratio Lower Upper

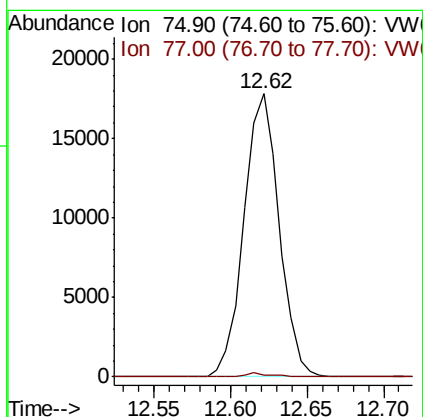
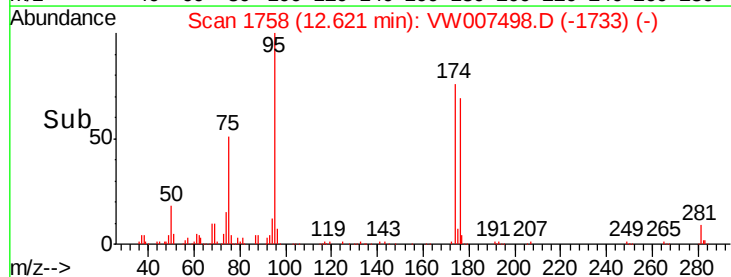
75 100

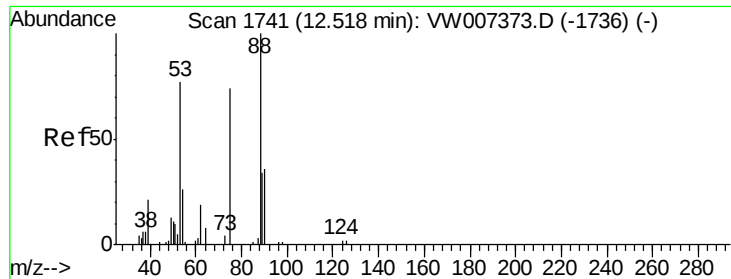
77 1.1 166.9 500.8#



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: 117.330 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007498.D
 Acq: 13 Dec 2018 21:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1216SBL02

Tot Ion: 75 Resp: 28462
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

