

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007508.D
 Acq On : 14 Dec 2018 01:59
 Operator : SY/AP
 Sample : J6373-05RE
 Misc : 5.47G/5ML/MSVOA W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-T1

Quant Time: Dec 14 04:31:18 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	69088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	118555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	99542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	40429	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	32962	43.00	ug/l	0.00
Spiked Amount			Recovery	=	86.00%	
35) Dibromofluoromethane	7.88	113	30280	42.19	ug/l	0.00
Spiked Amount			Recovery	=	84.38%	
50) Toluene-d8	10.32	98	103605	38.50	ug/l	0.00
Spiked Amount			Recovery	=	77.00%	
62) 4-Bromofluorobenzene	12.62	95	37075	37.47	ug/l	0.00
Spiked Amount			Recovery	=	74.94%	

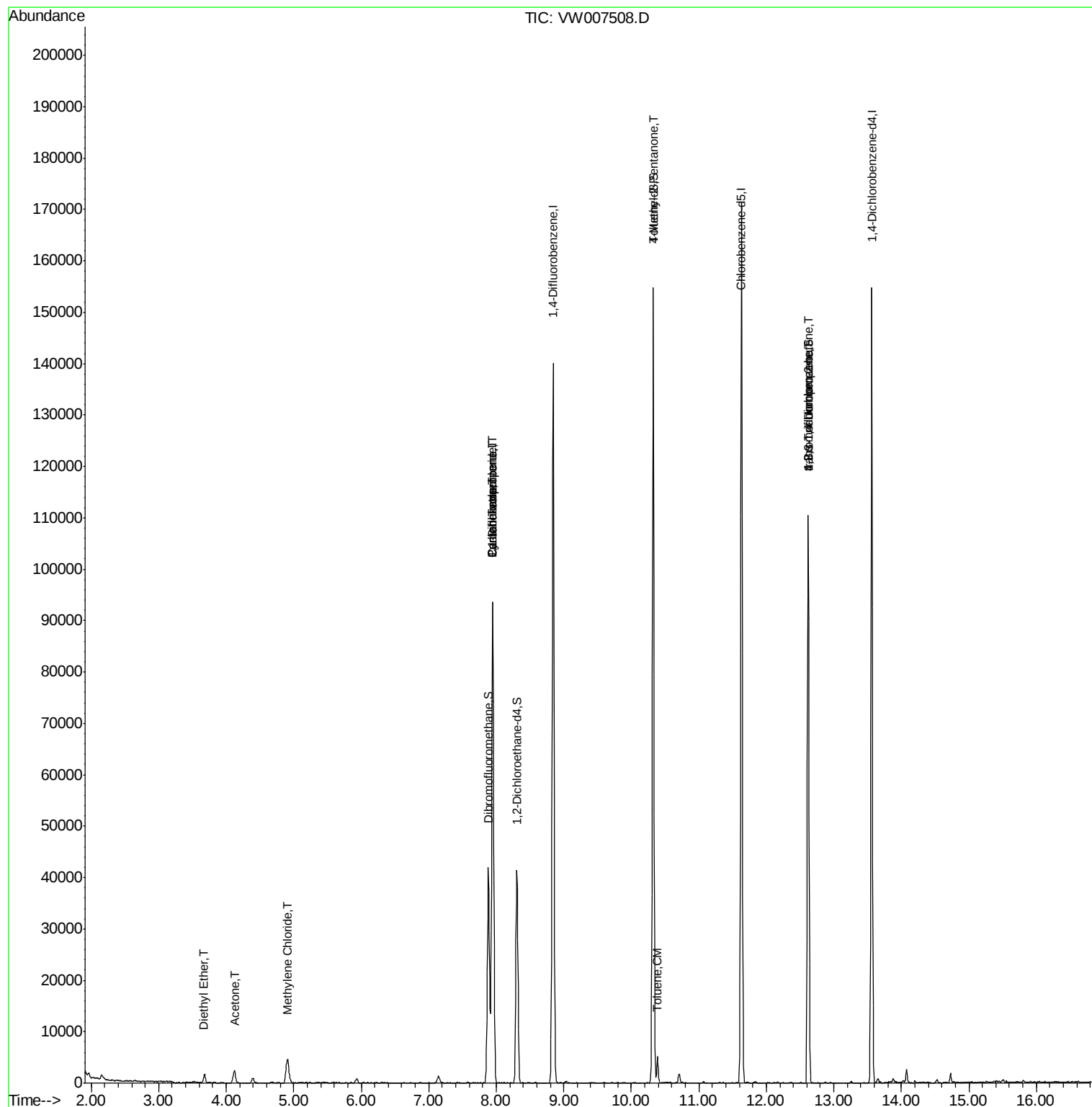
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	901	2.698	ug/l	96
16) Acetone	4.12	43	4030	30.101	ug/l	99
20) Methylene Chloride	4.90	84	3864	1.476	ug/l #	95
31) Cyclohexane	7.95	56	1415	1.188	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	5319	4.918	ug/l #	48
38) Carbon Tetrachloride	7.95	117	7351	6.247	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	485	1.292	ug/l #	1
52) Toluene	10.39	92	2423	1.247	ug/l	94
76) 1,2,3-Trichloropropane	12.62	75	18868	56.601	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	18868	125.033	ug/l #	7

(#) = 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# 992

Delta R.T. -0.00 min

Lab File: VW007508.D

Acq: 14 Dec 2018 01:59

Instrument :

MSVOA_W

ClientSampled :

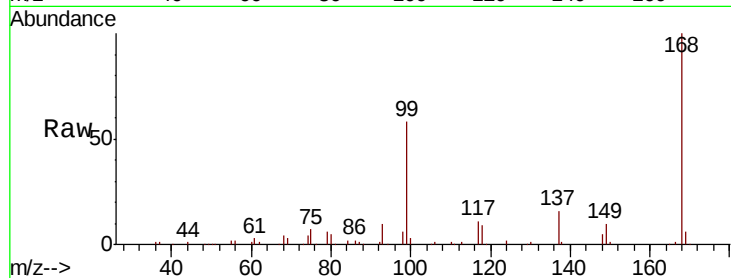
TP-T1

Tot Ion:168 Resp: 69088

Ion Ratio Lower Upper

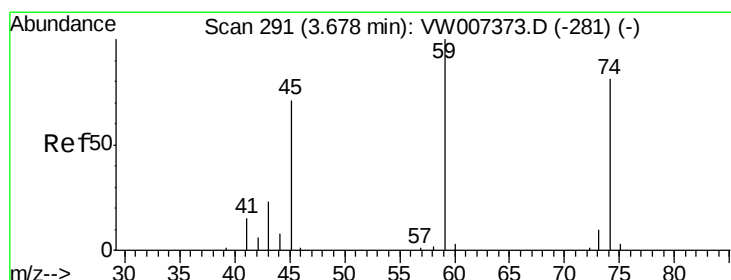
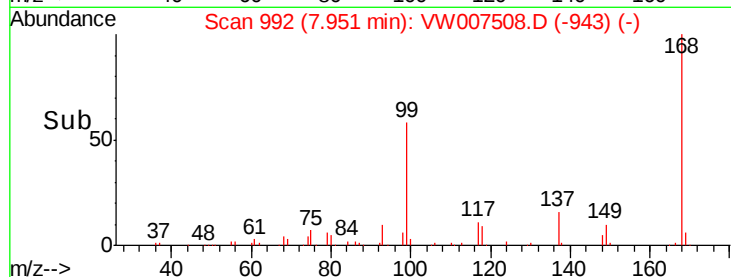
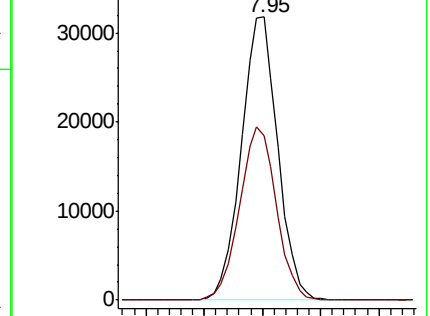
168 100

99 58.1 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 2.698 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW007508.D

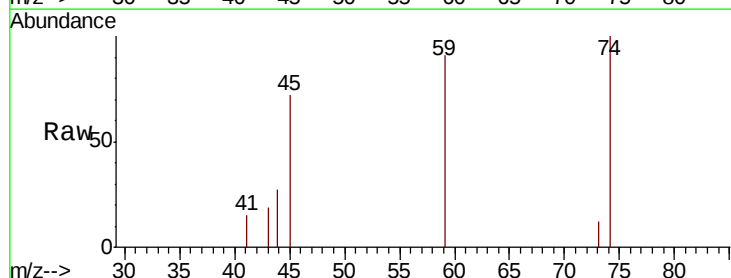
Acq: 14 Dec 2018 01:59

Tgt Ion: 74 Resp: 901

Ion Ratio Lower Upper

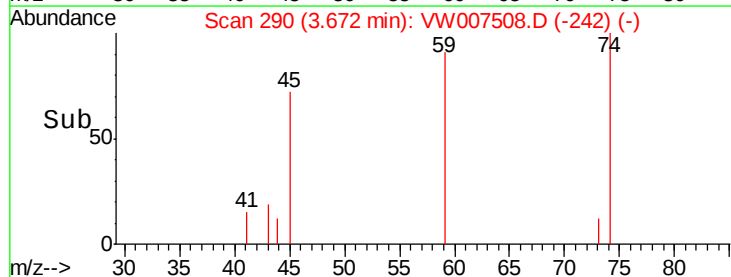
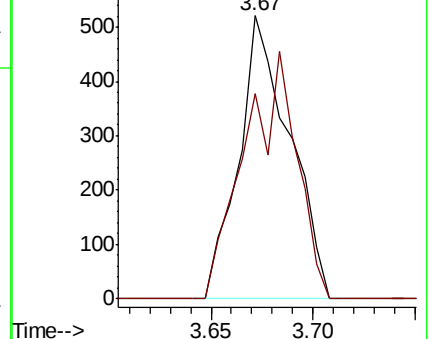
74 100

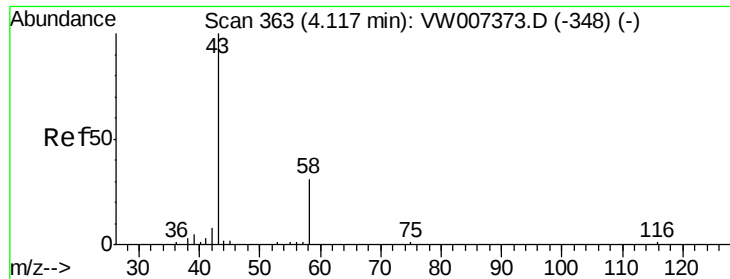
45 89.6 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 30.101 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007508.D

Acq: 14 Dec 2018 01:59

Instrument :

MSVOA_W

ClientSampleId :

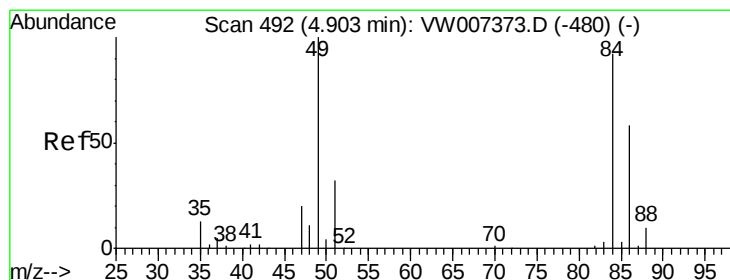
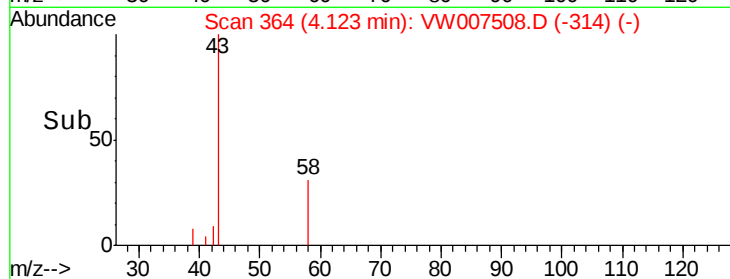
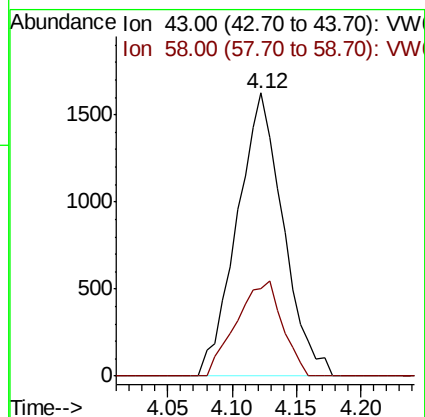
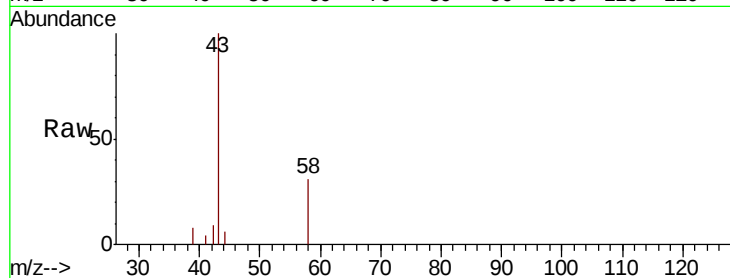
TP-T1

Tot Ion: 43 Resp: 4030

Ion Ratio Lower Upper

43 100

58 30.7 24.9 37.3



#20

Methylene Chloride

Concen: 1.476 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007508.D

Acq: 14 Dec 2018 01:59

Tgt Ion: 84 Resp: 3864

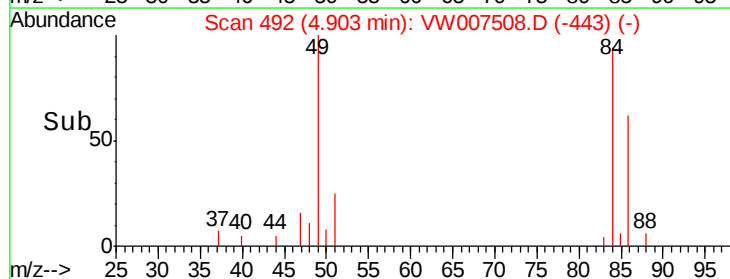
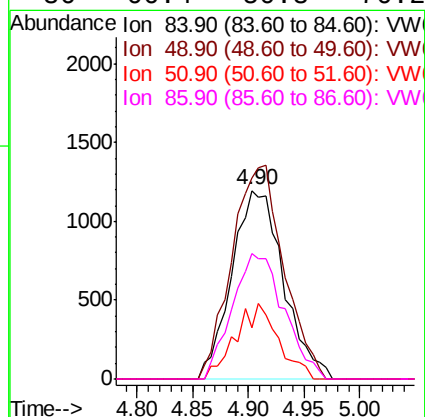
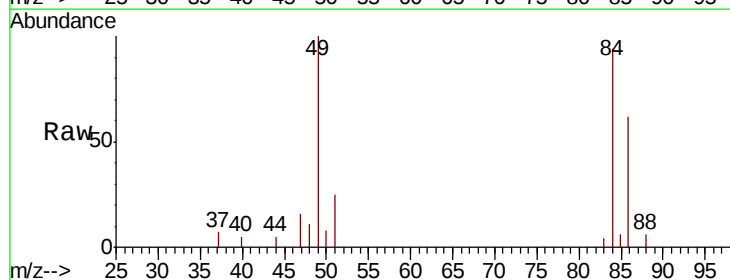
Ion Ratio Lower Upper

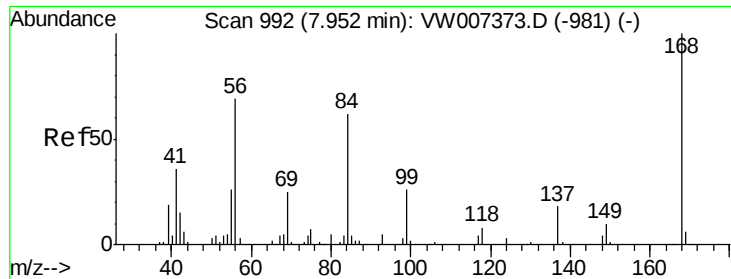
84 100

49 106.5 87.1 130.7

51 27.1 28.2 42.2#

86 66.4 50.8 76.2

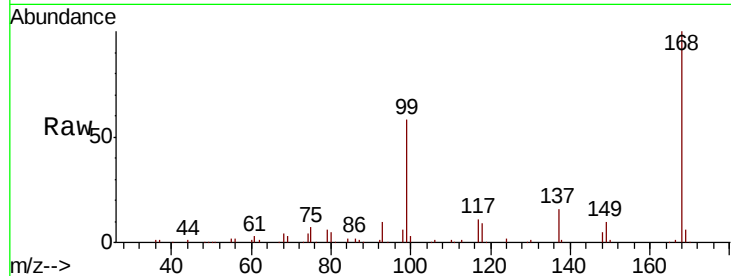




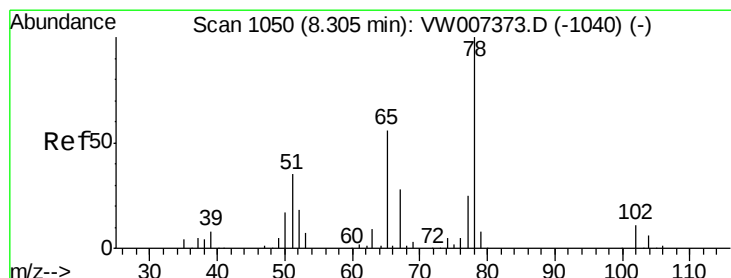
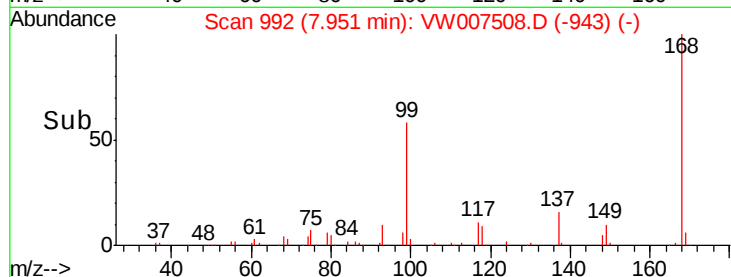
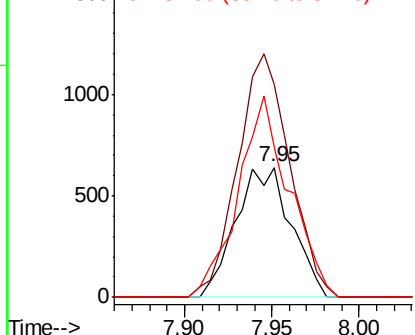
#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007508.D
Acq: 14 Dec 2018 01:59

Instrument :
MSVOA_W
ClientSampled :
TP-T1

Tot Ion: 56 Resp: 1415
Ion Ratio Lower Upper
56 100
69 163.7 28.9 43.3#
84 115.4 71.8 107.6#

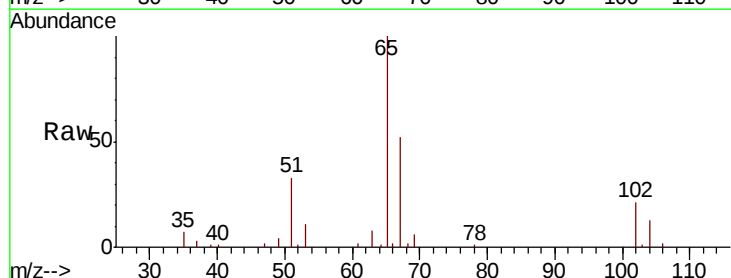


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

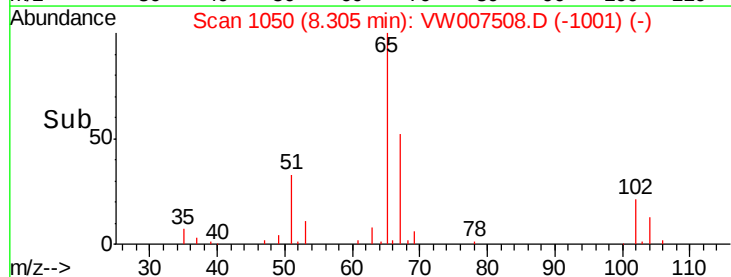
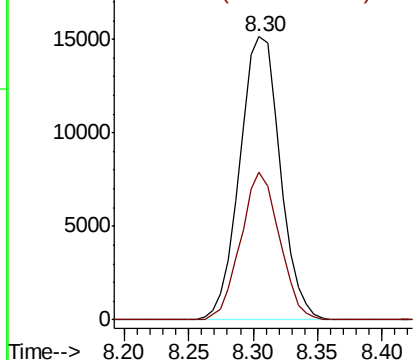


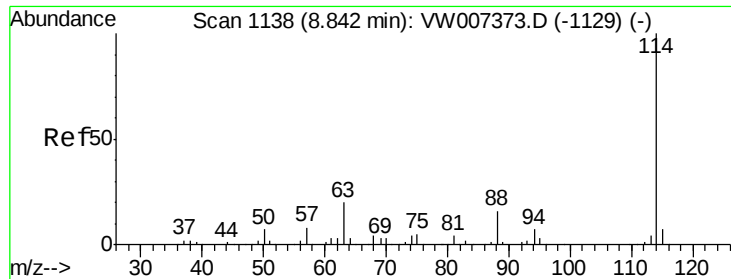
#33
1,2-Dichloroethane-d4
Concen: 43.005 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007508.D
Acq: 14 Dec 2018 01:59

Tgt Ion: 65 Resp: 32962
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.6



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

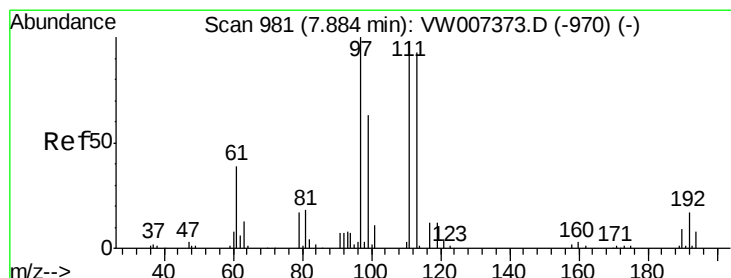
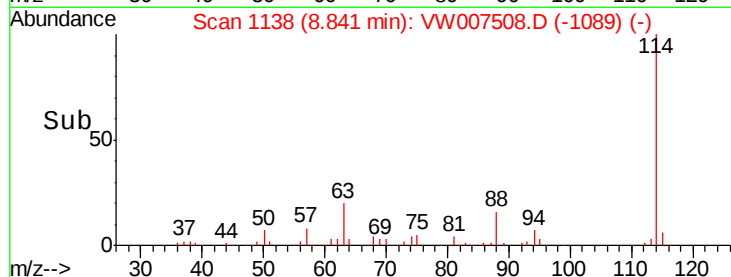
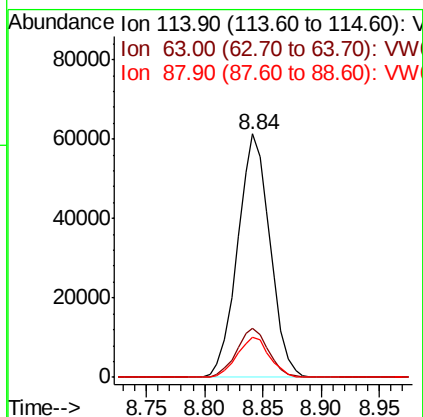
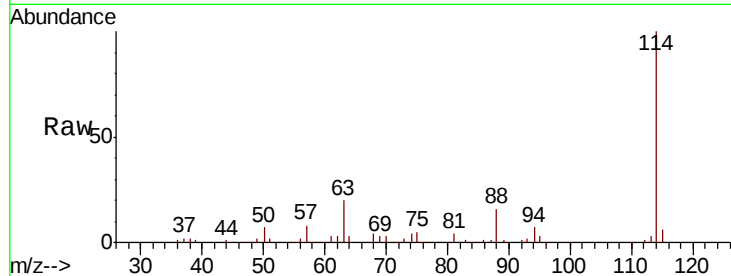




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007508.D
 Acq: 14 Dec 2018 01:59

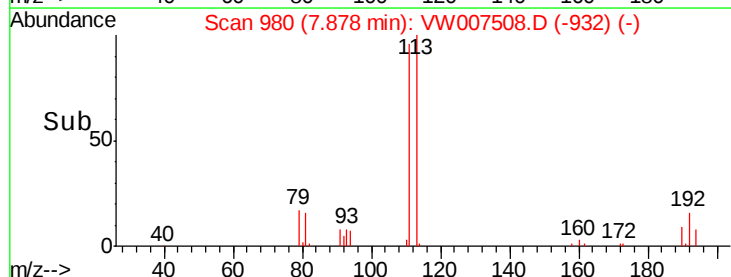
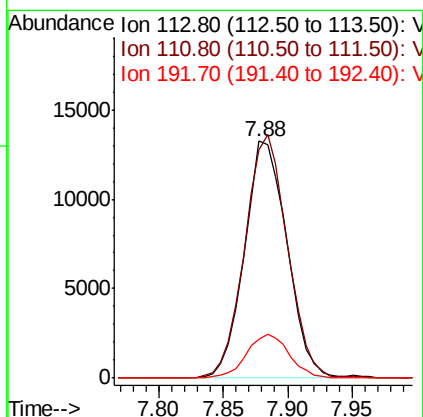
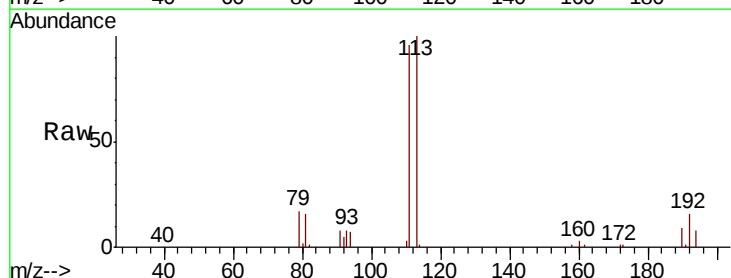
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-T1

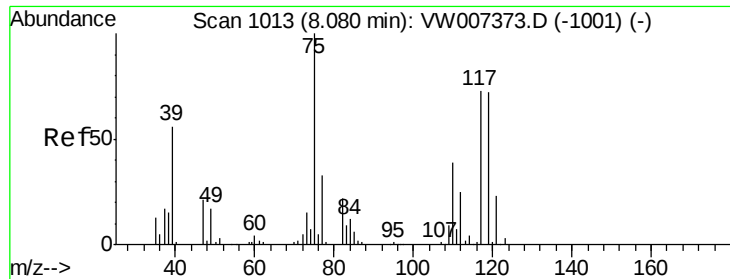
Tot Ion:114 Resp: 118555
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 16.3 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 42.193 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007508.D
 Acq: 14 Dec 2018 01:59

Tgt Ion:113 Resp: 30280
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 18.6 14.6 21.8

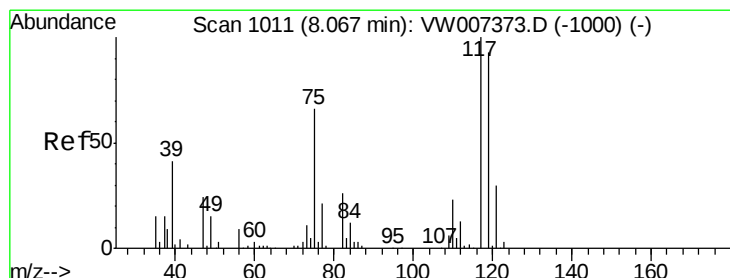
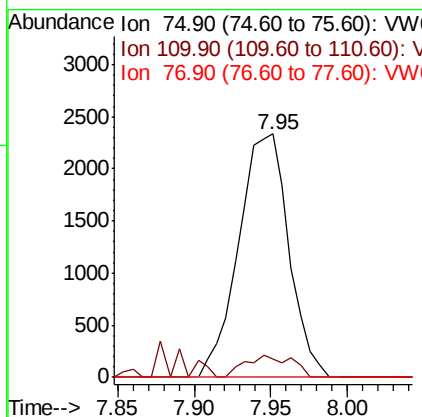
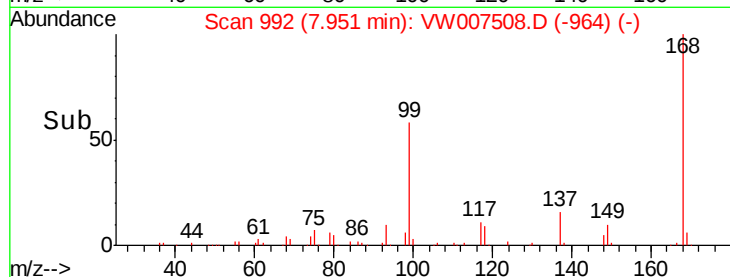
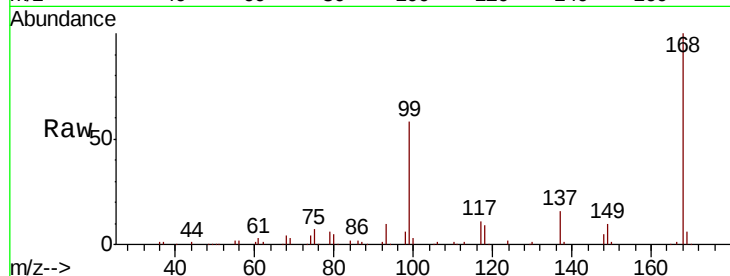




#36
 1,1-Dichloropropene
 Concen: 4.918 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007508.D
 Acq: 14 Dec 2018 01:59

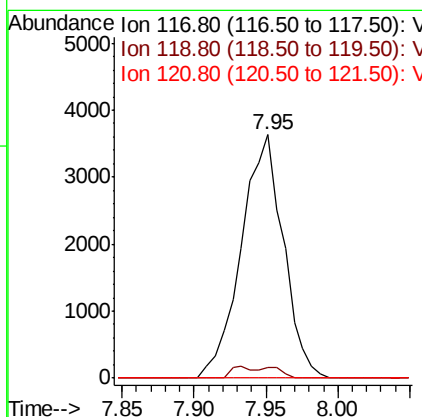
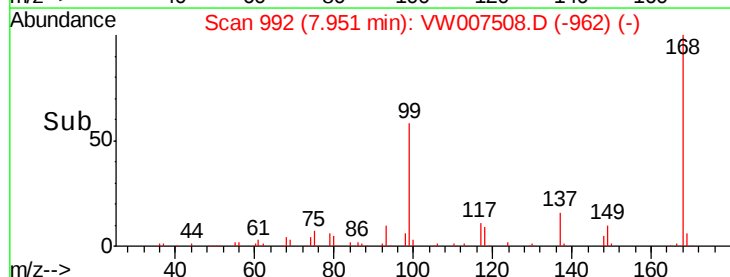
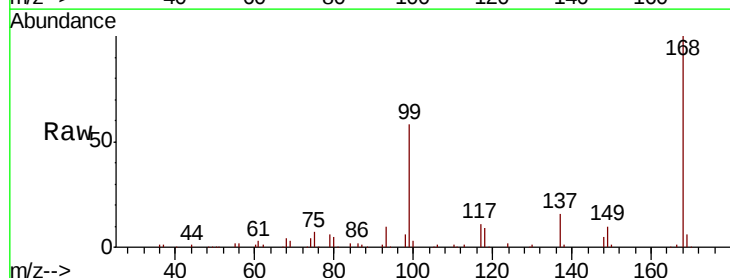
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-T1

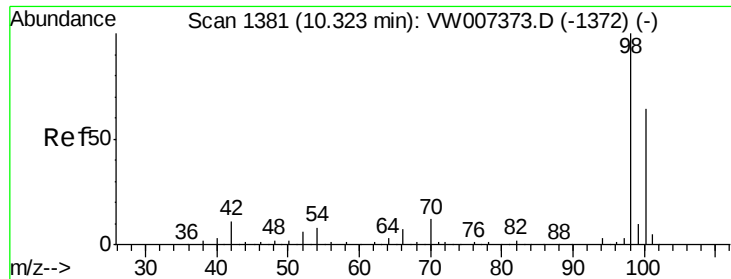
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.247 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007508.D
 Acq: 14 Dec 2018 01:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 38.503 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007508.D

Acq: 14 Dec 2018 01:59

Instrument :

MSVOA_W

ClientSampleId :

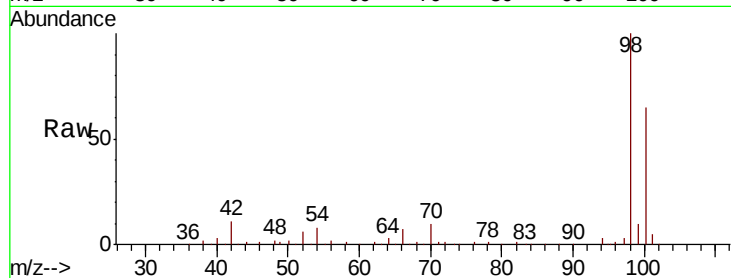
TP-T1

Tot Ion: 98 Resp: 103605

Ion Ratio Lower Upper

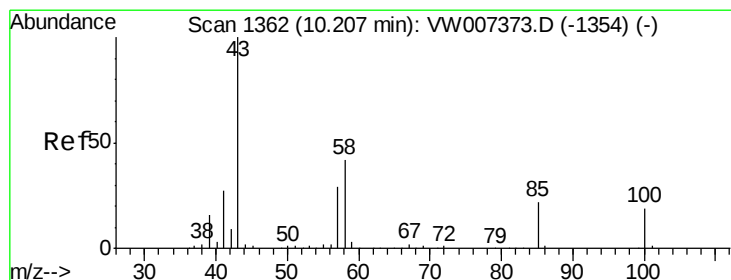
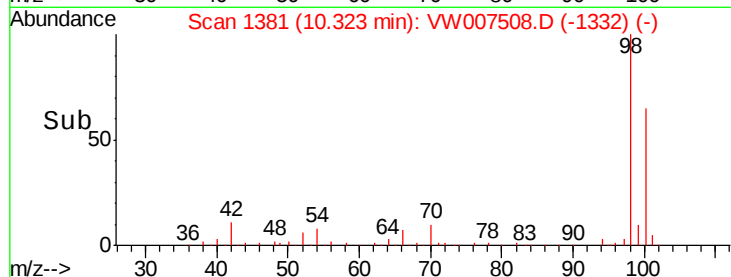
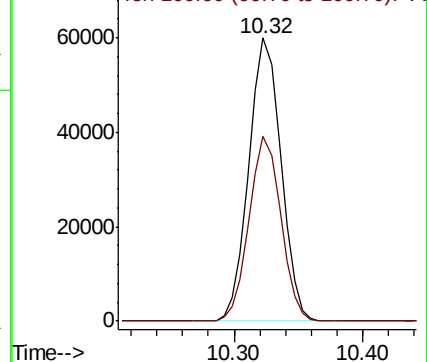
98 100

100 64.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.292 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW007508.D

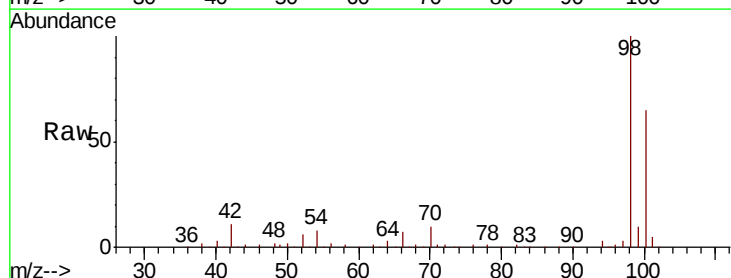
Acq: 14 Dec 2018 01:59

Tgt Ion: 43 Resp: 485

Ion Ratio Lower Upper

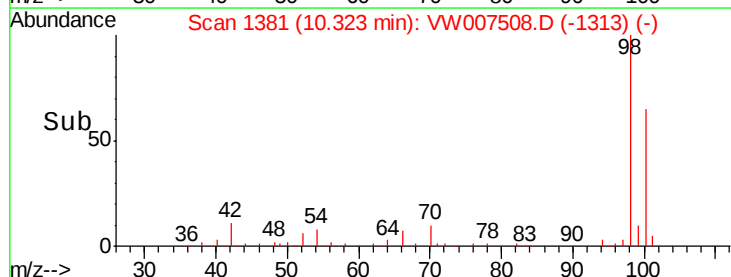
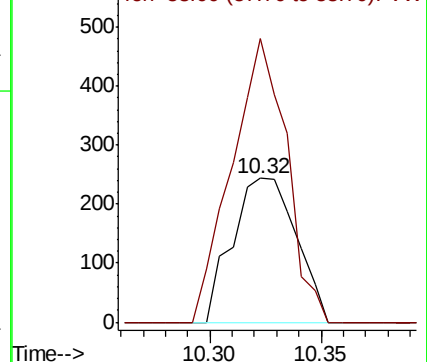
43 100

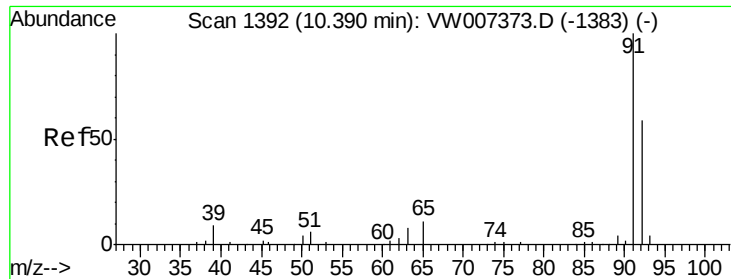
58 169.9 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 1.247 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007508.D

Acq: 14 Dec 2018 01:59

Instrument :

MSVOA_W

ClientSampled :

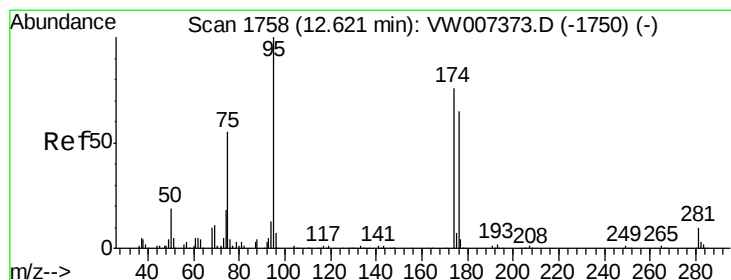
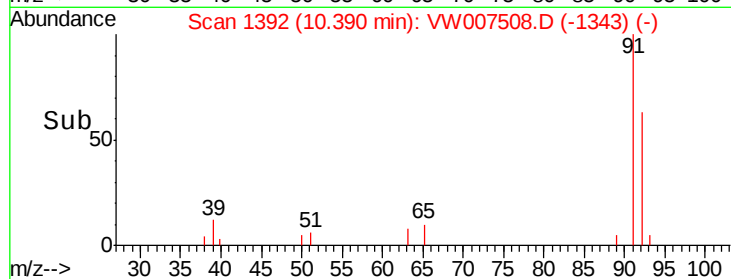
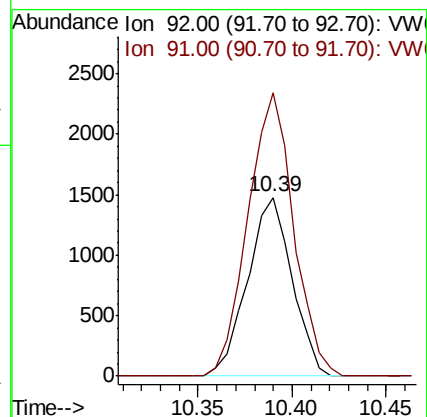
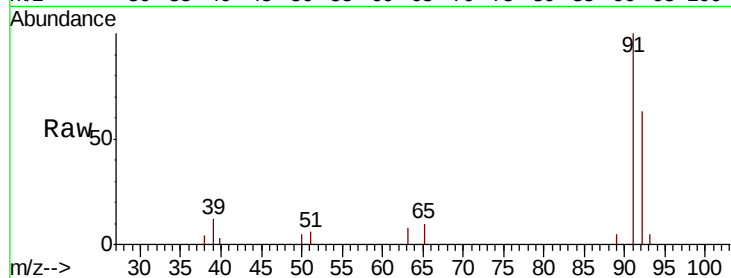
TP-T1

Tot Ion: 92 Resp: 2423

Ion Ratio Lower Upper

92 100

91 162.6 136.2 204.2



#62

4-Bromofluorobenzene

Concen: 37.474 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007508.D

Acq: 14 Dec 2018 01:59

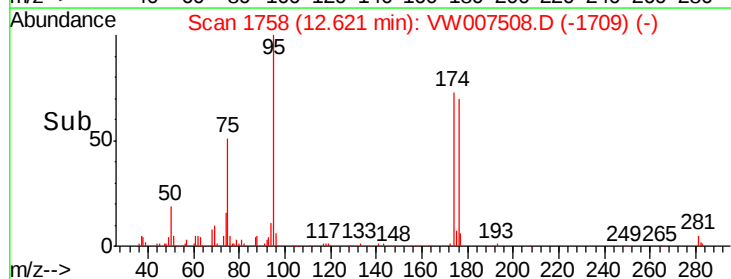
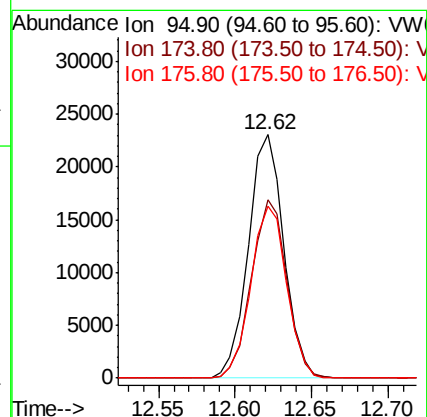
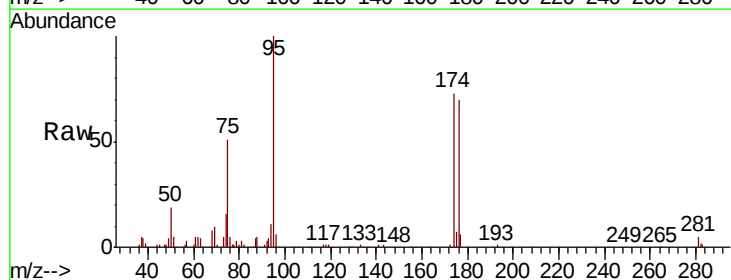
Tgt Ion: 95 Resp: 37075

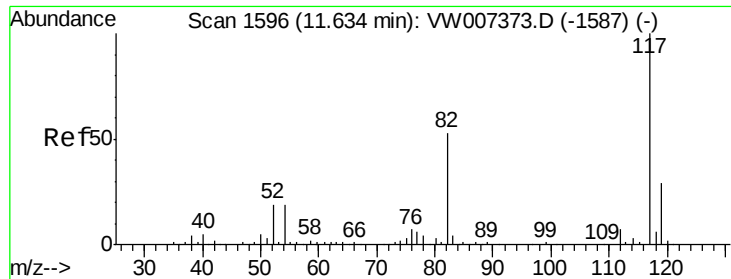
Ion Ratio Lower Upper

95 100

174 73.4 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: VW007508.D

Acq: 14 Dec 2018 01:59

Instrument :

MSVOA_W

ClientSampled :

TP-T1

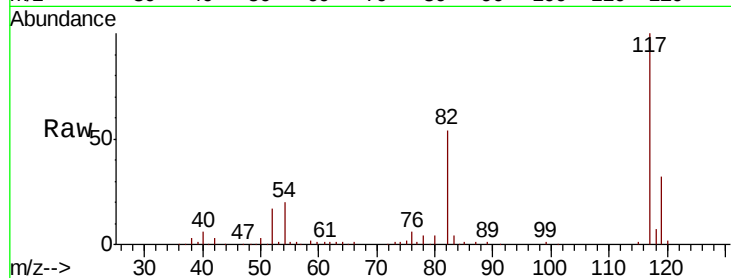
Tot Ion:117 Resp: 99542

Ion Ratio Lower Upper

117 100

82 53.9 42.3 63.5

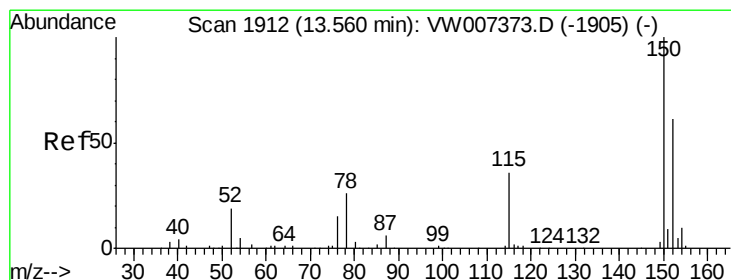
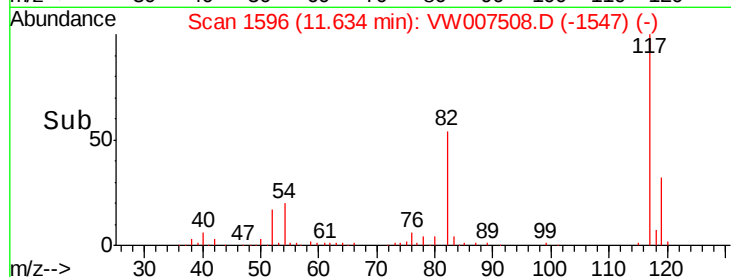
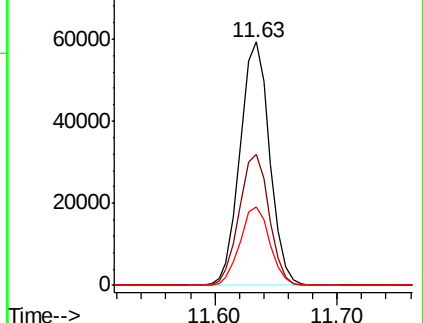
119 32.3 23.0 34.6



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: VW007508.D

Acq: 14 Dec 2018 01:59

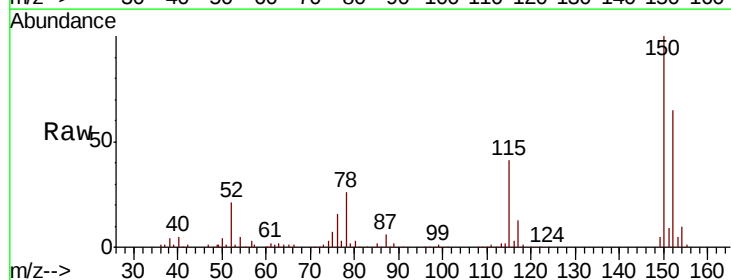
Tgt Ion:152 Resp: 40429

Ion Ratio Lower Upper

152 100

115 62.3 31.4 94.2

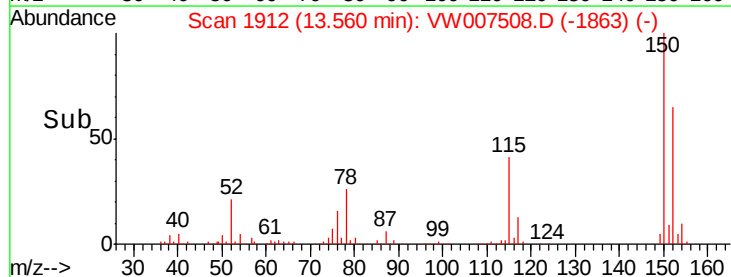
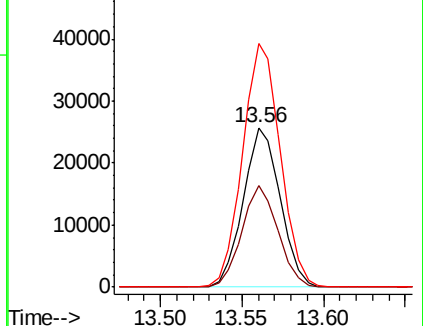
150 155.9 0.0 358.4

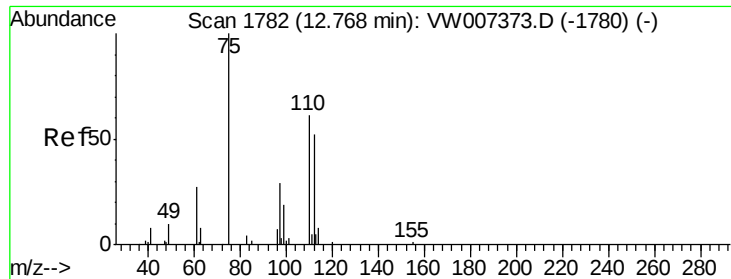


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 56.601 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007508.D

Acq: 14 Dec 2018 01:59

Instrument :

MSVOA_W

ClientSampled :

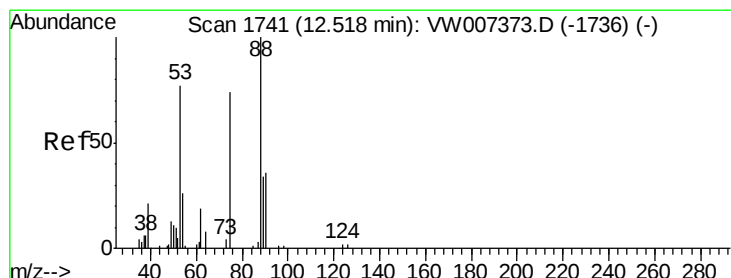
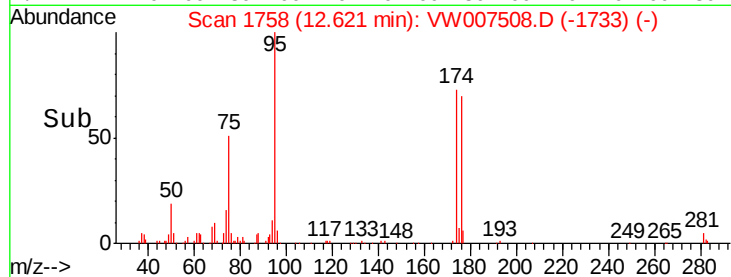
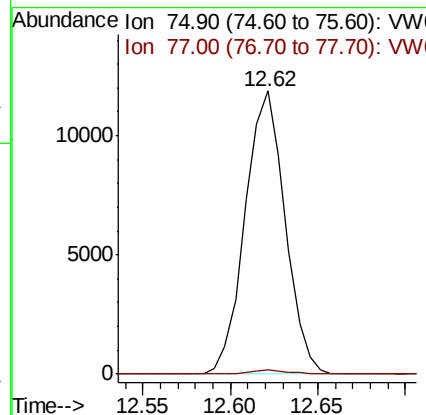
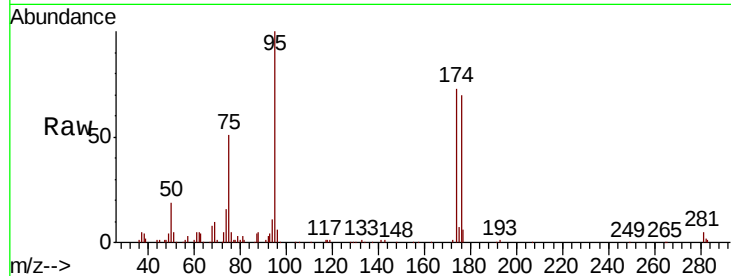
TP-T1

Tot Ion: 75 Resp: 18868

Ion Ratio Lower Upper

75 100

77 1.2 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 125.033 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007508.D

Acq: 14 Dec 2018 01:59

Tgt Ion: 75 Resp: 18868

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

