

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007384.D
 Acq On : 11 Dec 2018 05:42
 Operator : SY/AP
 Sample : J6331-19
 Misc : 5.29G/5ML/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Dec 11 07:04:36 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	86558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	154048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	41755	43.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.96%	
35) Dibromofluoromethane	7.88	113	40004	42.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.80%	
50) Toluene-d8	10.32	98	142484	40.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.50%	
62) 4-Bromofluorobenzene	12.62	95	52338	40.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.42%	

Target Compounds

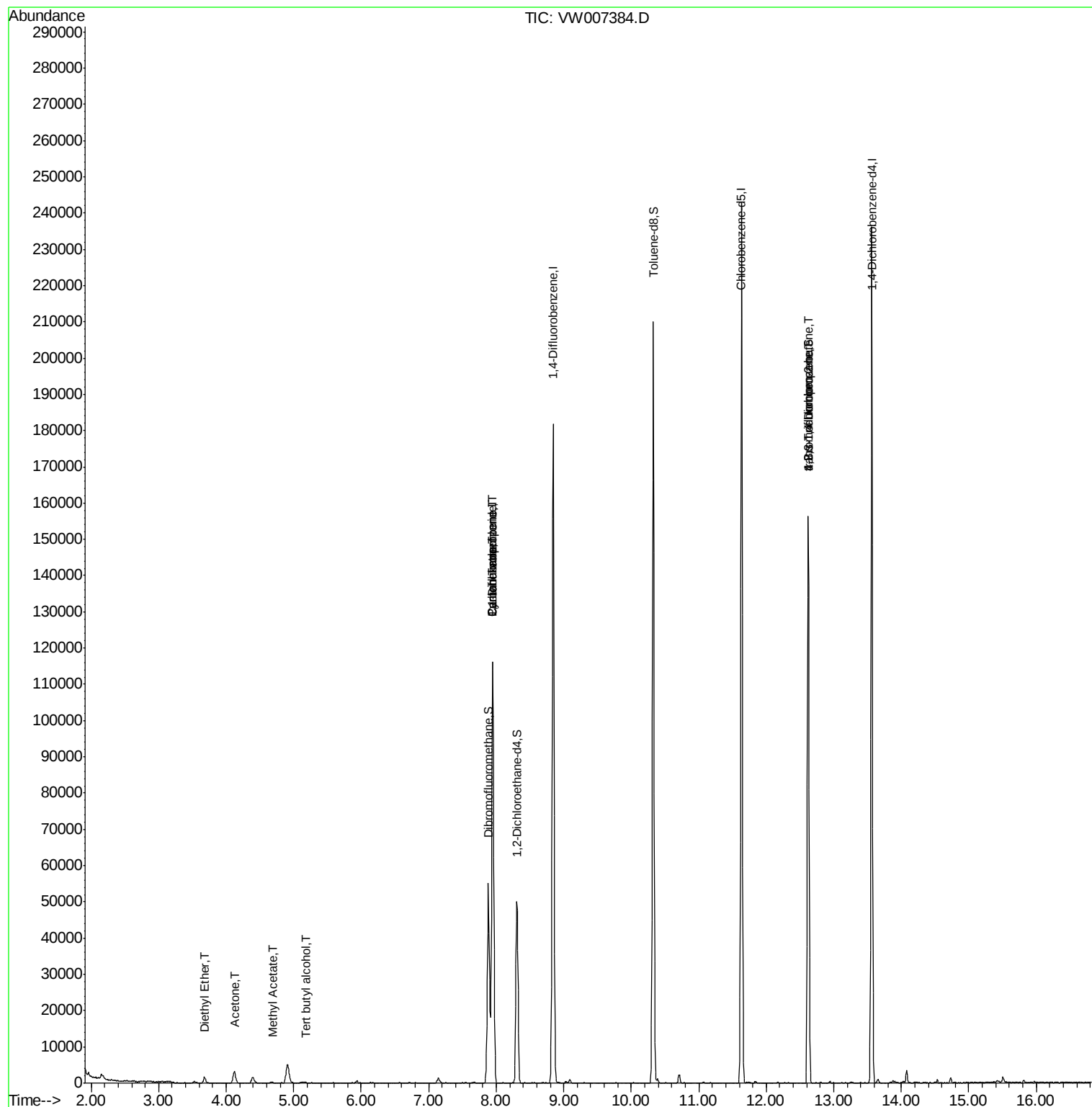
					Qvalue	
8) Diethyl Ether	3.68	74	885	2.116	ug/l	85
11) Tert butyl alcohol	5.18	59	154	2.335	ug/l #	74
16) Acetone	4.12	43	5397	32.176	ug/l	95
18) Methyl Acetate	4.68	43	526	1.155	ug/l #	70
31) Cyclohexane	7.95	56	1822	1.221	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	6652	4.734	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8854	5.791	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	26552	52.512	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	26552	116.000	ug/l #	7

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

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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: VW007384.D

Acq: 11 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampled :

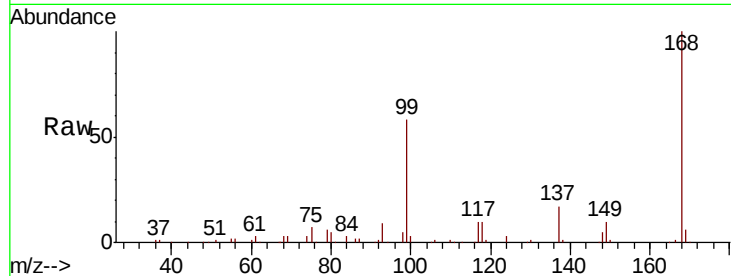
TP-4

Tgt Ion: 168 Resp: 86558

Ion Ratio Lower Upper

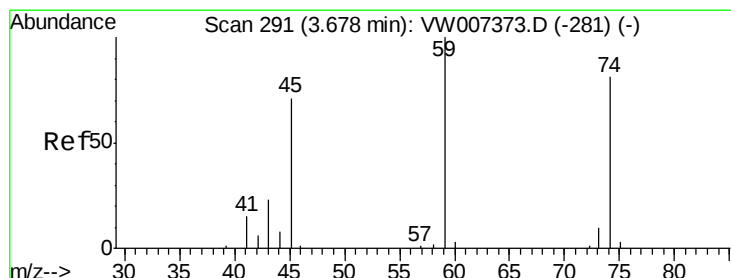
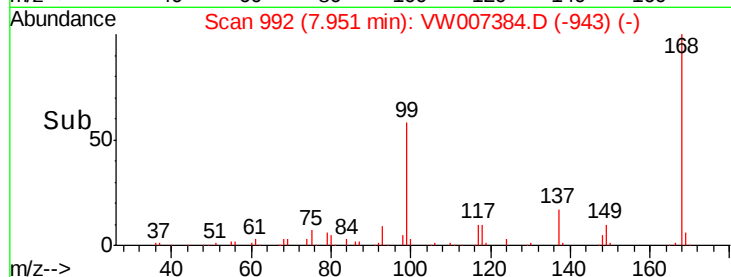
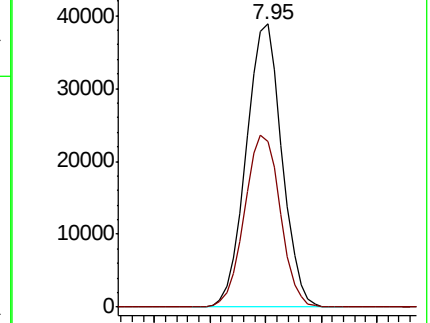
168 100

99 58.4 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: 2.116 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW007384.D

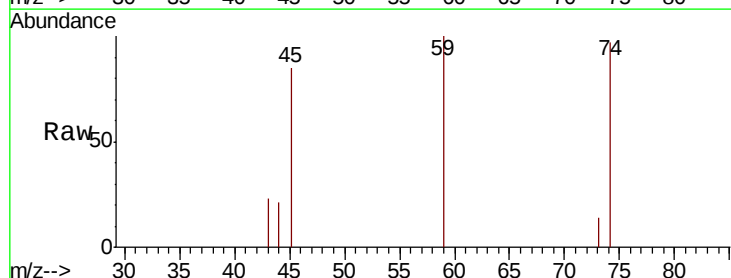
Acq: 11 Dec 2018 05:42

Tgt Ion: 74 Resp: 885

Ion Ratio Lower Upper

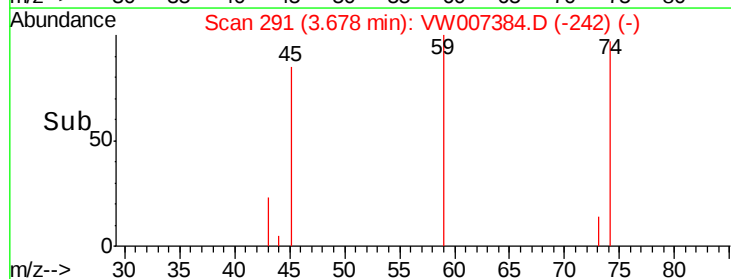
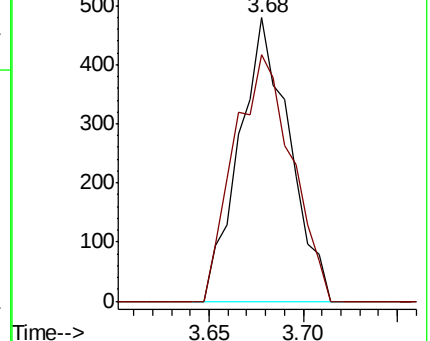
74 100

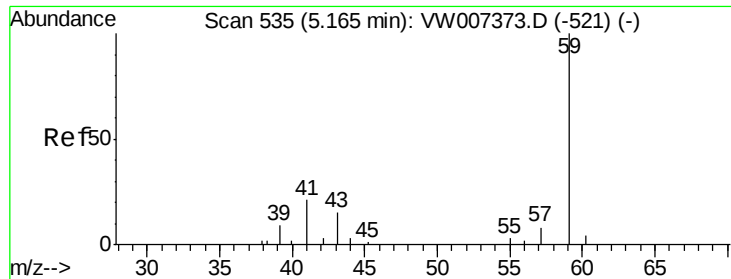
45 100.1 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

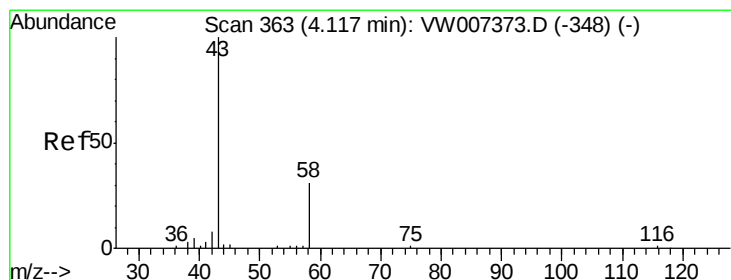
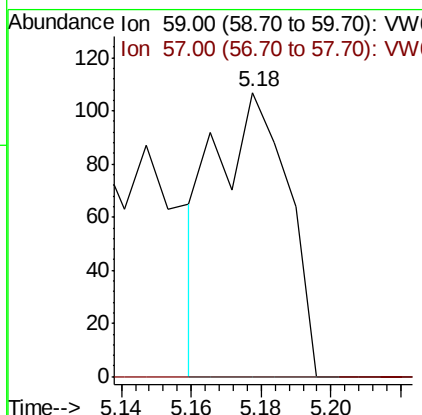
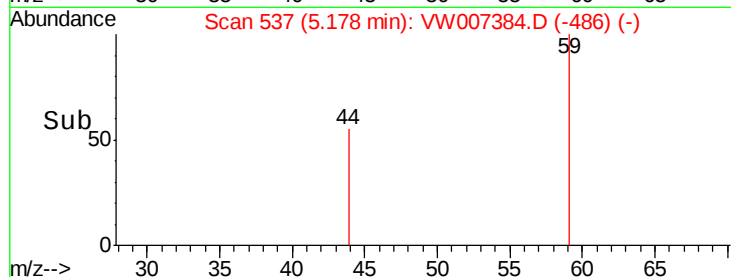
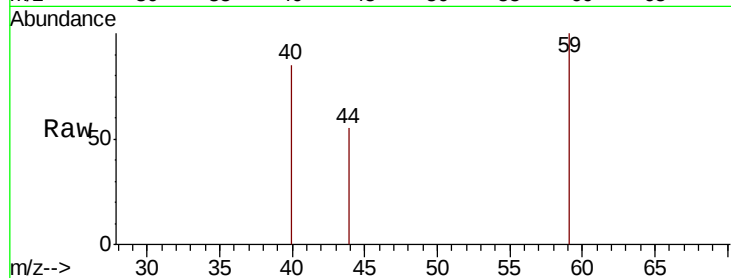




#11
Tert butyl alcohol
Concen: 2.335 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW007384.D
Acq: 11 Dec 2018 05:42

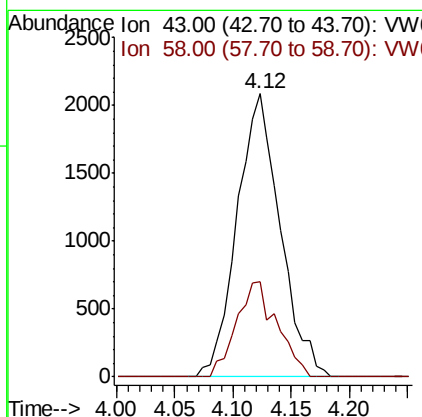
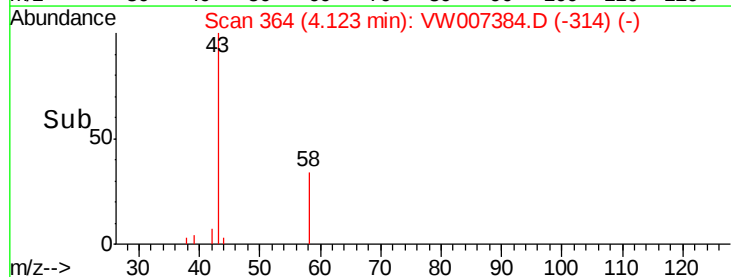
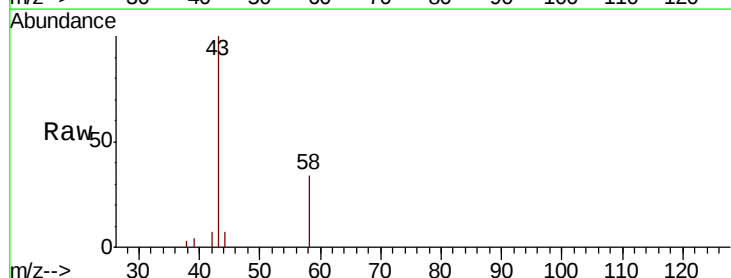
Instrument :
MSVOA_W
ClientSampleId :
TP-4

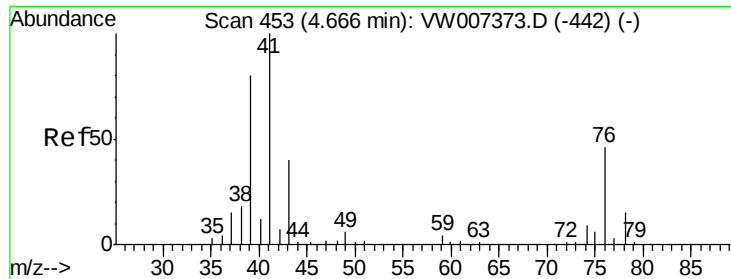
Tgt Ion: 59 Resp: 154
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#



#16
Acetone
Concen: 32.176 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007384.D
Acq: 11 Dec 2018 05:42

Tgt Ion: 43 Resp: 5397
Ion Ratio Lower Upper
43 100
58 33.7 24.9 37.3

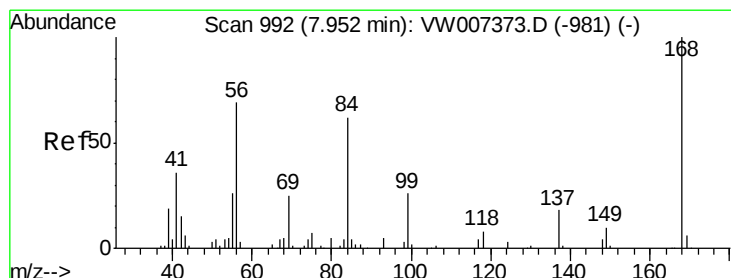
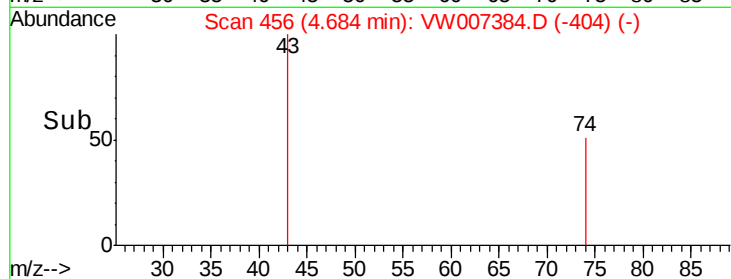
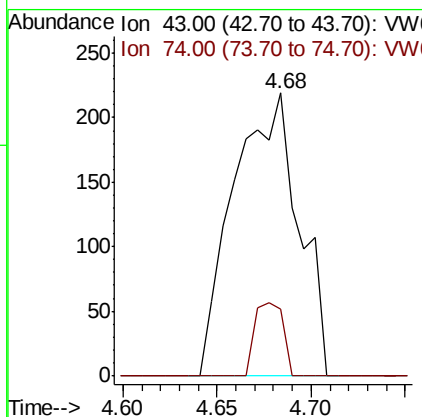
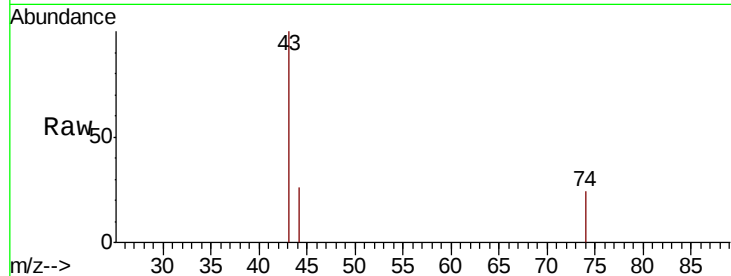




#18
Methyl Acetate
Concen: 1.155 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW007384.D
Acq: 11 Dec 2018 05:42

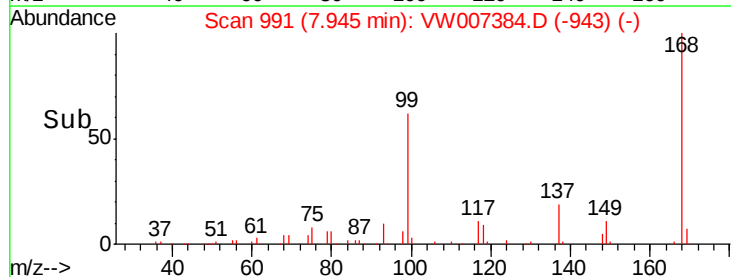
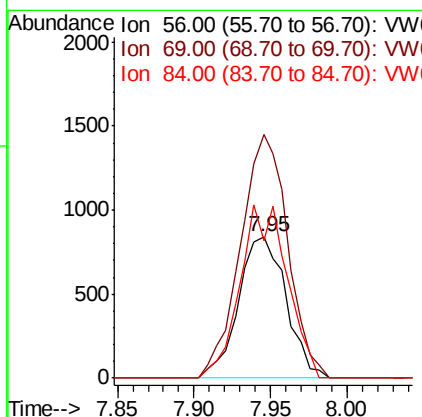
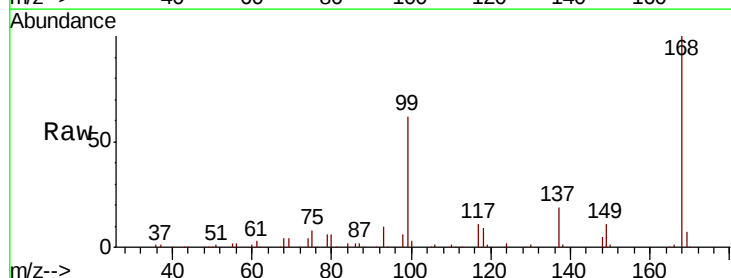
Instrument :
MSVOA_W
ClientSampled :
TP-4

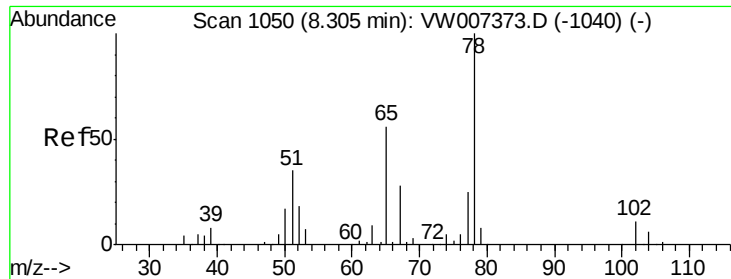
Tgt Ion: 43 Resp: 526
Ion Ratio Lower Upper
43 100
74 11.2 21.1 31.7#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007384.D
Acq: 11 Dec 2018 05:42

Tgt Ion: 56 Resp: 1822
Ion Ratio Lower Upper
56 100
69 171.9 28.9 43.3#
84 97.0 71.8 107.6

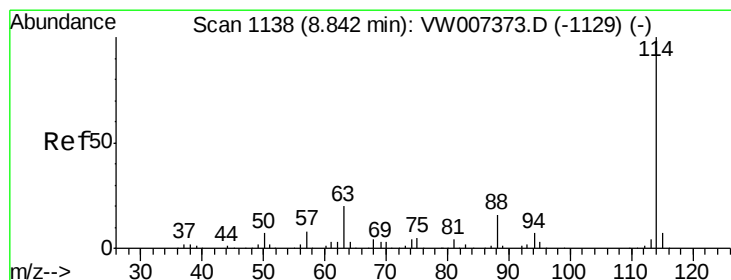
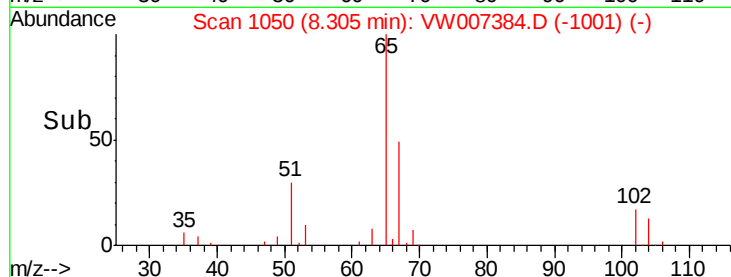
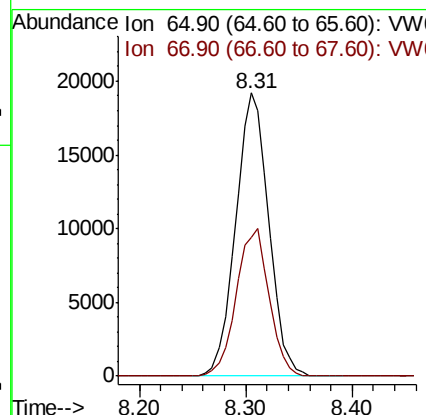
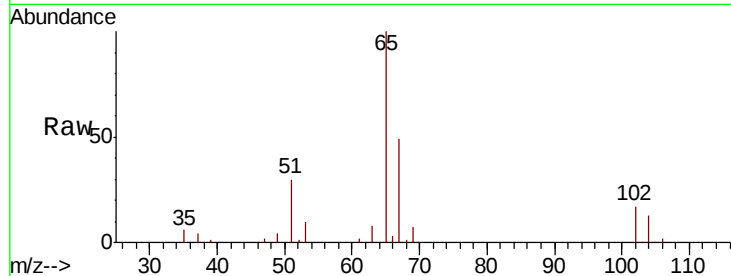




#33
 1,2-Dichloroethane-d4
 Concen: 43.482 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007384.D
 Acq: 11 Dec 2018 05:42

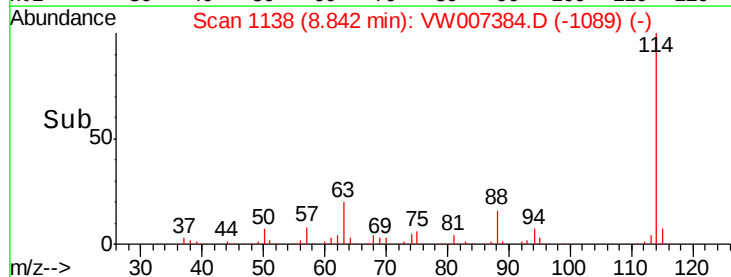
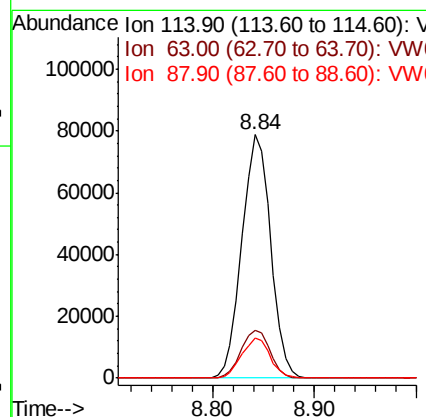
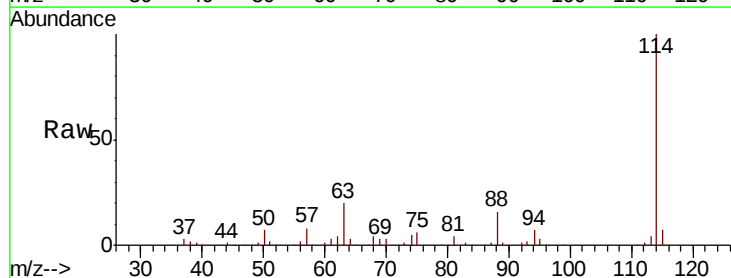
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

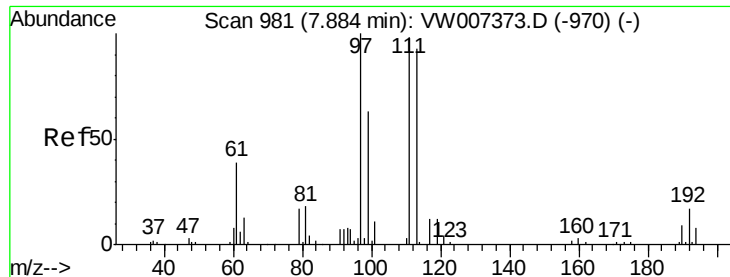
Tgt Ion: 65 Resp: 41755
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007384.D
 Acq: 11 Dec 2018 05:42

Tgt Ion: 114 Resp: 154048
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 16.5 0.0 31.4

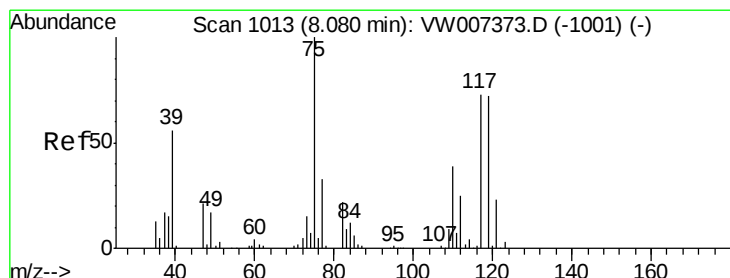
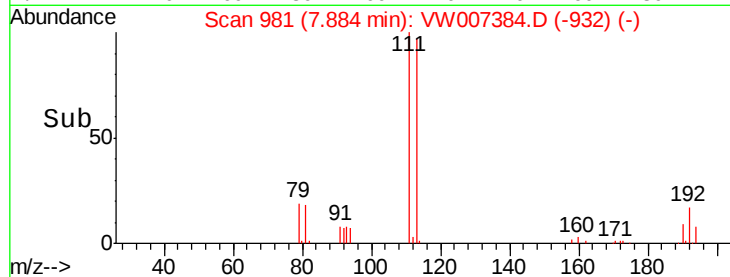
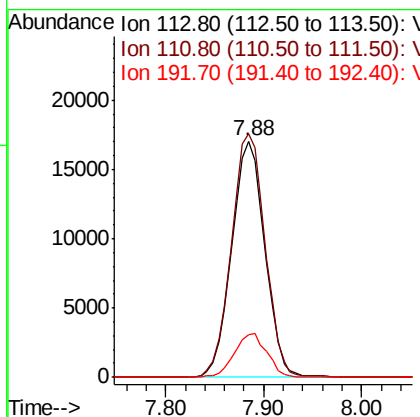
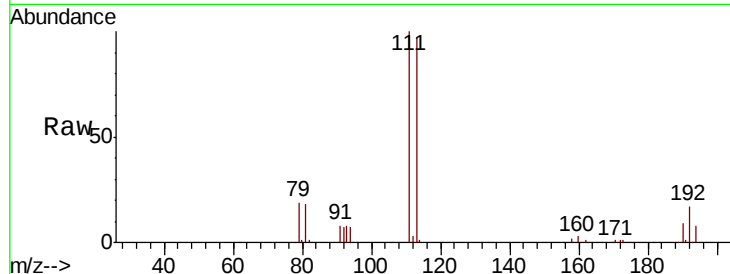




#35
 Dibromofluoromethane
 Concen: 42.899 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007384.D
 Acq: 11 Dec 2018 05:42

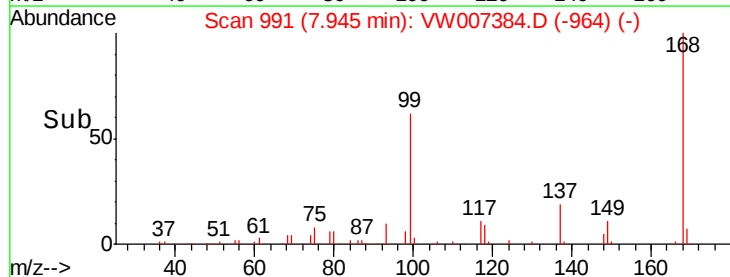
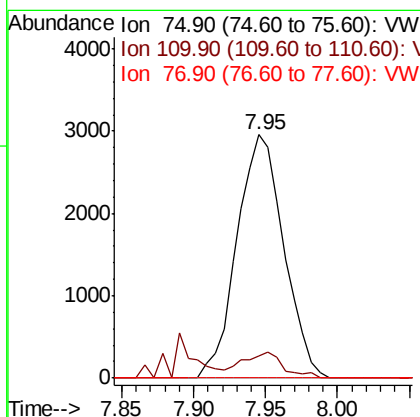
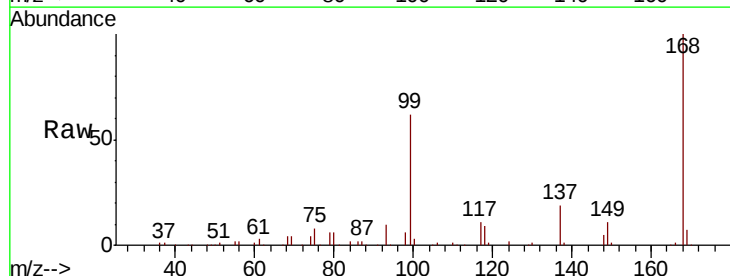
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

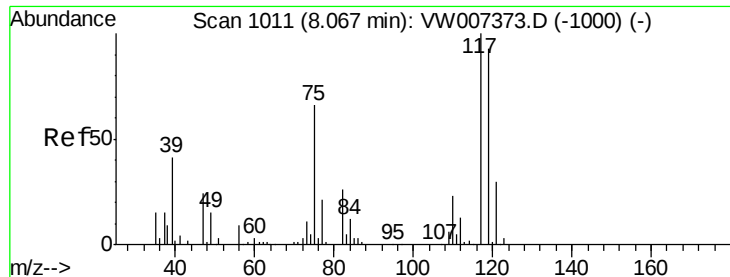
Tgt Ion:113 Resp: 40004
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.1 121.7
 192 18.0 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 4.734 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007384.D
 Acq: 11 Dec 2018 05:42

Tgt Ion: 75 Resp: 6652
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.5 55.5#
 77 0.0 25.6 38.4#

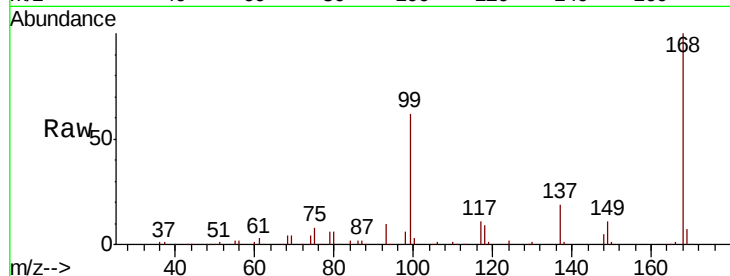




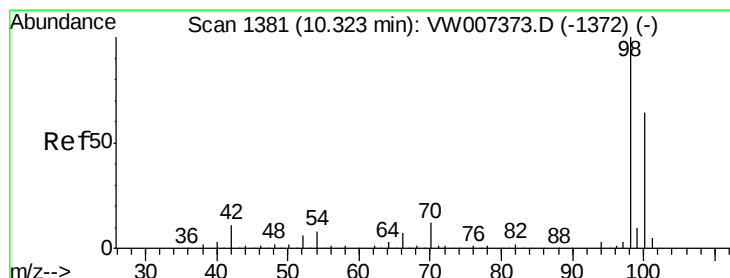
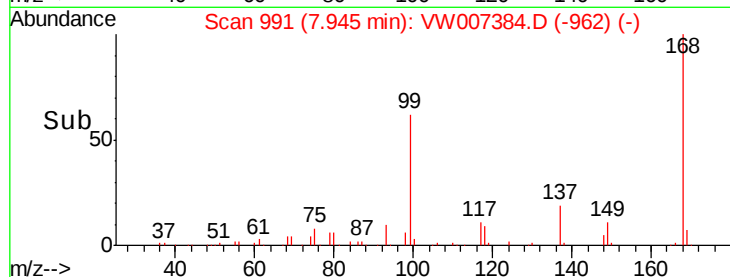
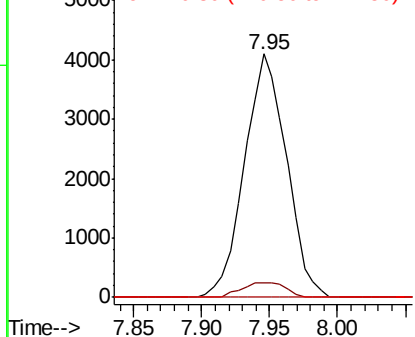
#38
Carbon Tetrachloride
Concen: 5.791 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007384.D
Acq: 11 Dec 2018 05:42

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tgt Ion: 117 Resp: 8854
Ion Ratio Lower Upper
117 100
119 5.9 74.3 111.5#
121 0.0 24.3 36.5#

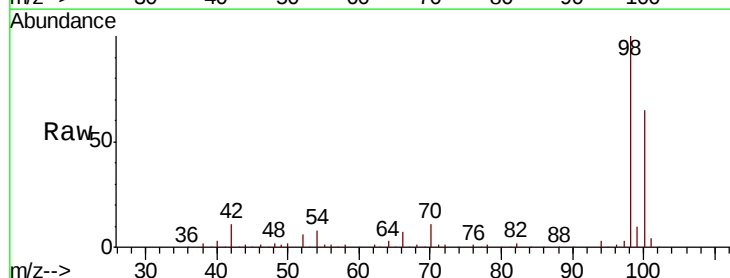


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

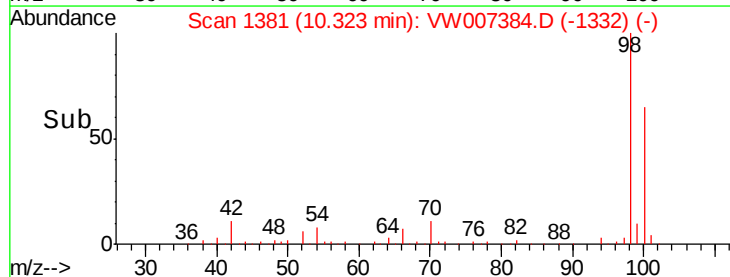
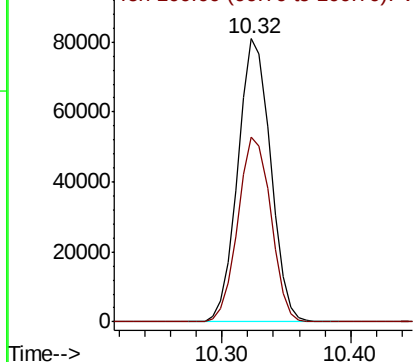


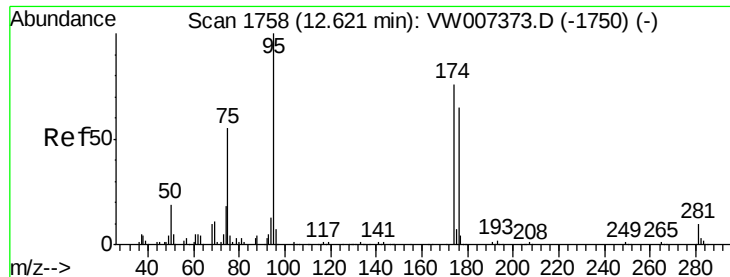
#50
Toluene-d8
Concen: 40.751 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007384.D
Acq: 11 Dec 2018 05:42

Tgt Ion: 98 Resp: 142484
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: 40.713 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007384.D

Acq: 11 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampled :

TP-4

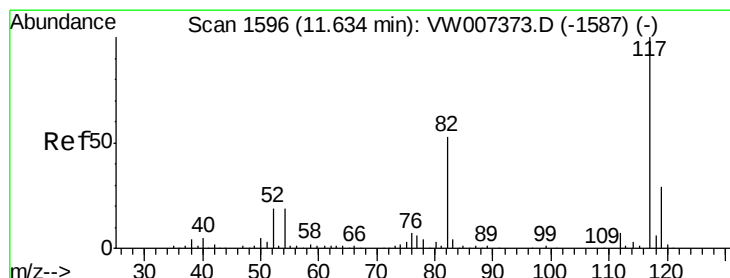
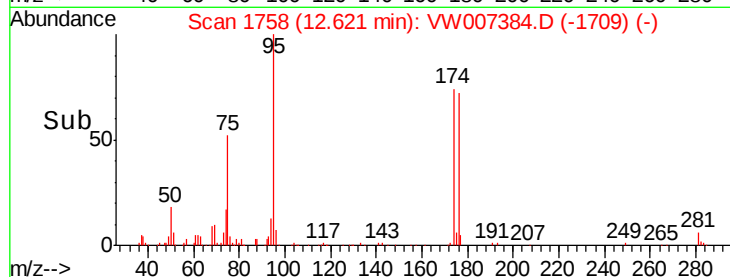
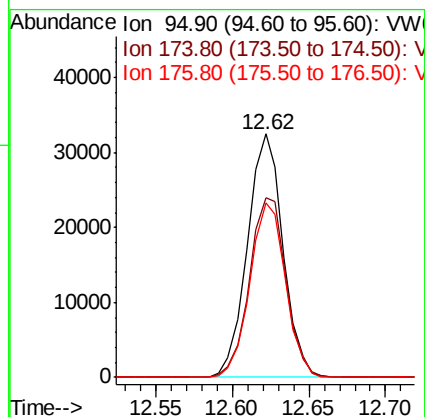
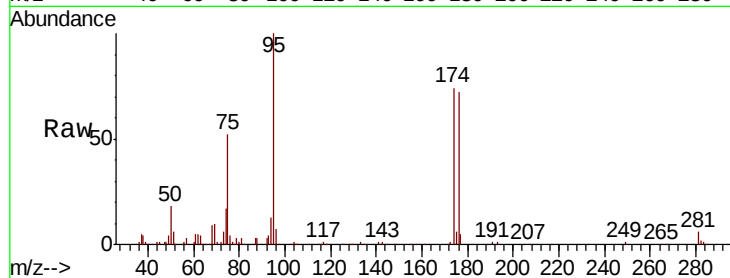
Tgt Ion: 95 Resp: 52338

Ion Ratio Lower Upper

95 100

174 75.8 0.0 147.2

176 72.1 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: VW007384.D

Acq: 11 Dec 2018 05:42

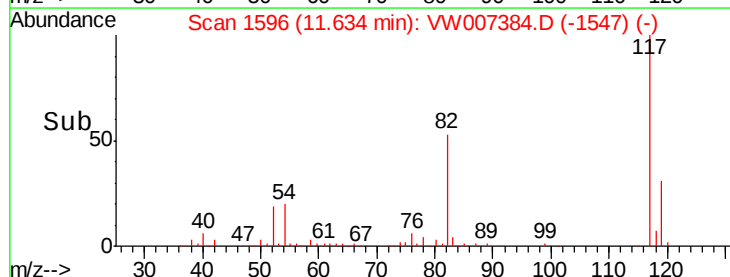
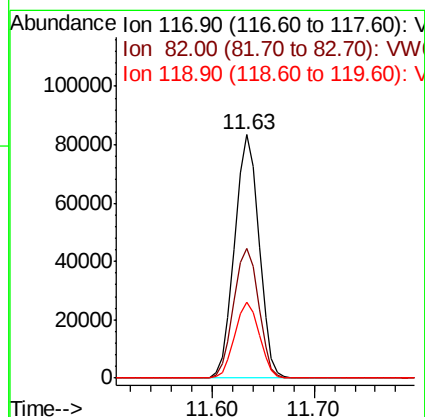
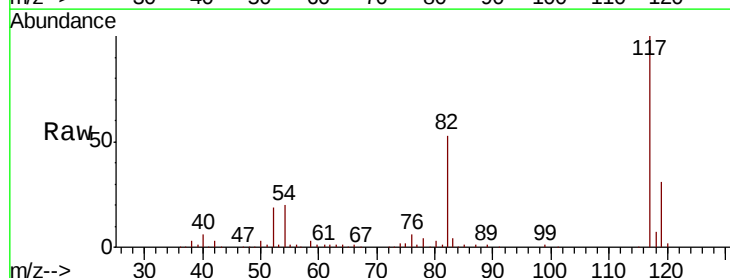
Tgt Ion: 117 Resp: 137471

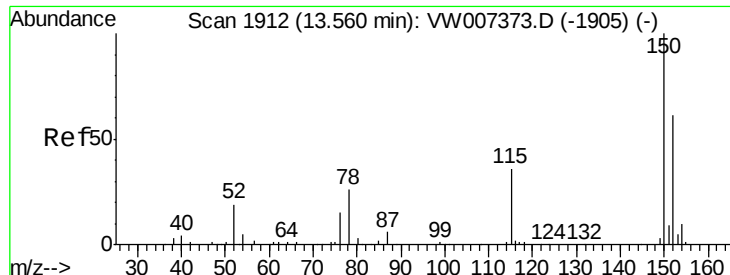
Ion Ratio Lower Upper

117 100

82 53.3 42.3 63.5

119 31.0 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: VW007384.D

Acq: 11 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

TP-4

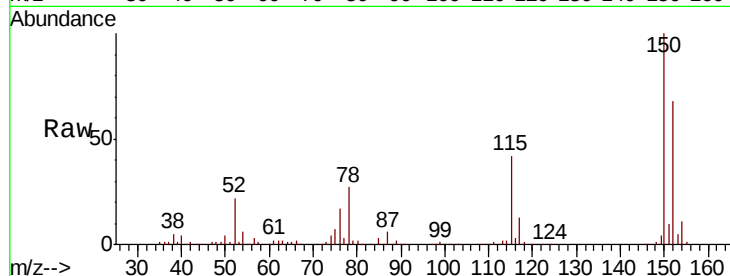
Tgt Ion:152 Resp: 61324

Ion Ratio Lower Upper

152 100

115 62.1 31.4 94.2

150 154.2 0.0 358.4

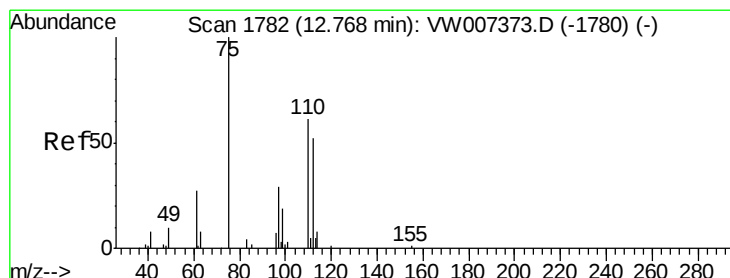
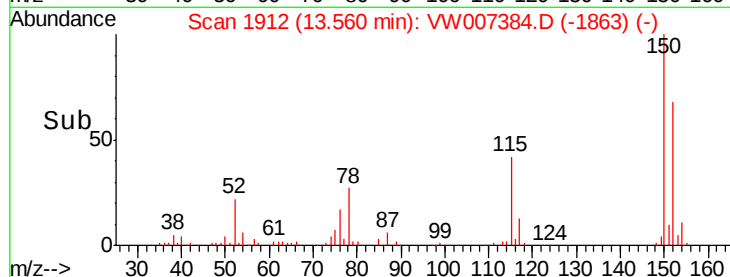
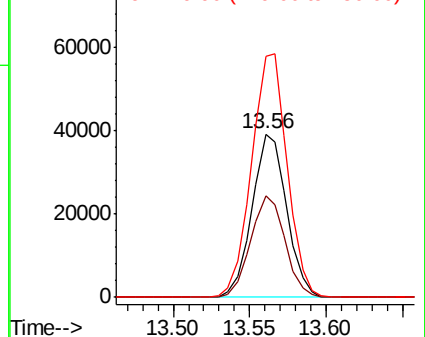


Abundance

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: 52.512 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007384.D

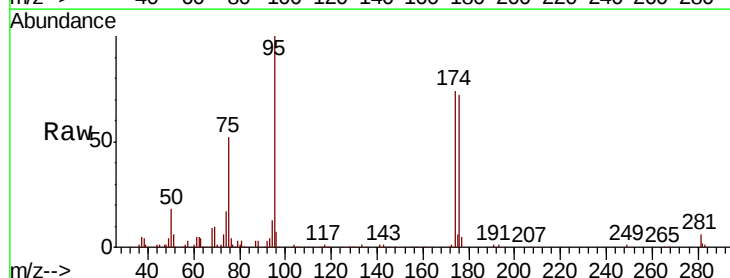
Acq: 11 Dec 2018 05:42

Tgt Ion: 75 Resp: 26552

Ion Ratio Lower Upper

75 100

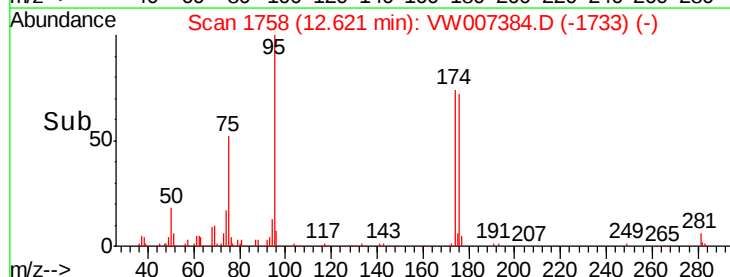
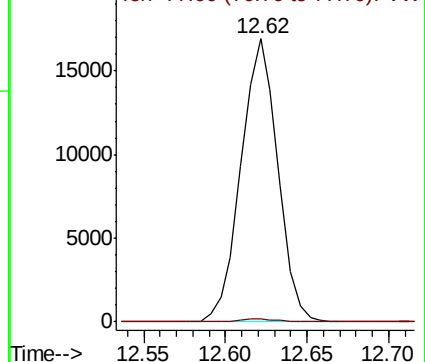
77 1.0 166.9 500.8#

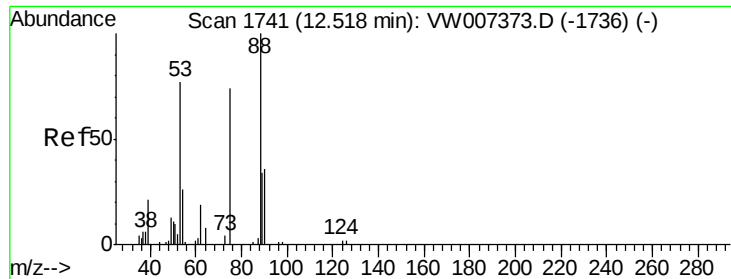


Abundance

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: 116.000 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007384.D

Acq: 11 Dec 2018 05:42

Instrument :

MSVOA_W

ClientSampleId :

TP-4

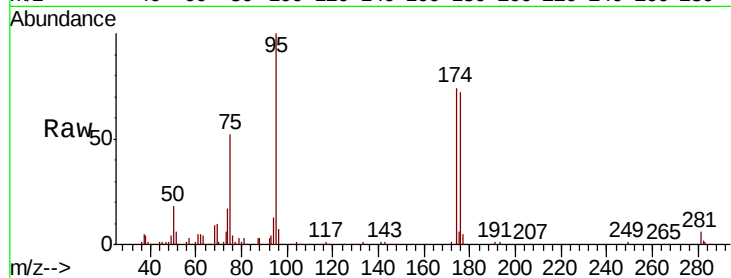
Tgt Ion: 75 Resp: 26552

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

