

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121918\
 Data File : VW007642.D
 Acq On : 17 Dec 2018 19:50
 Operator : SY/AP
 Sample : J6379-01RE
 Misc : 5.90G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 07:06:51 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	17648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	29997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	26044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9832	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	11340	57.92	ug/l	0.00
Spiked Amount			Recovery	=	115.84%	
35) Dibromofluoromethane	7.88	113	9732	53.60	ug/l	0.00
Spiked Amount			Recovery	=	107.20%	
50) Toluene-d8	10.33	98	31596	46.41	ug/l	0.00
Spiked Amount			Recovery	=	92.82%	
62) 4-Bromofluorobenzene	12.62	95	10431	41.67	ug/l	0.00
Spiked Amount			Recovery	=	83.34%	

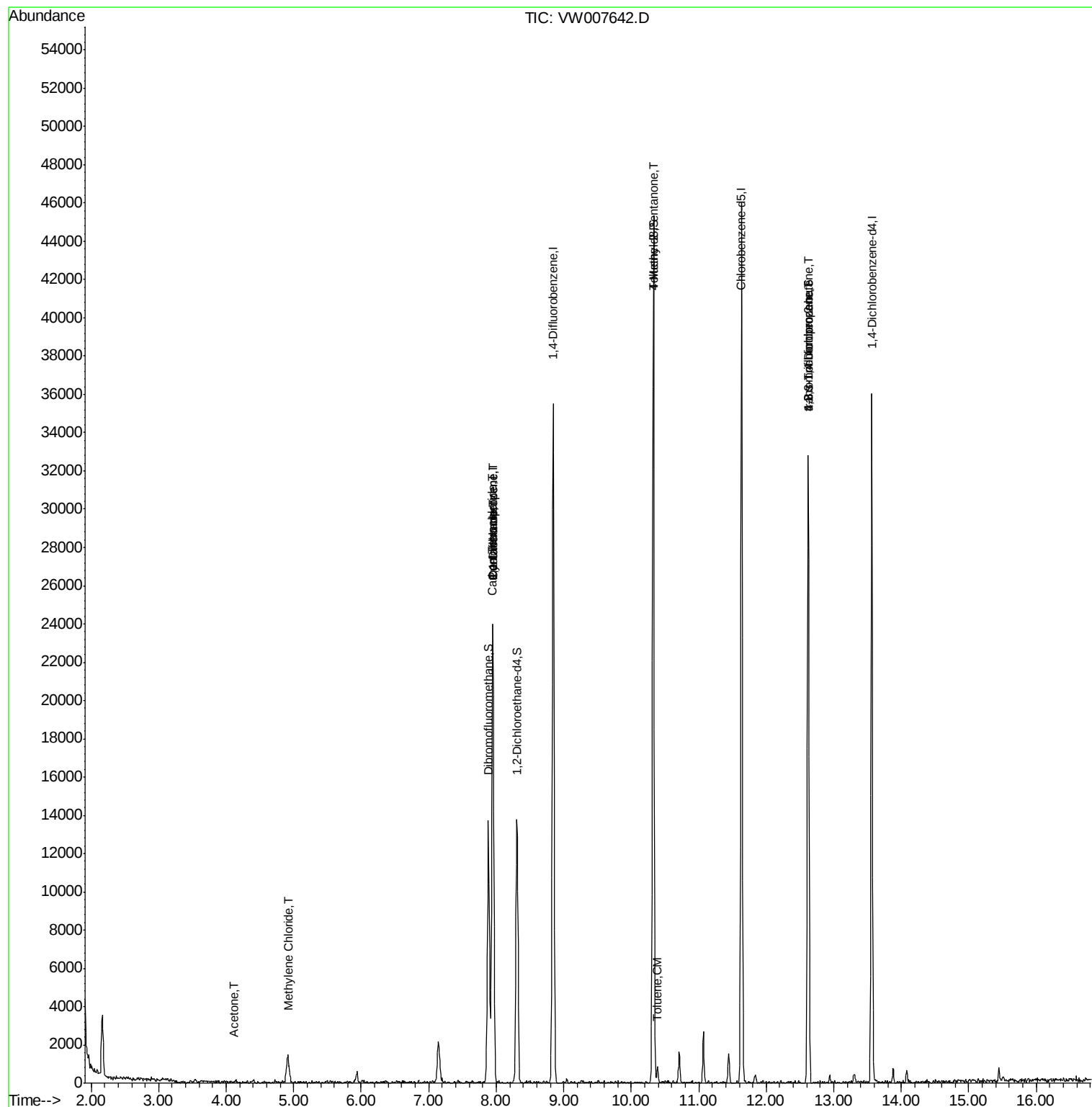
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	140	4.094	ug/l #	44
20) Methylene Chloride	4.92	84	1211	2.775	ug/l #	90
31) Cyclohexane	7.96	56	405	1.332	ug/l #	52
36) 1,1-Dichloropropene	7.95	75	1390	5.080	ug/l #	45
38) Carbon Tetrachloride	7.94	117	1984	6.663	ug/l #	13
51) 4-Methyl-2-Pentanone	10.33	43	106	1.116	ug/l #	1
52) Toluene	10.39	92	520	1.058	ug/l #	73
76) 1,2,3-Trichloropropane	12.62	75	5437	67.067	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	5437	148.153	ug/l #	7

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

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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: VW007642.D

Acq: 17 Dec 2018 19:50

Instrument :

MSVOA_W

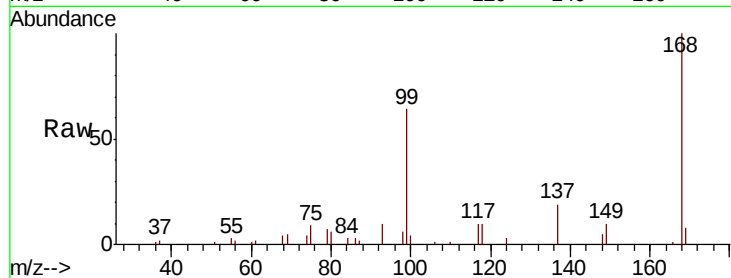
ClientSampled :

Tot Ion:168 Resp: 17648

Ion Ratio Lower Upper

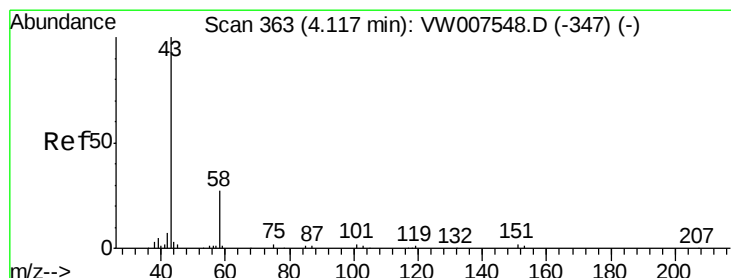
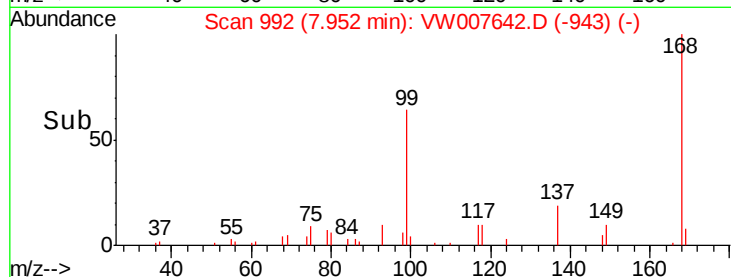
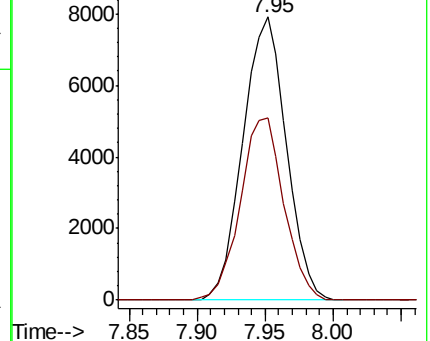
168 100

99 64.2 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.094 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007642.D

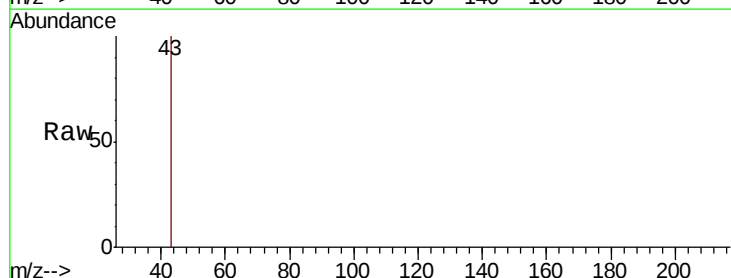
Acq: 17 Dec 2018 19:50

Tgt Ion: 43 Resp: 140

Ion Ratio Lower Upper

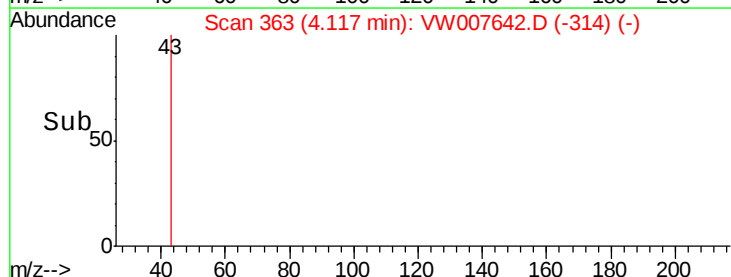
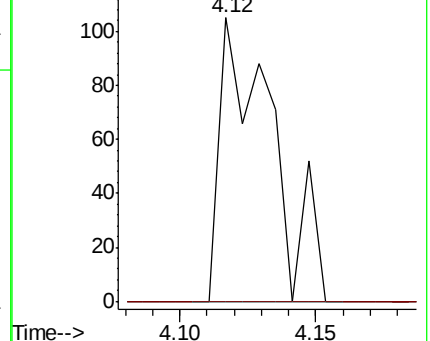
43 100

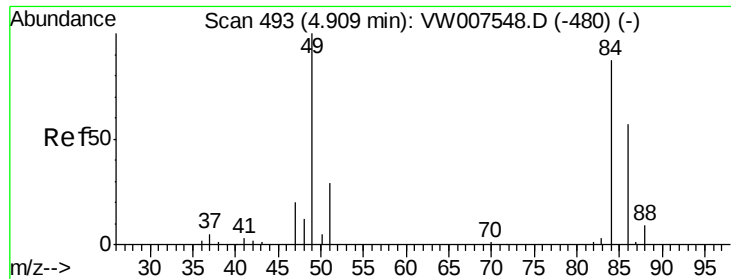
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

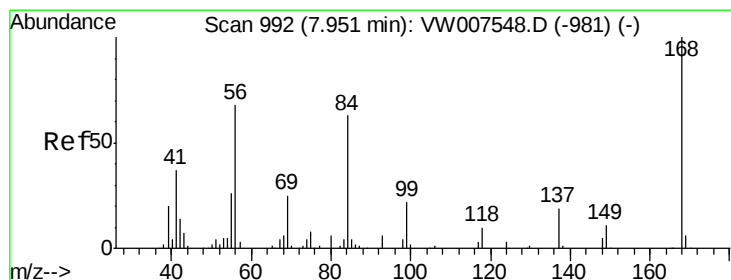
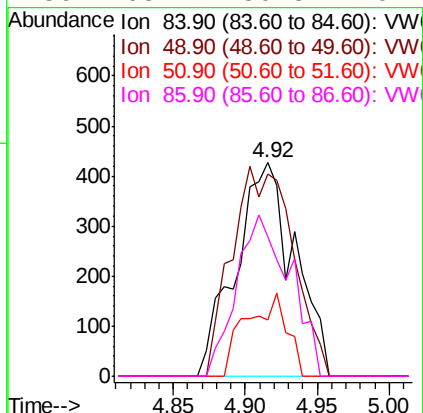
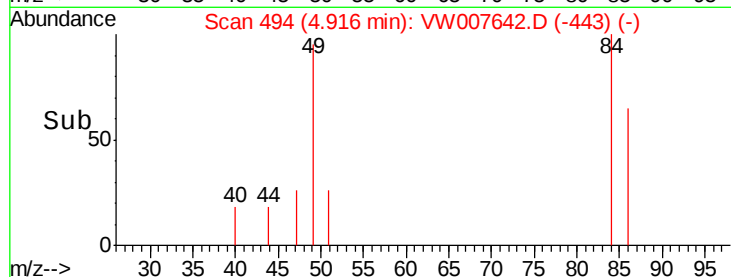
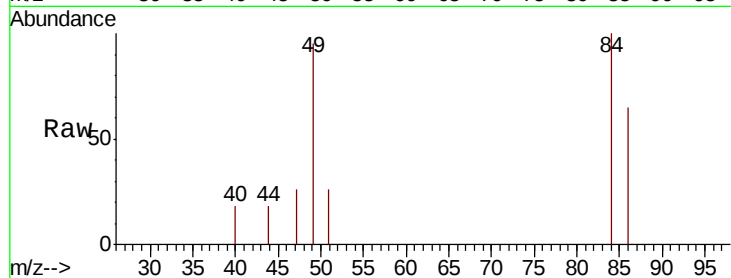




#20
Methvlene Chloride
Concen: 2.775 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007642.D
Acq: 17 Dec 2018 19:50

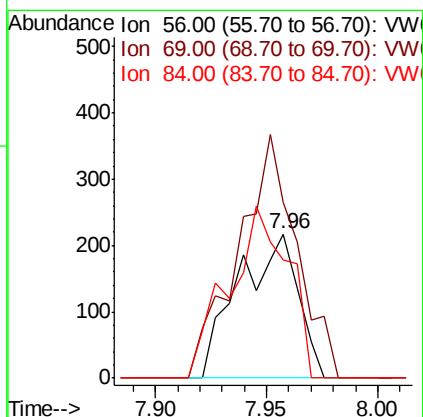
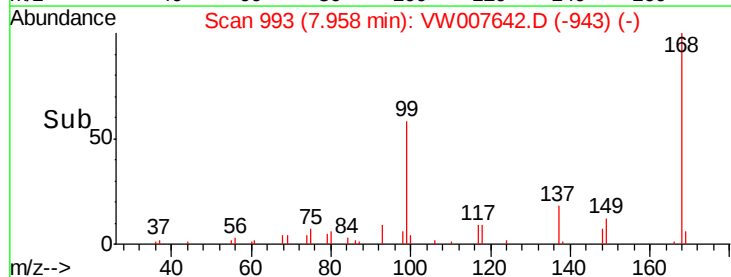
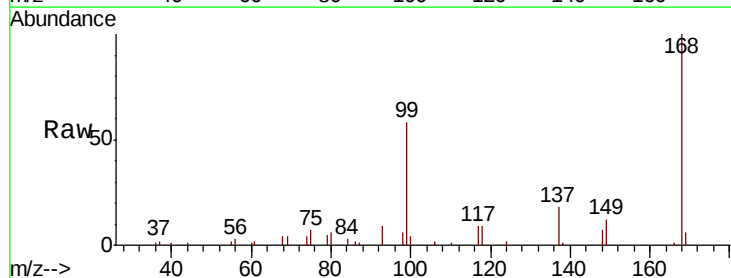
Instrument :
MSVOA_W
ClientSampleId :

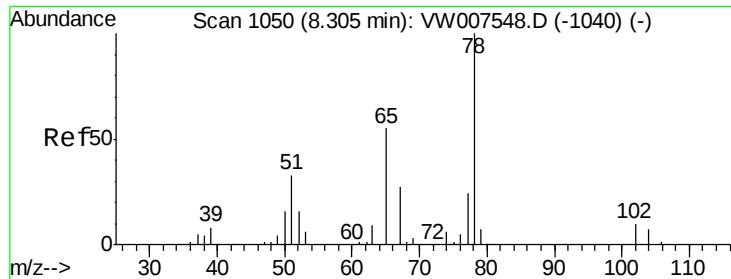
Tot Ion: 84 Resp: 1211
Ion Ratio Lower Upper
84 100
49 94.6 87.1 130.7
51 26.2 28.2 42.2#
86 65.1 50.8 76.2



#31
Cyclohexane
Concen: 1.332 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007642.D
Acq: 17 Dec 2018 19:50

Tgt Ion: 56 Resp: 405
Ion Ratio Lower Upper
56 100
69 122.6 28.9 43.3#
84 82.5 71.8 107.6

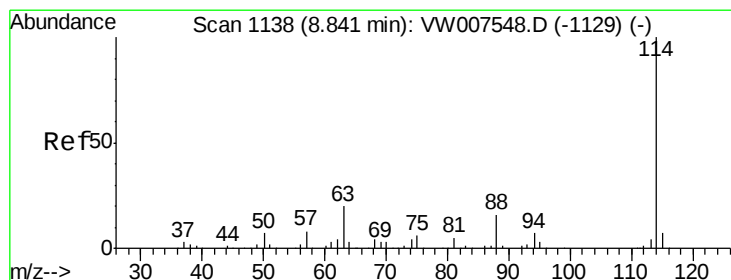
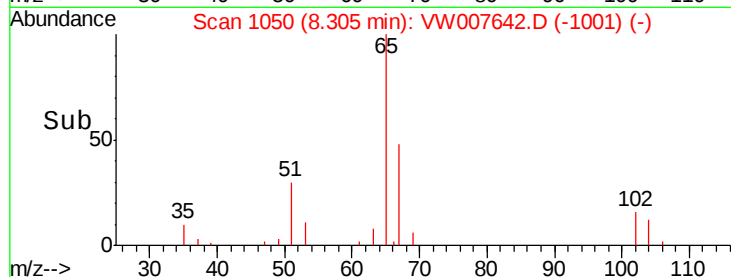
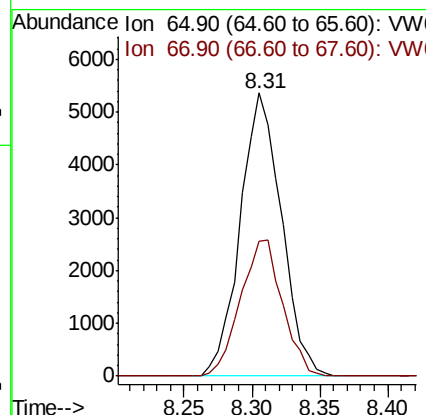
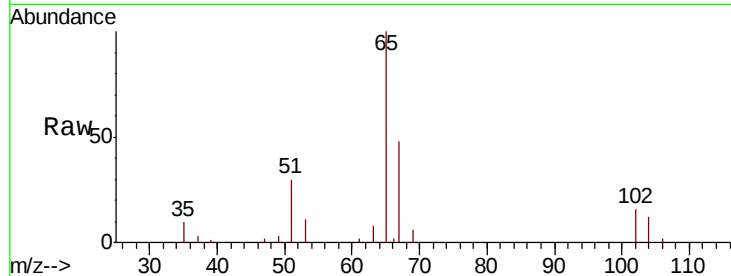




#33
 1,2-Dichloroethane-d4
 Concen: 57.919 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007642.D
 Acq: 17 Dec 2018 19:50

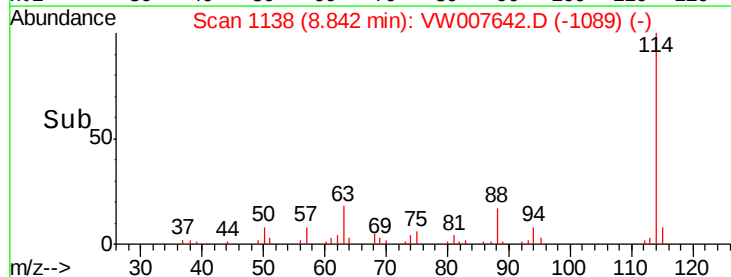
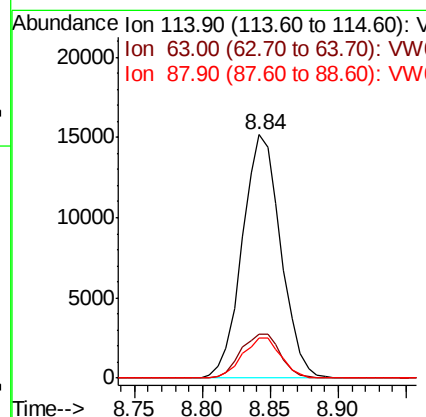
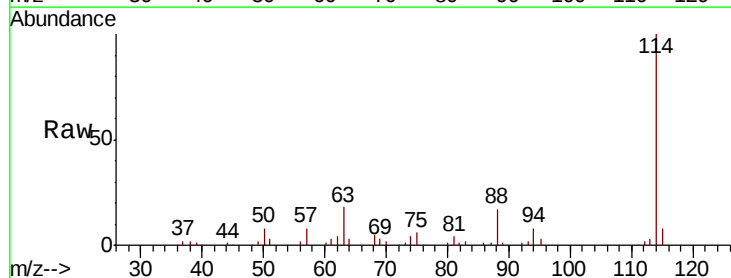
Instrument :
 MSVOA_W
 ClientSampleId :

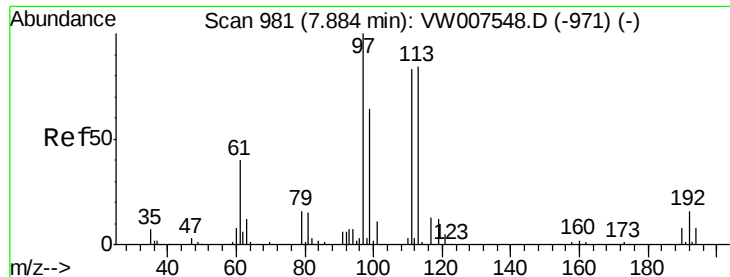
Tot Ion: 65 Resp: 11340
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007642.D
 Acq: 17 Dec 2018 19:50

Tgt Ion: 114 Resp: 29997
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.6
 88 16.7 0.0 31.4

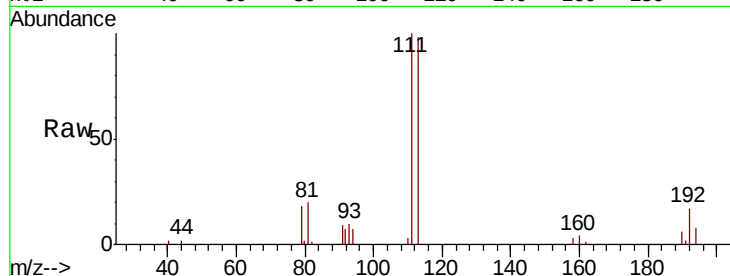




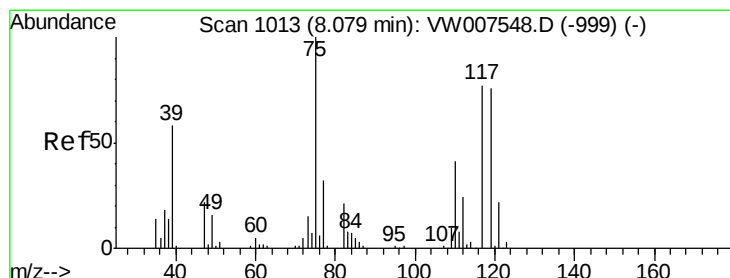
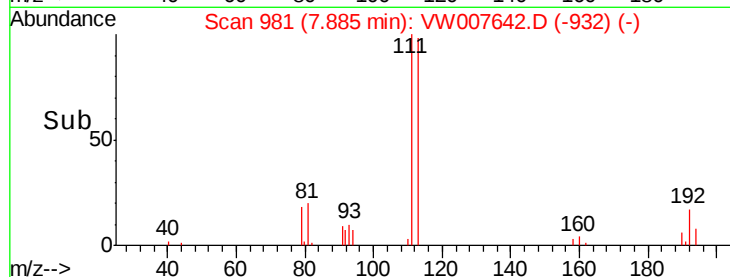
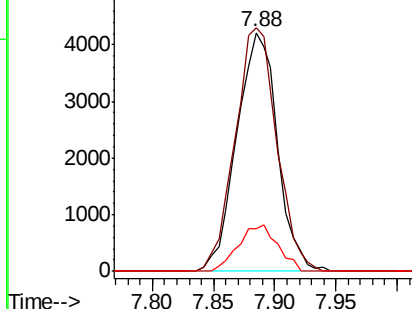
#35
 Dibromofluoromethane
 Concen: 53.595 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007642.D
 Acq: 17 Dec 2018 19:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 9732
 Ion Ratio Lower Upper
 113 100
 111 104.7 81.1 121.7
 192 18.7 14.6 21.8

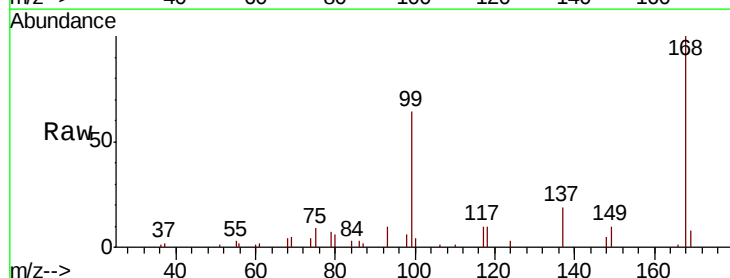


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

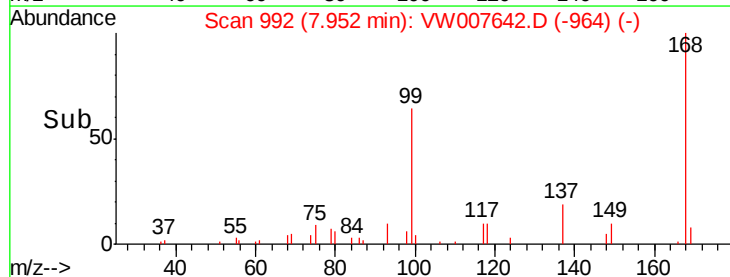
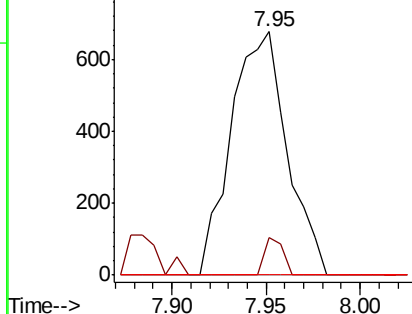


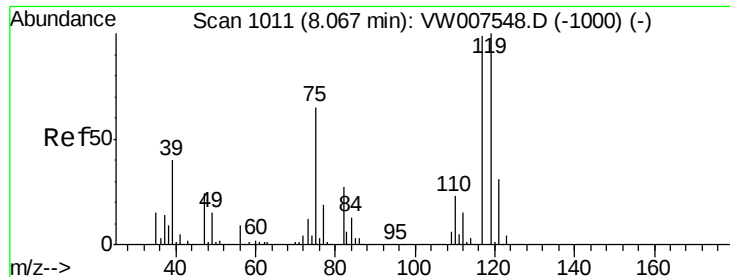
#36
 1,1-Dichloropropene
 Concen: 5.080 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007642.D
 Acq: 17 Dec 2018 19:50

Tgt Ion: 75 Resp: 1390
 Ion Ratio Lower Upper
 75 100
 110 5.0 18.5 55.5#
 77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

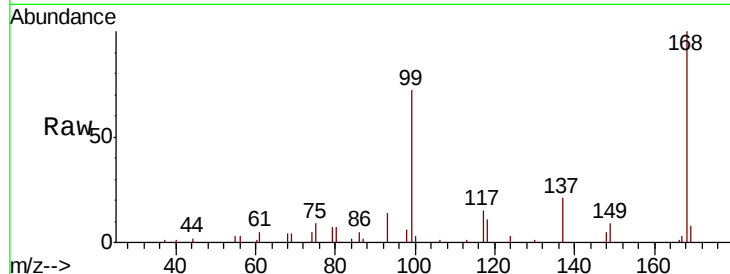




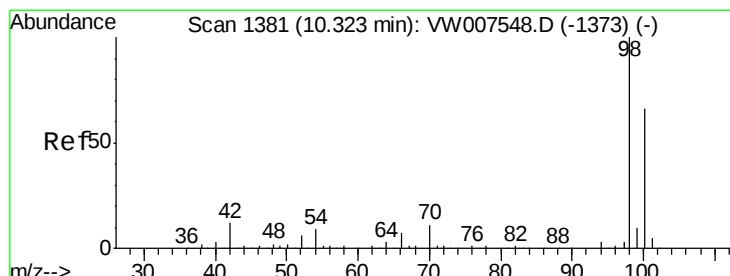
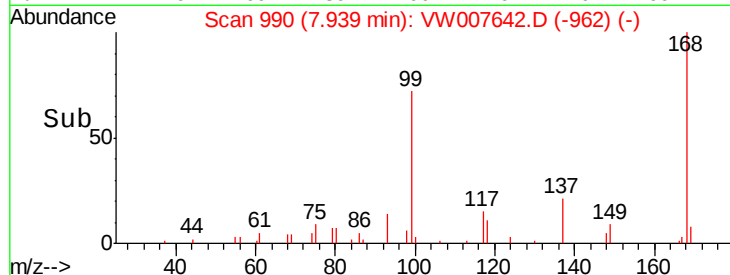
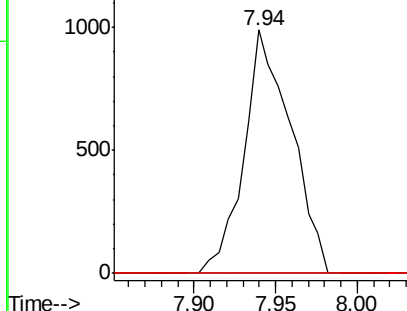
#38
Carbon Tetrachloride
Concen: 6.663 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW007642.D
Acq: 17 Dec 2018 19:50

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 1984
Ion Ratio Lower Upper
117 100
119 0.0 74.3 111.5#
121 0.0 24.3 36.5#

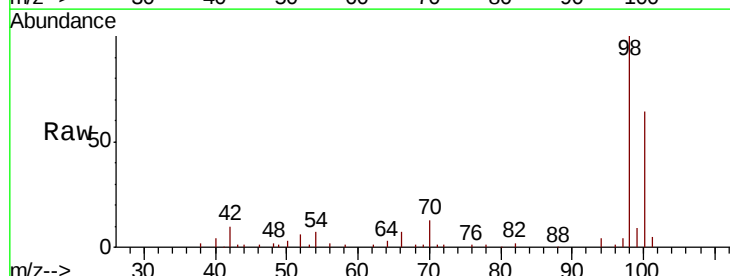


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

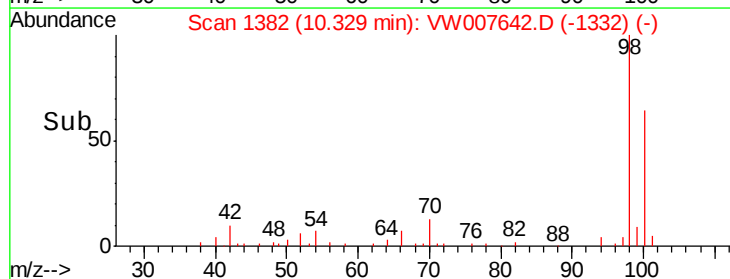
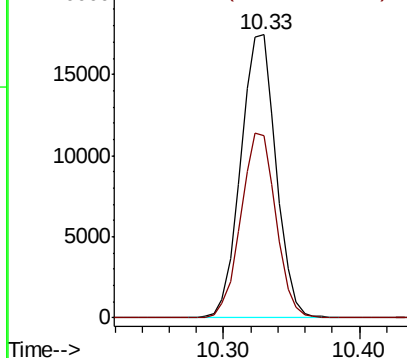


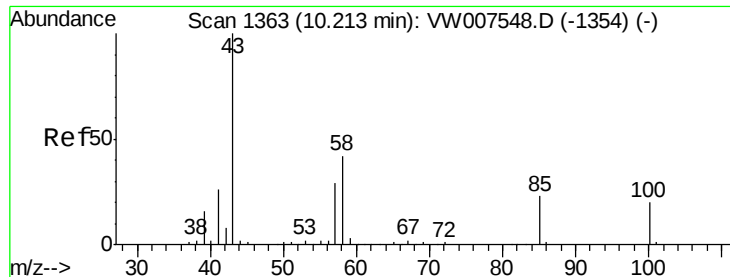
#50
Toluene-d8
Concen: 46.407 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW007642.D
Acq: 17 Dec 2018 19:50

Tgt Ion: 98 Resp: 31596
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8



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

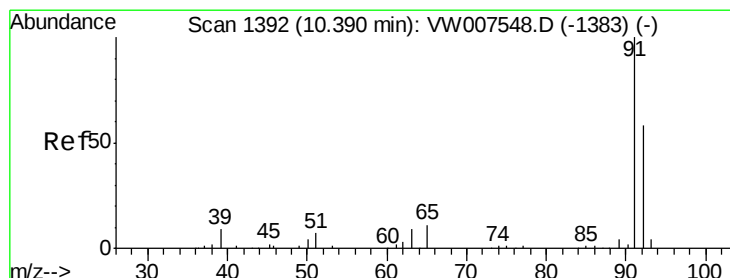
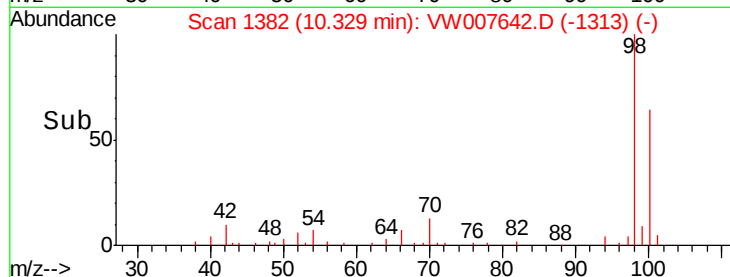
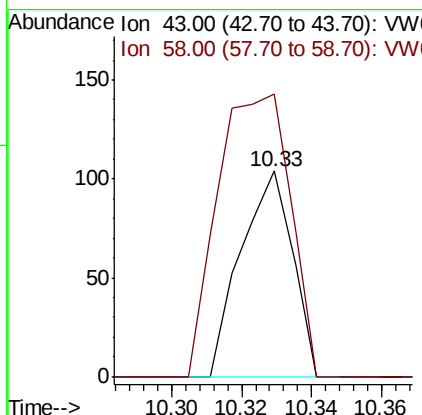
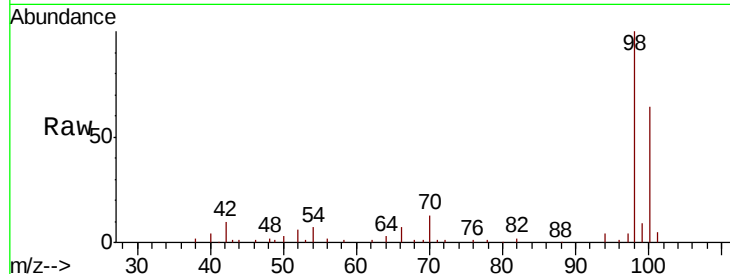




#51
4-Methyl-2-Pentanone
Concen: 1.116 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.12 min
Lab File: VW007642.D
Acq: 17 Dec 2018 19:50

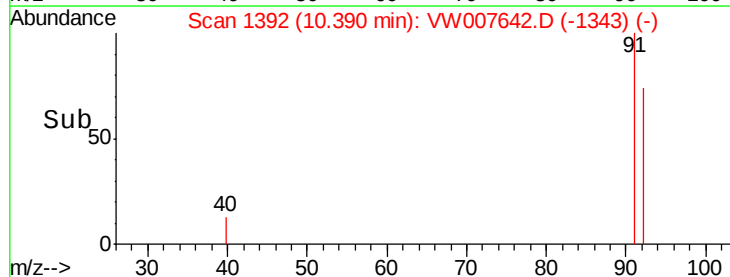
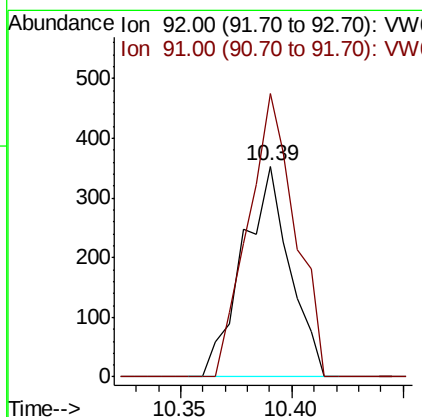
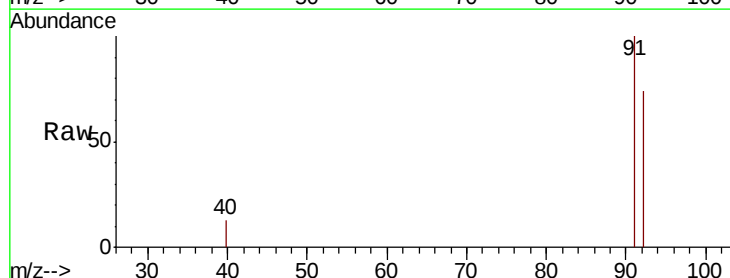
Instrument :
MSVOA_W
ClientSampled :

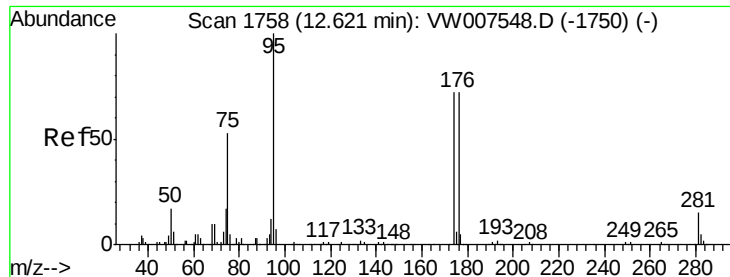
Tot Ion: 43 Resp: 106
Ion Ratio Lower Upper
43 100
58 194.3 33.1 49.7#



#52
Toluene
Concen: 1.058 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007642.D
Acq: 17 Dec 2018 19:50

Tgt Ion: 92 Resp: 520
Ion Ratio Lower Upper
92 100
91 133.7 136.2 204.2#

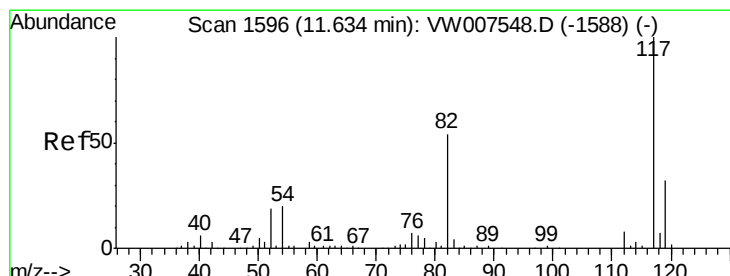
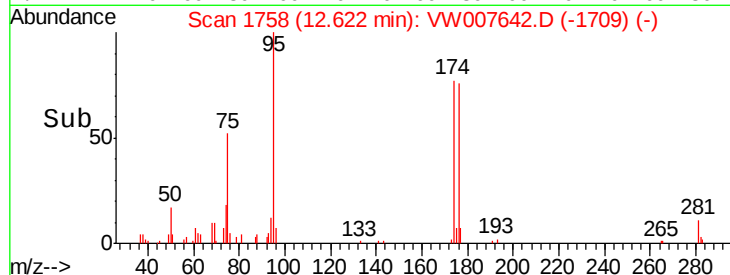
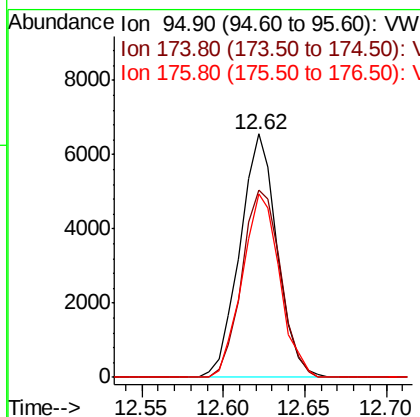
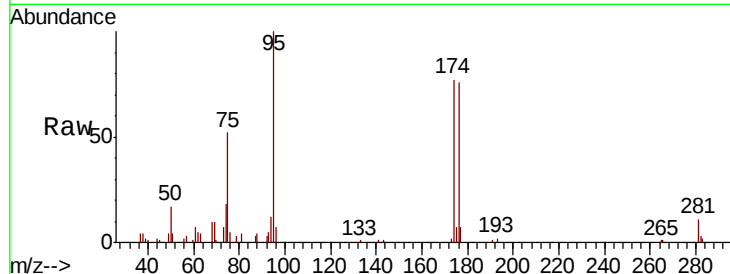




#62
4-Bromofluorobenzene
Concen: 41.670 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007642.D
Acq: 17 Dec 2018 19:50

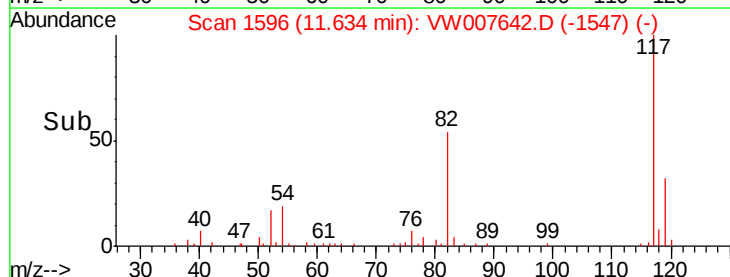
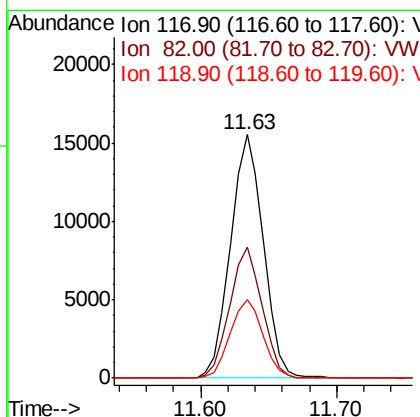
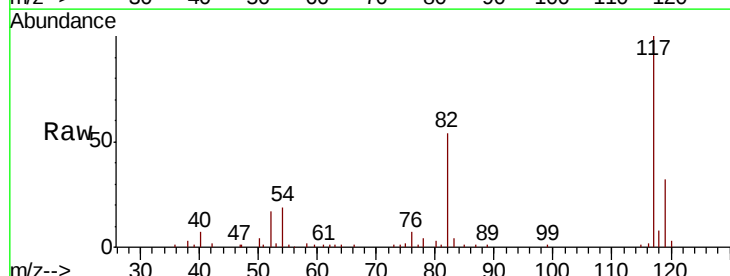
Instrument :
MSVOA_W
ClientSampleId :

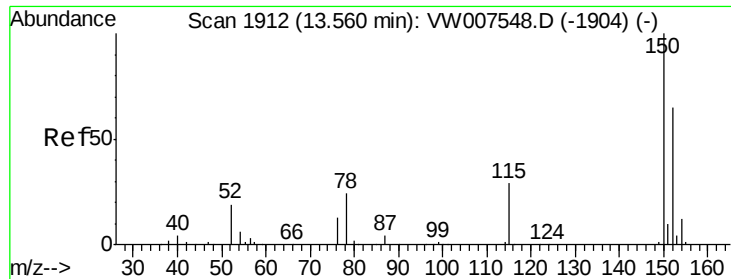
Tot Ion: 95 Resp: 10431
Ion Ratio Lower Upper
95 100
174 79.7 0.0 147.2
176 75.5 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007642.D
Acq: 17 Dec 2018 19:50

Tgt Ion: 117 Resp: 26044
Ion Ratio Lower Upper
117 100
82 53.7 42.3 63.5
119 32.4 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: VW007642.D

Acq: 17 Dec 2018 19:50

Instrument :

MSVOA_W

ClientSampleId :

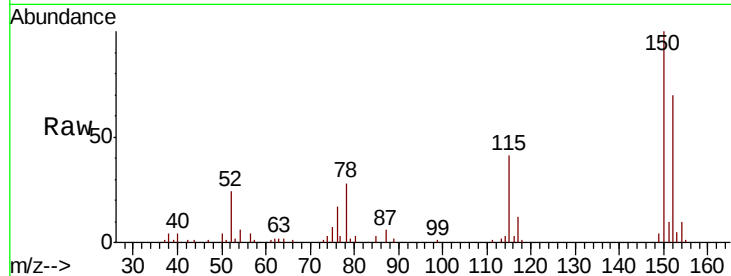
Tot Ion:152 Resp: 9832

Ion Ratio Lower Upper

152 100

115 60.9 31.4 94.2

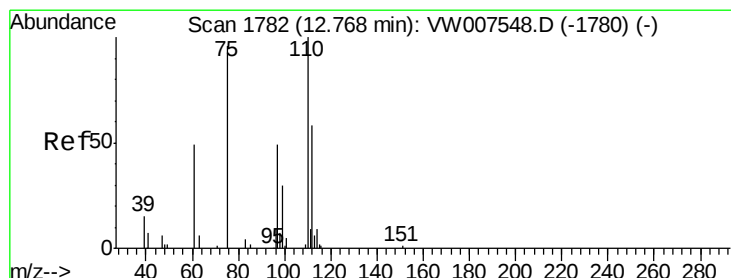
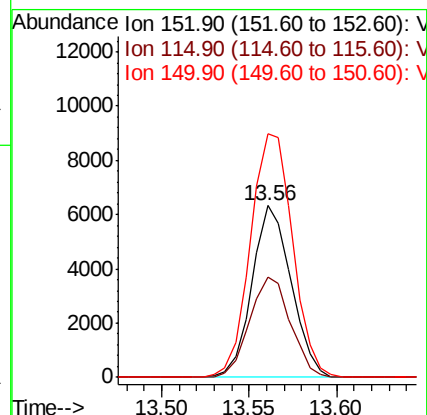
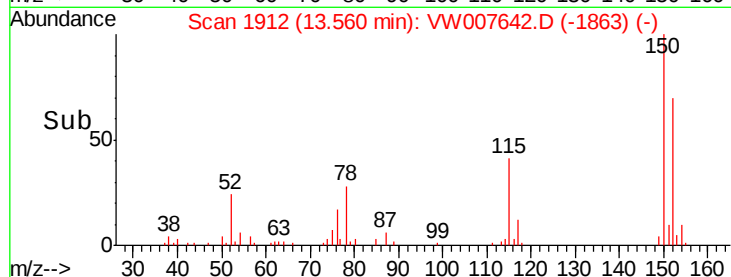
150 153.0 0.0 358.4



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: 67.067 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007642.D

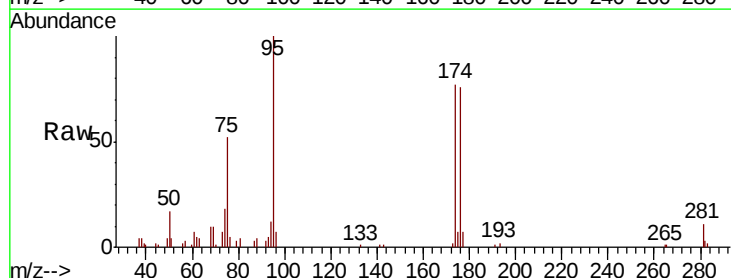
Acq: 17 Dec 2018 19:50

Tgt Ion: 75 Resp: 5437

Ion Ratio Lower Upper

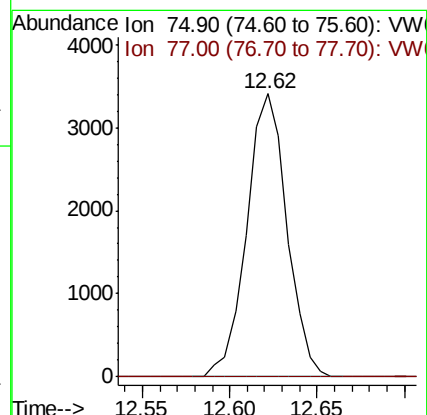
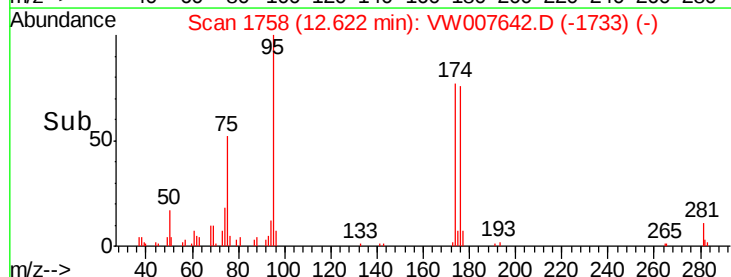
75 100

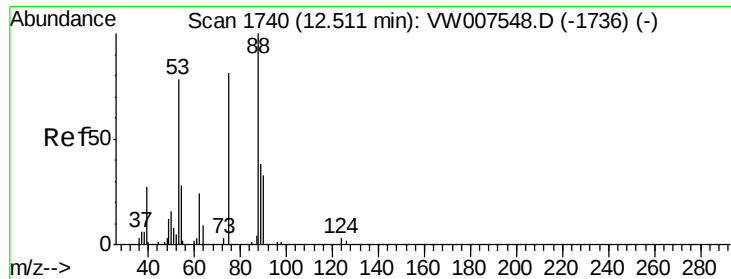
77 0.0 166.9 500.8#



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: 148.153 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007642.D

Acq: 17 Dec 2018 19:50

Instrument :

MSVOA_W

ClientSampleId :

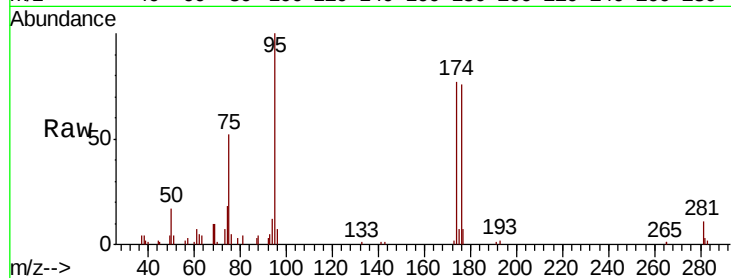
Tot Ion: 75 Resp: 5437

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

