

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015344.D
 Acq On : 24 Apr 2020 15:37
 Operator : SY/VA
 Sample : L2399-01RE
 Misc : 6.17G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 06:50:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

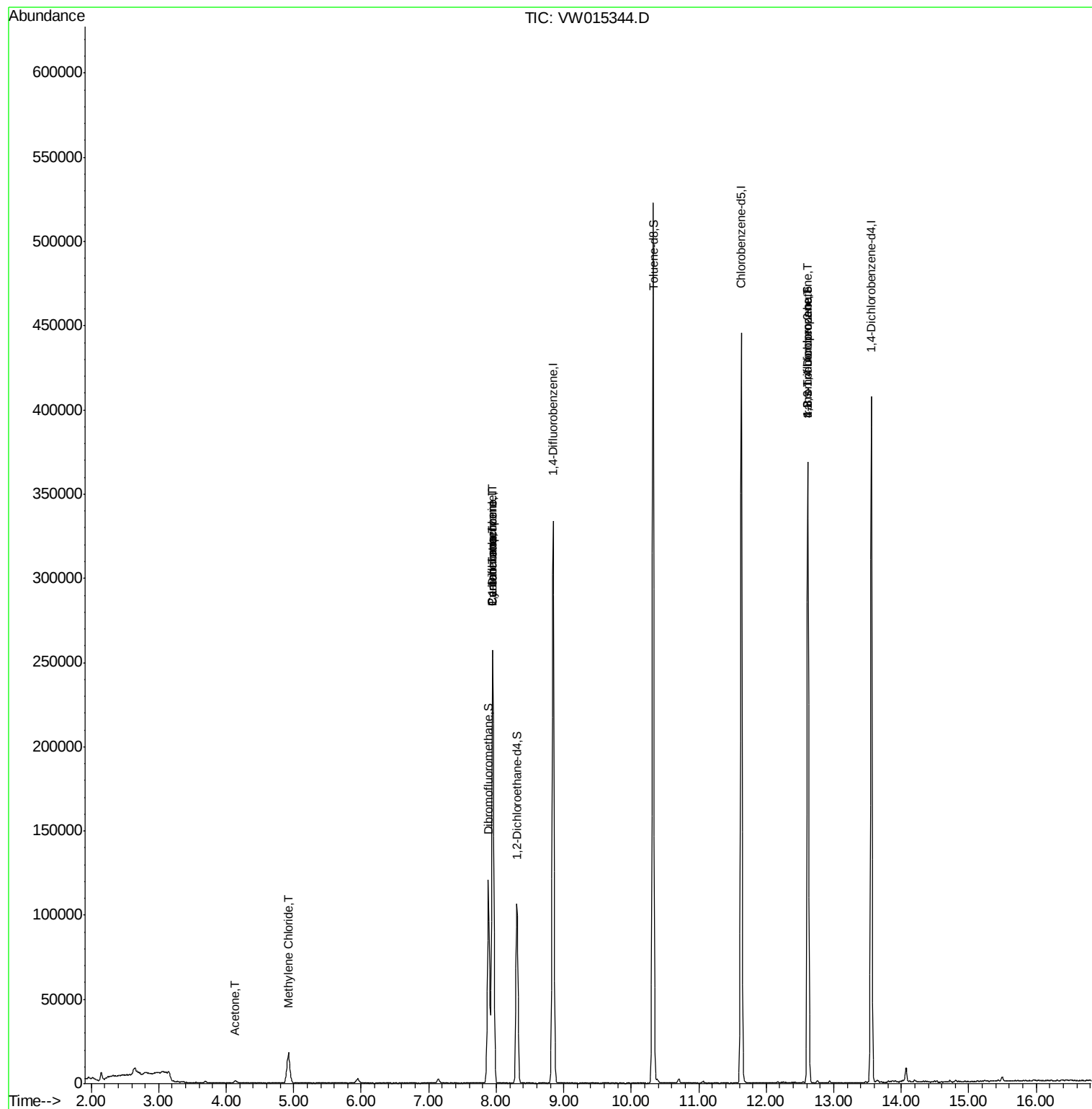
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296203	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	114941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83947	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	7.88	113	85388	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
50) Toluene-d8	10.32	98	355685	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.62	95	115913	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	2968	9.765	ug/l #	88
20) Methylene Chloride	4.92	84	14578	7.319	ug/l	90
31) Cyclohexane	7.94	56	3678	1.143	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13885	5.194	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18828	6.445	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	58789	66.115	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	58789	144.528	ug/l #	15

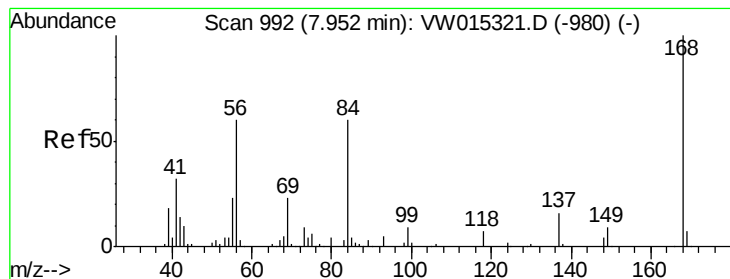
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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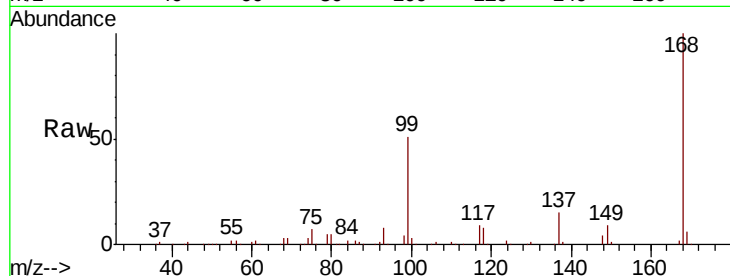




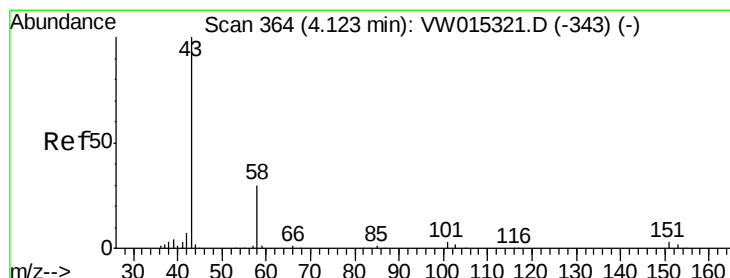
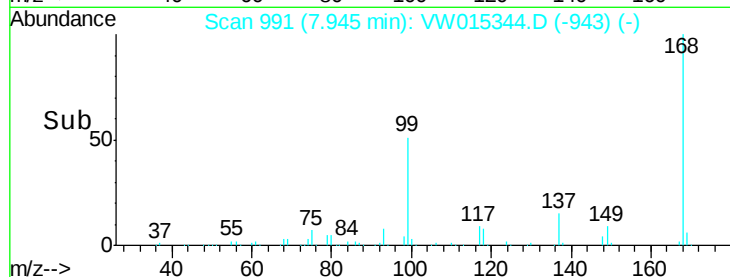
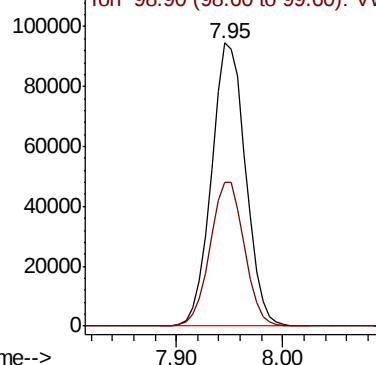
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 212796
Ion Ratio Lower Upper
168 100
99 50.8 48.5 72.7

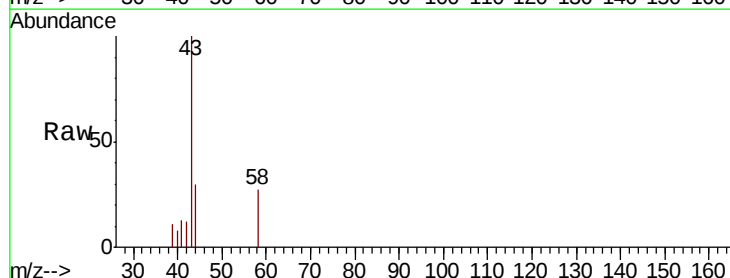


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VW

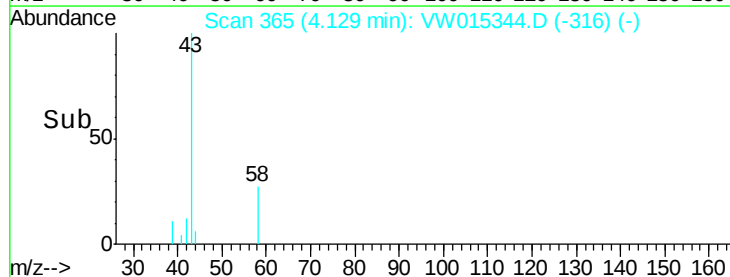
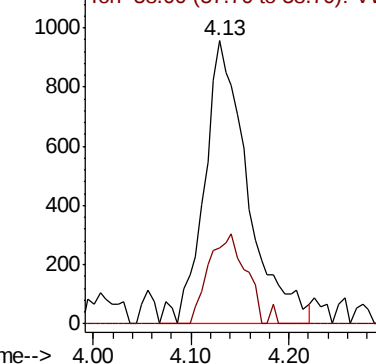


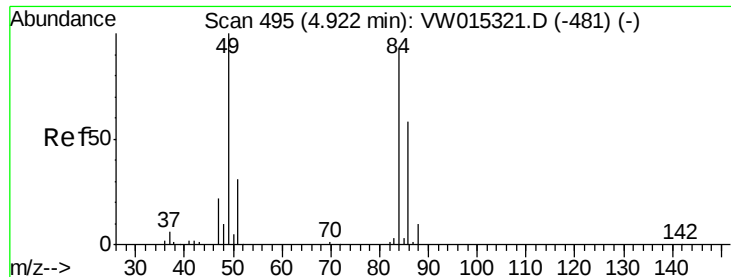
#16
Acetone
Concen: 9.765 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.00 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

Tgt Ion: 43 Resp: 2968
Ion Ratio Lower Upper
43 100
58 26.6 27.0 40.4#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

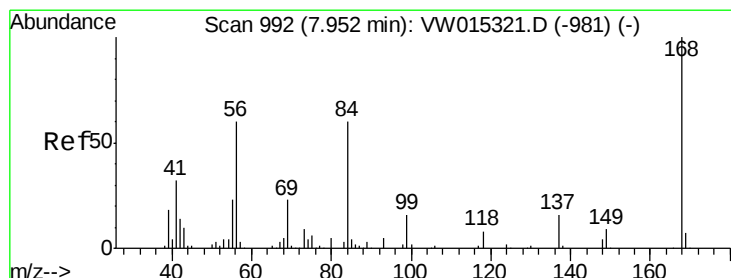
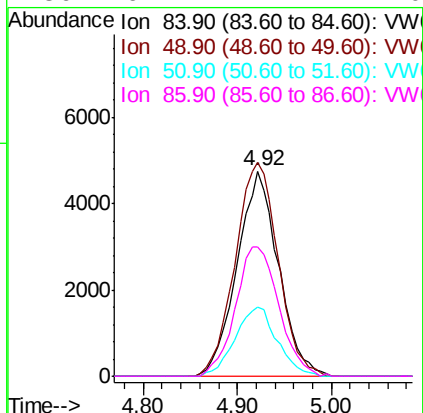
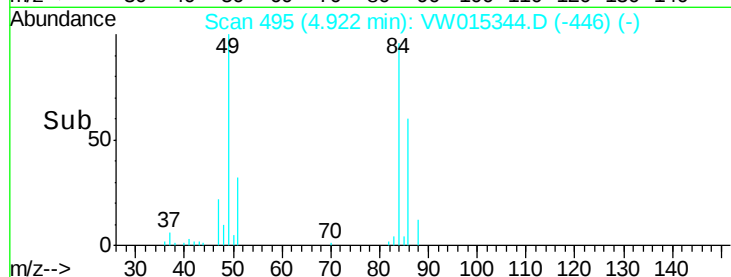
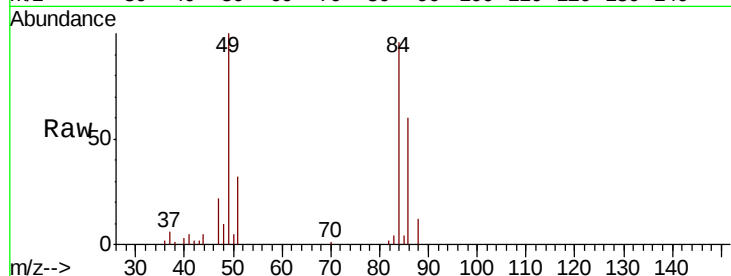




#20
Methvlene Chloride
Concen: 7.319 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

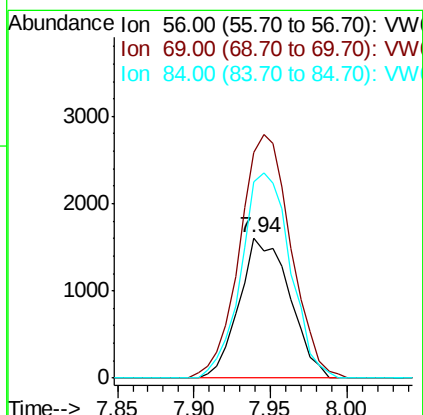
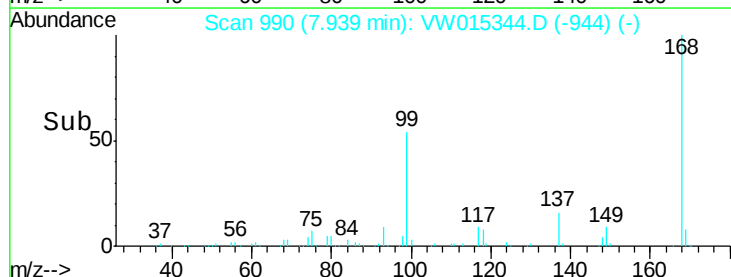
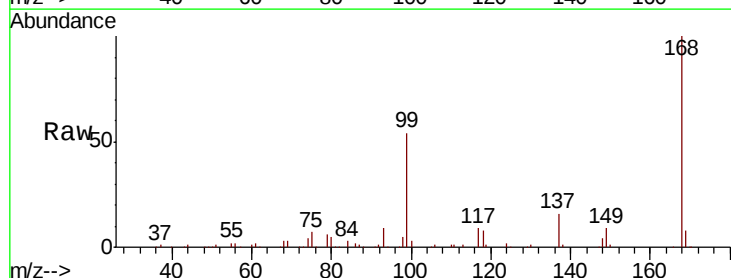
Instrument :
MSVOA_W
ClientSampleId :

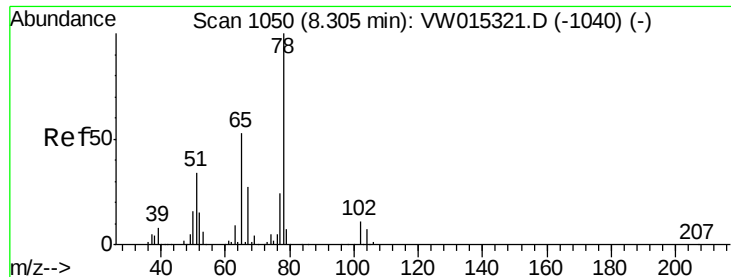
Tot Ion: 84 Resp: 14578
Ion Ratio Lower Upper
84 100
49 104.0 95.4 143.0
51 33.4 29.8 44.8
86 62.7 47.4 71.0



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

Tgt Ion: 56 Resp: 3678
Ion Ratio Lower Upper
56 100
69 161.5 27.1 40.7#
84 140.0 71.9 107.9#

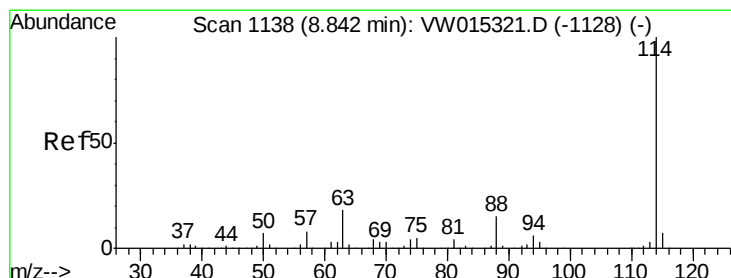
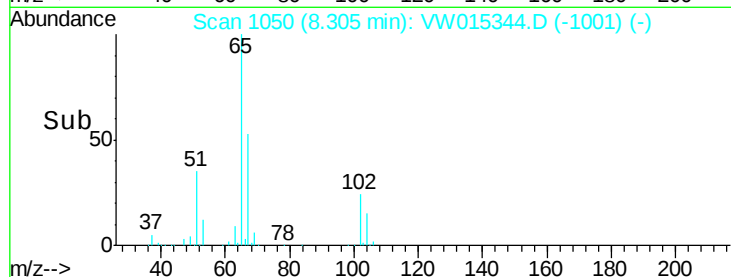
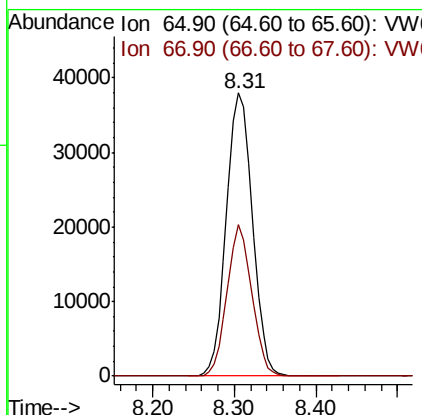
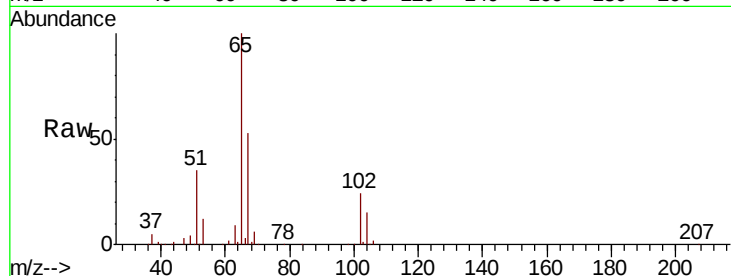




#33
 1,2-Dichloroethane-d4
 Concen: 48.242 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015344.D
 Acq: 24 Apr 2020 15:37

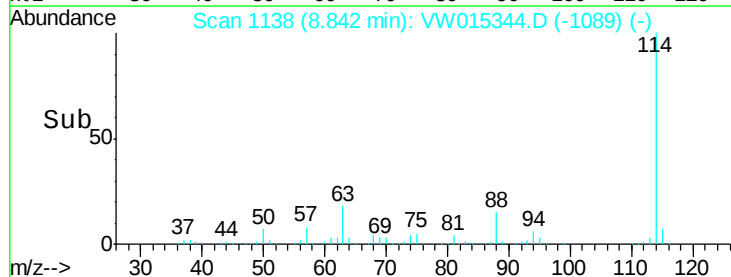
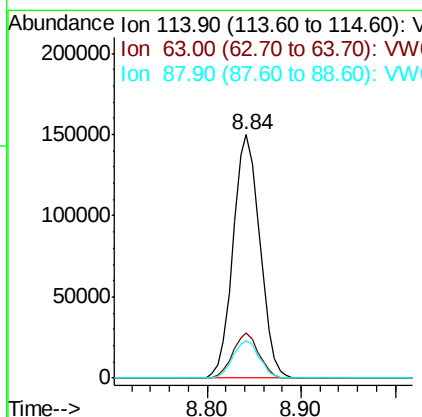
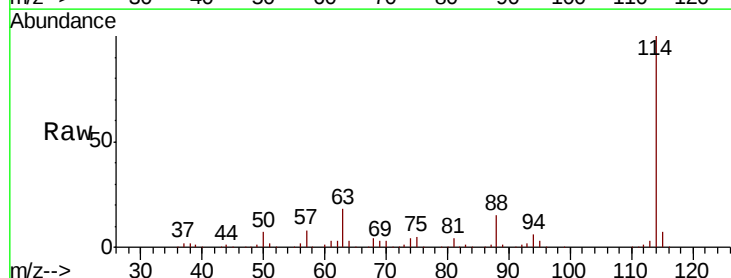
Instrument :
 MSVOA_W
 ClientSampleId :

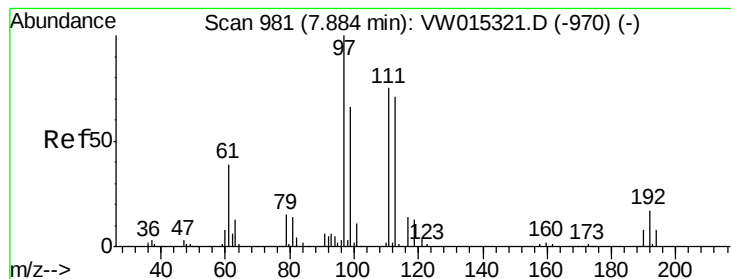
Tot Ion: 65 Resp: 83947
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015344.D
 Acq: 24 Apr 2020 15:37

Tgt Ion: 114 Resp: 296203
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.8
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 52.043 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015344.D

Acq: 24 Apr 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

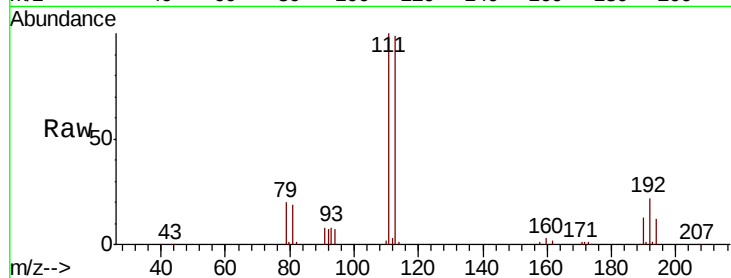
Tot Ion:113 Resp: 85388

Ion Ratio Lower Upper

113 100

111 100.4 83.0 124.4

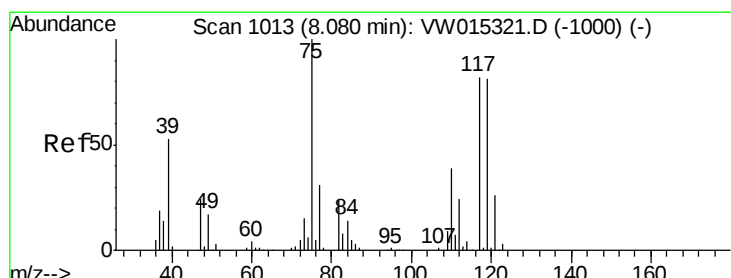
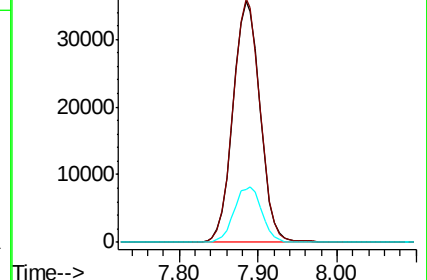
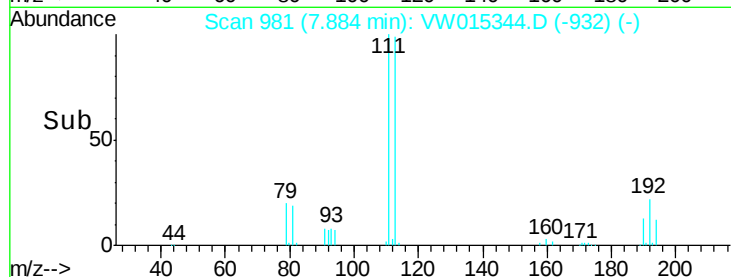
192 23.2 15.1 22.7#



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: 5.194 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015344.D

Acq: 24 Apr 2020 15:37

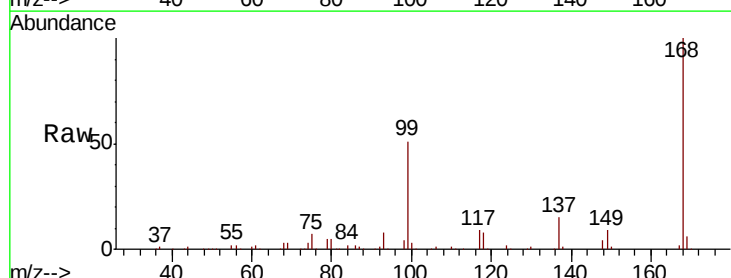
Tgt Ion: 75 Resp: 13885

Ion Ratio Lower Upper

75 100

110 10.0 18.2 54.6#

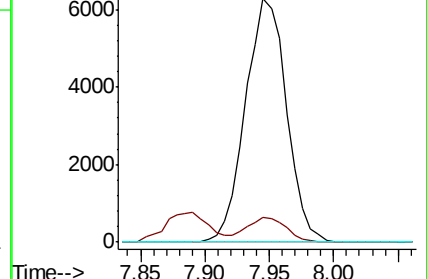
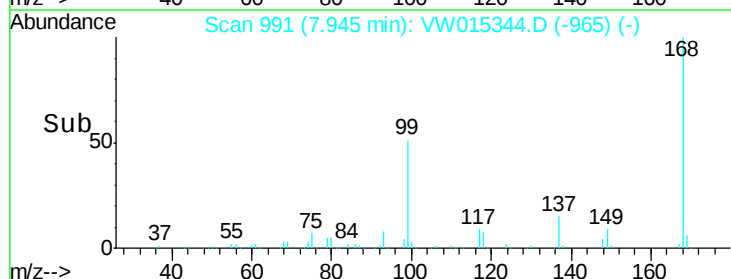
77 0.0 24.5 36.7#

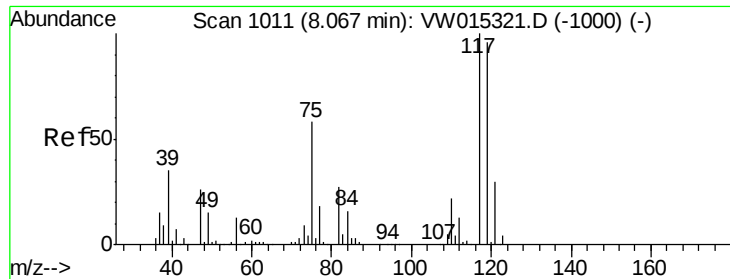


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

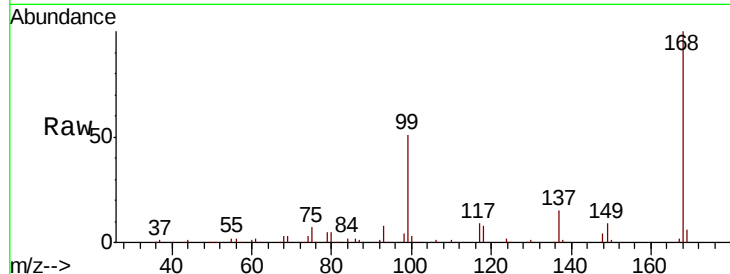




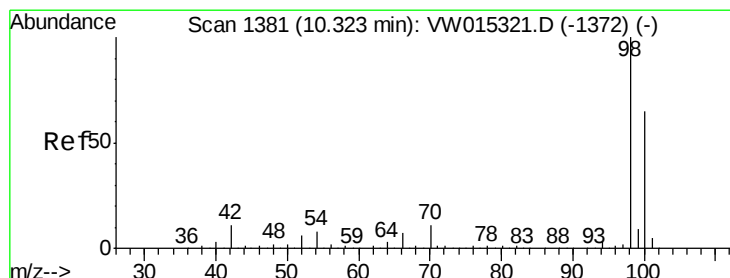
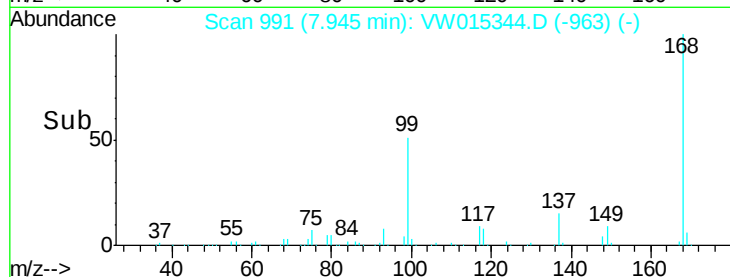
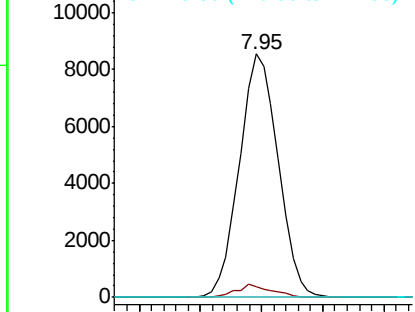
#38
Carbon Tetrachloride
Concen: 6.445 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 18828
Ion Ratio Lower Upper
117 100
119 4.3 72.3 108.5#
121 0.0 23.7 35.5#

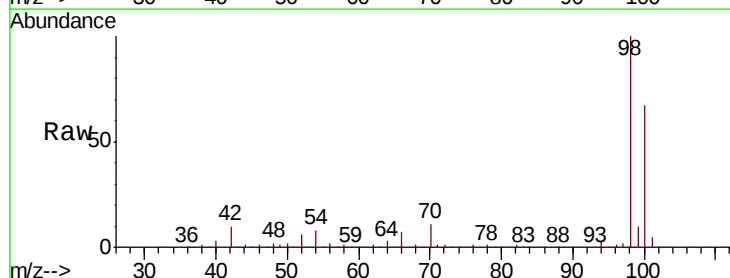


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

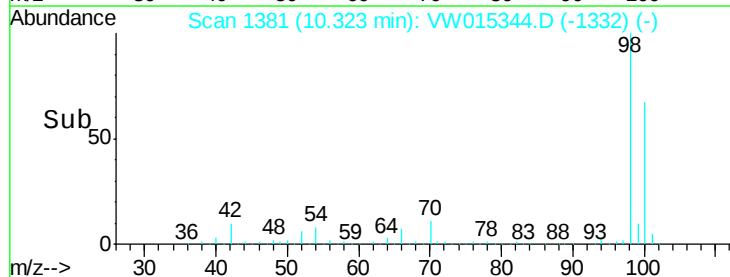
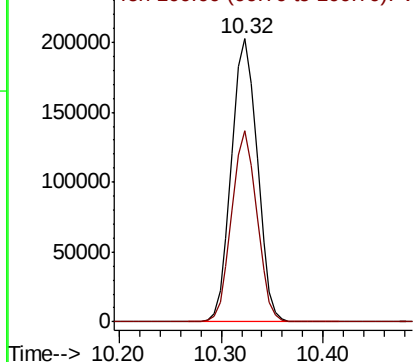


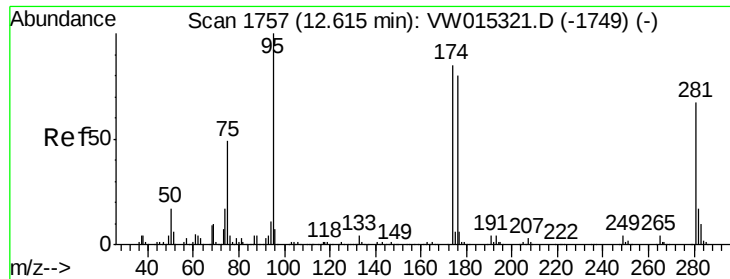
#50
Toluene-d8
Concen: 51.533 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

Tgt Ion: 98 Resp: 355685
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



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

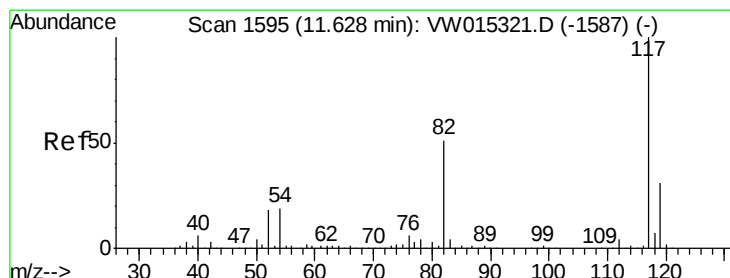
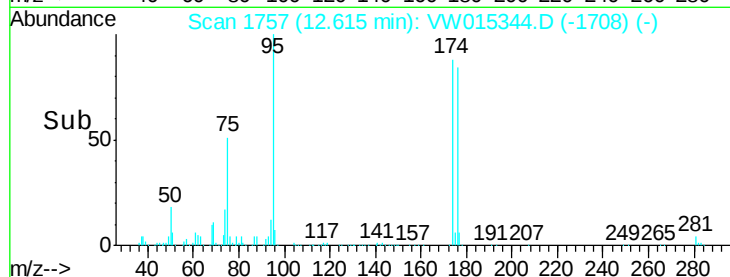
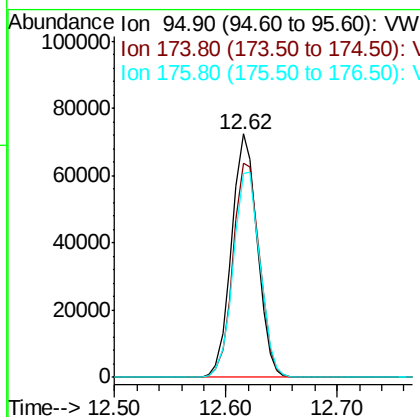
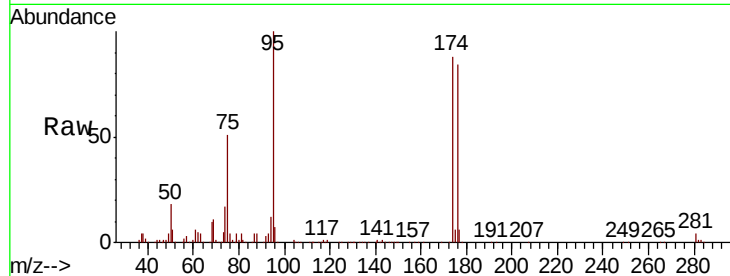




#62
4-Bromofluorobenzene
Concen: 44.016 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

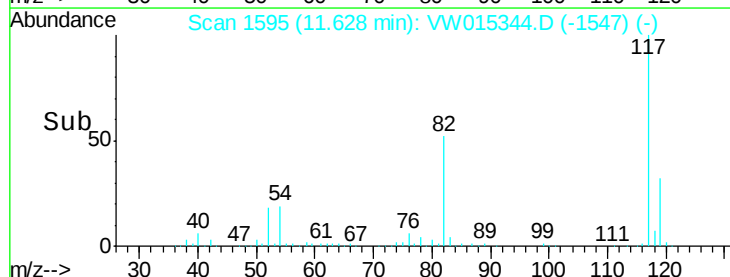
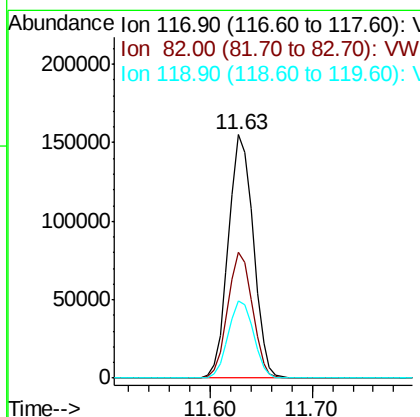
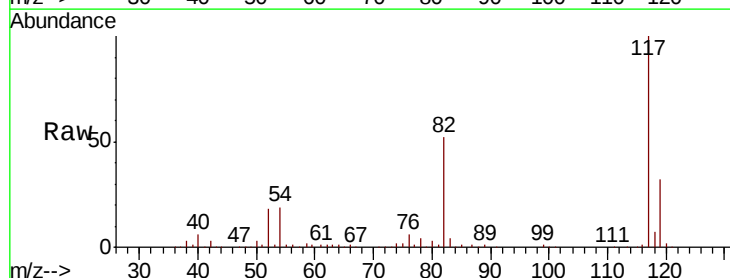
Instrument :
MSVOA_W
ClientSampleId :

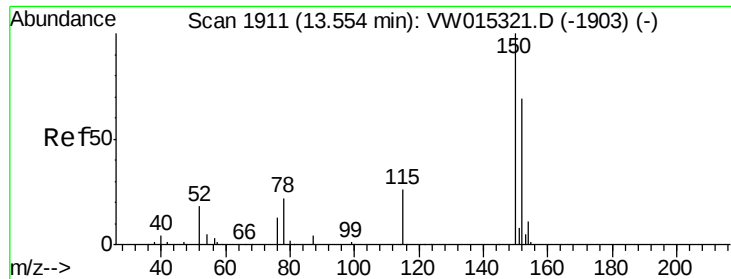
Tot Ion: 95 Resp: 115913
Ion Ratio Lower Upper
95 100
174 90.8 0.0 144.4
176 87.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

Tgt Ion: 117 Resp: 262010
Ion Ratio Lower Upper
117 100
82 51.5 44.1 66.1
119 31.9 24.9 37.3



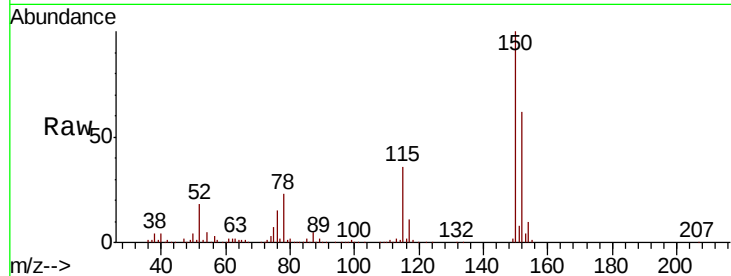


#72

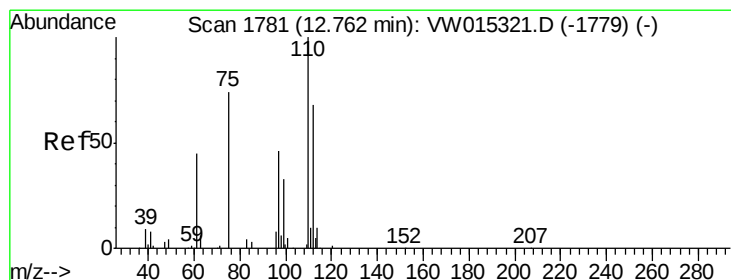
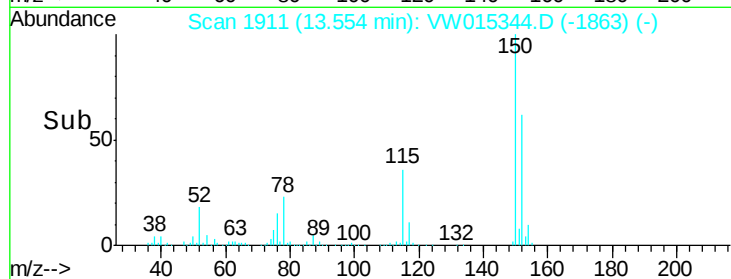
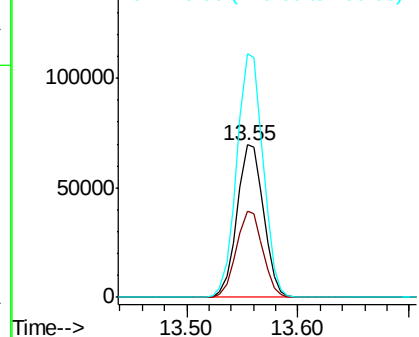
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:152 Resp: 114941
Ion Ratio Lower Upper
152 100
115 56.1 31.3 93.9
150 158.7 0.0 343.4



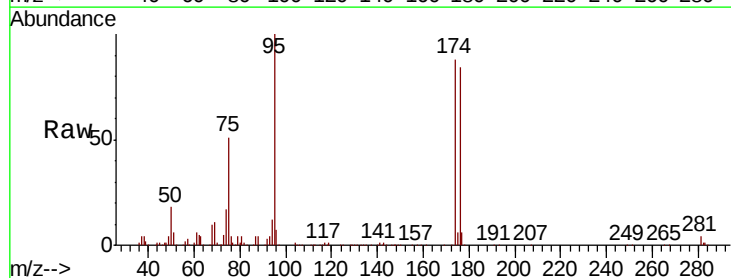
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



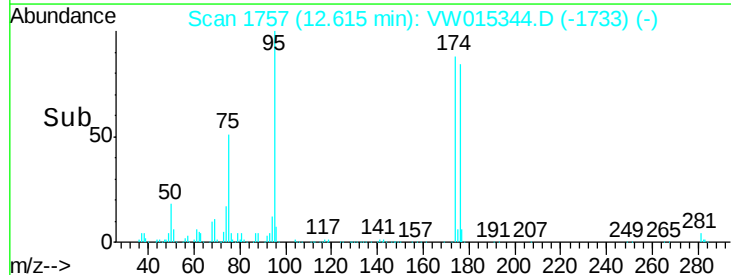
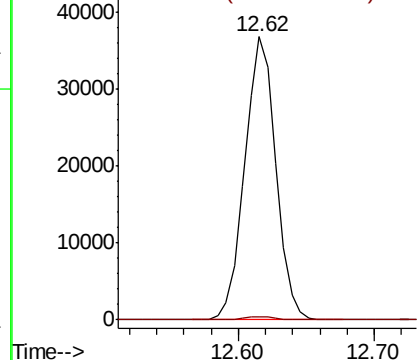
#76

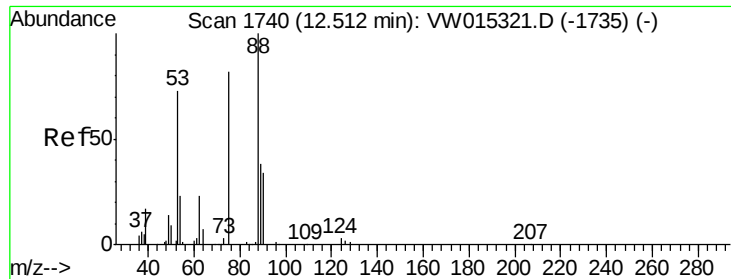
1,2,3-Trichloropropane
Concen: 66.115 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015344.D
Acq: 24 Apr 2020 15:37

Tgt Ion: 75 Resp: 58789
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



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: 144.528 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015344.D

Acq: 24 Apr 2020 15:37

Instrument :

MSVOA_W

ClientSampleId :

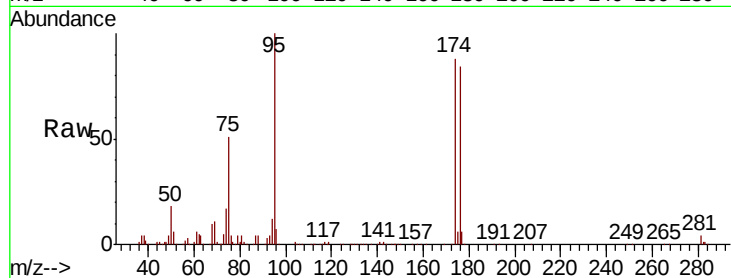
Tot Ion: 75 Resp: 58789

Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#



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

