

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015291.D
 Acq On : 22 Apr 2020 04:24
 Operator : SY/VA
 Sample : L2342-08
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:08:50 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

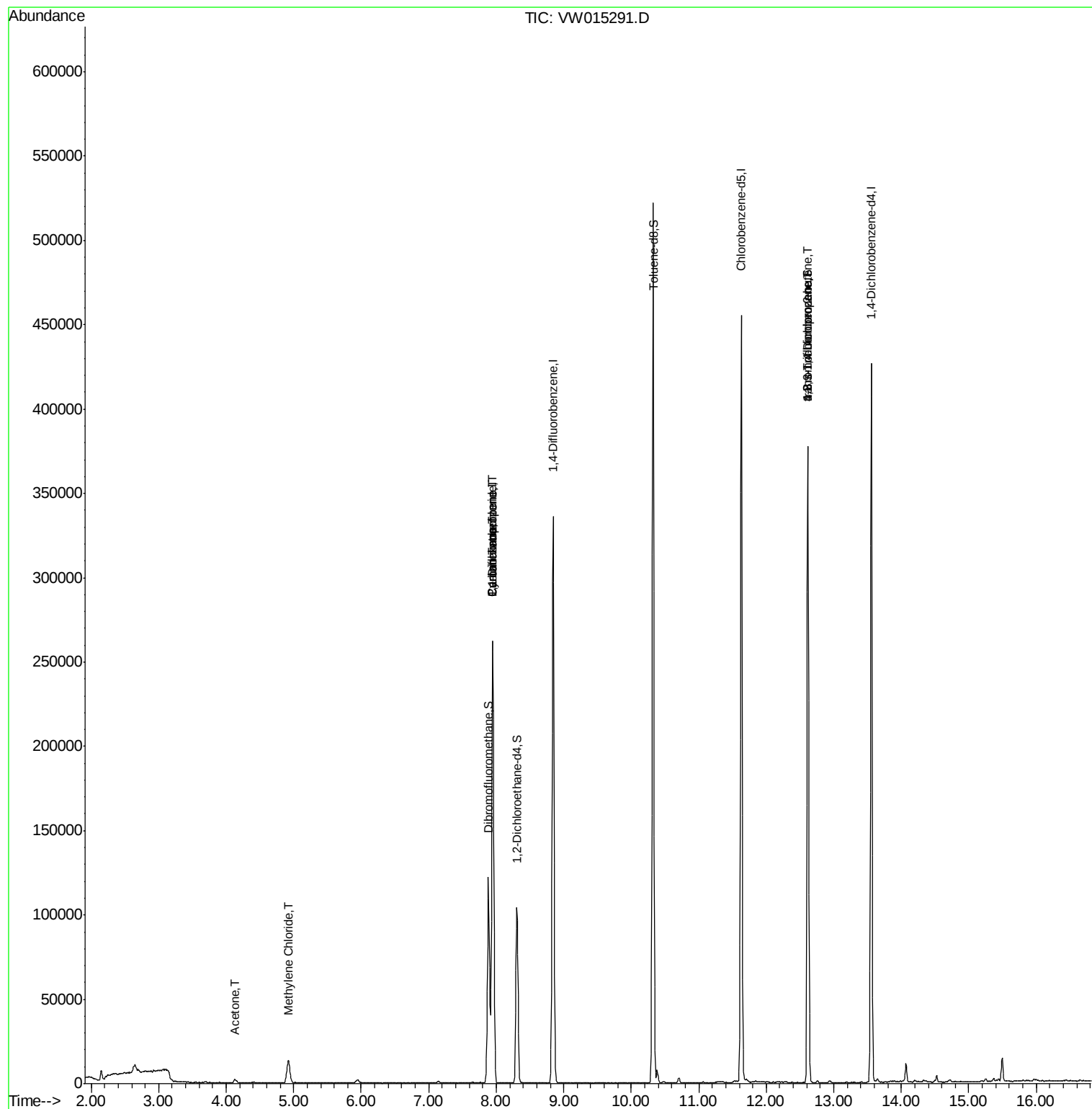
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	120784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82104	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	7.88	113	83851	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	10.32	98	356817	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.62	95	116228	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	4018	12.919	ug/l	98
20) Methylene Chloride	4.92	84	11649	5.715	ug/l #	88
31) Cyclohexane	7.95	56	3999	1.214	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	13716	5.117	ug/l #	49
38) Carbon Tetrachloride	7.95	117	18938	6.465	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	59168	63.322	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	59168	138.423	ug/l #	15

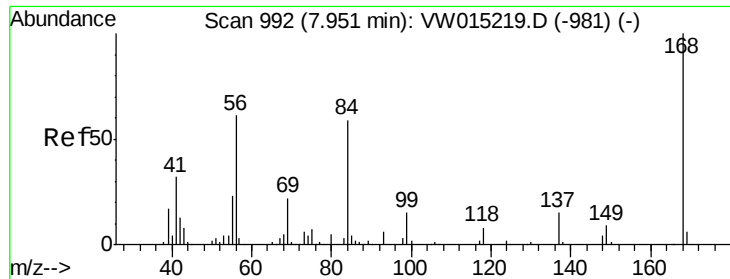
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
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: VW015291.D

Acq: 22 Apr 2020 04:24

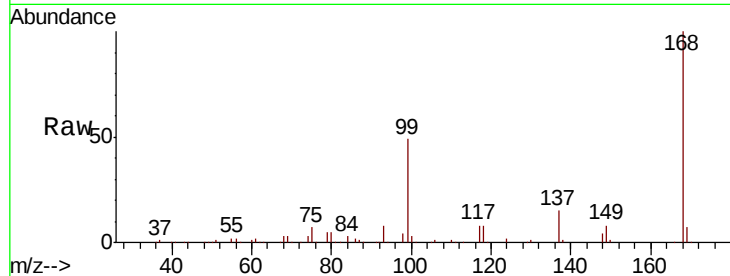
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 217745

Ion Ratio Lower Upper

168 100

99 48.8 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

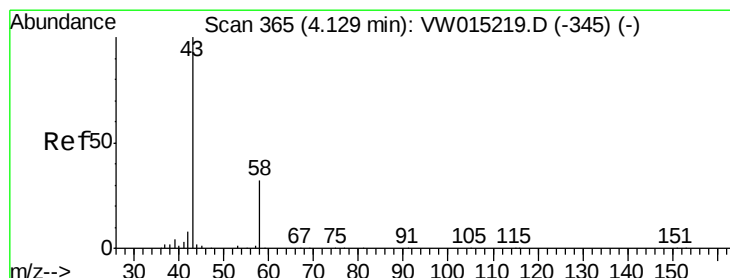
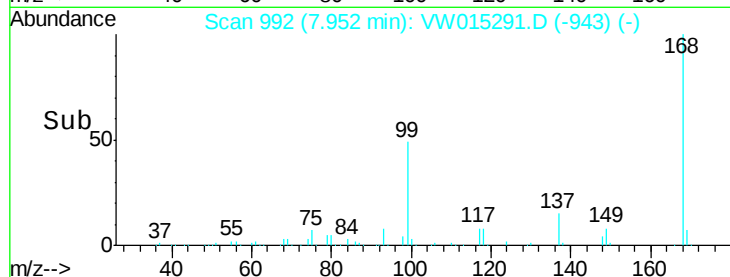
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 12.919 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015291.D

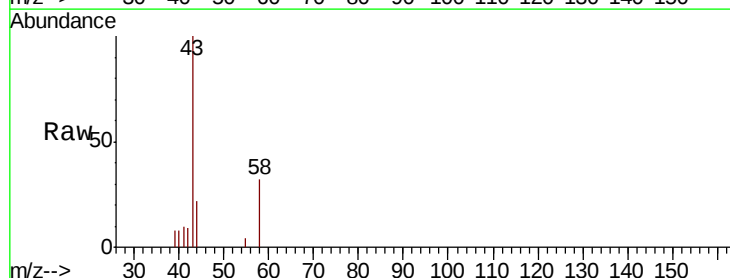
Acq: 22 Apr 2020 04:24

Tgt Ion: 43 Resp: 4018

Ion Ratio Lower Upper

43 100

58 32.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

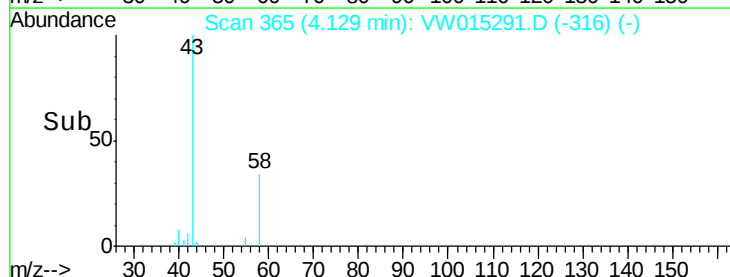
1500

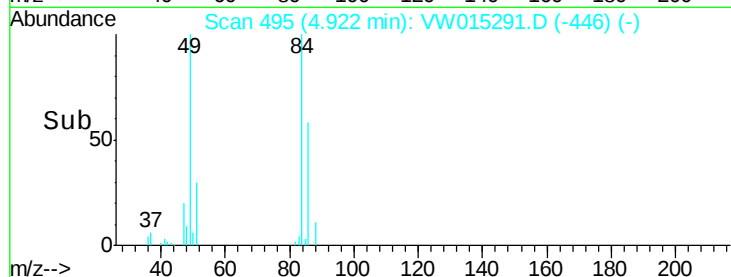
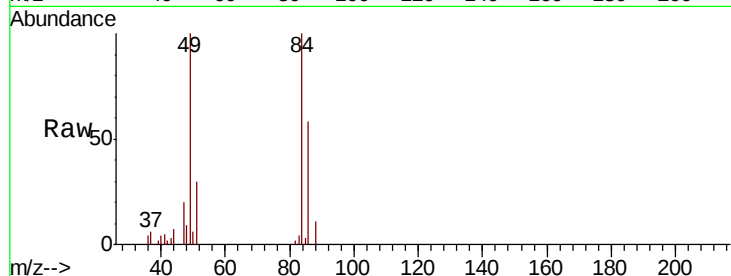
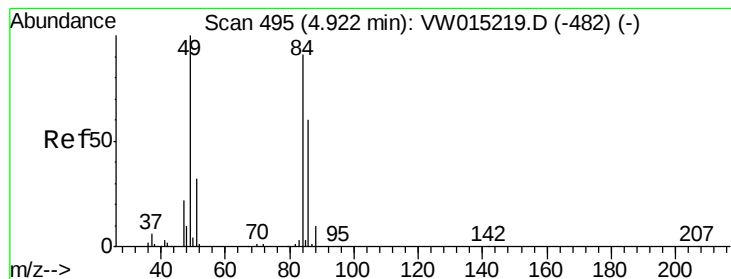
1000

500

0

Time--> 4.10 4.20





#20

Methvlene Chloride

Concen: 5.715 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW015291.D

Acq: 22 Apr 2020 04:24

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 11649

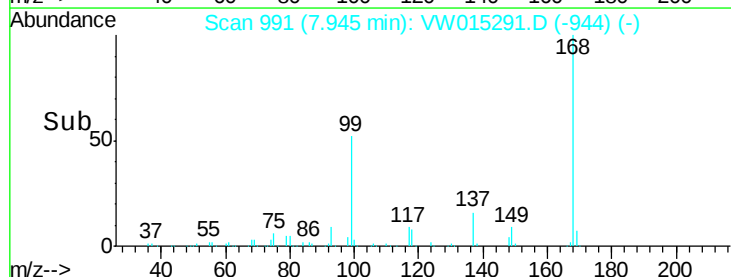
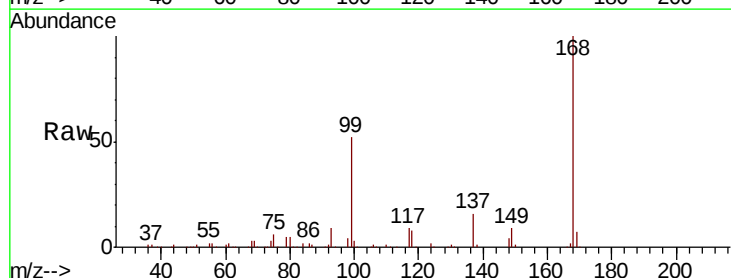
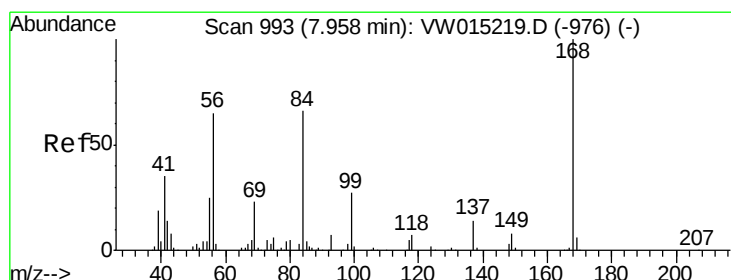
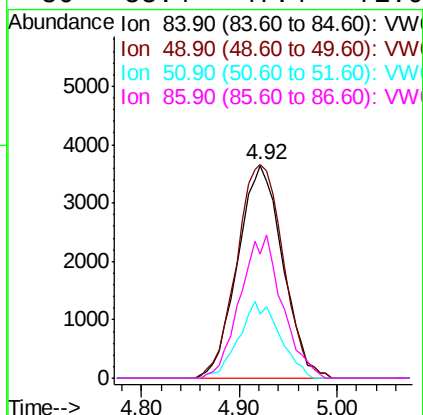
Ion Ratio Lower Upper

84 100

49 100.2 95.4 143.0

51 29.8 29.8 44.8#

86 58.4 47.4 71.0



#31

Cyclohexane

Concen: 1.214 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015291.D

Acq: 22 Apr 2020 04:24

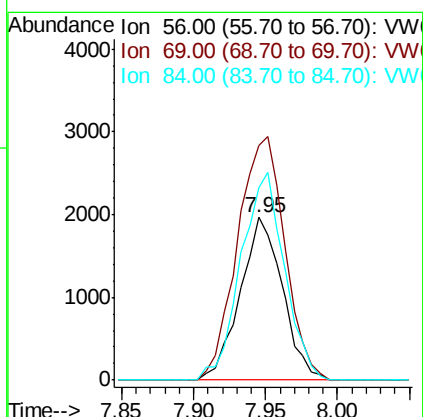
Tgt Ion: 56 Resp: 3999

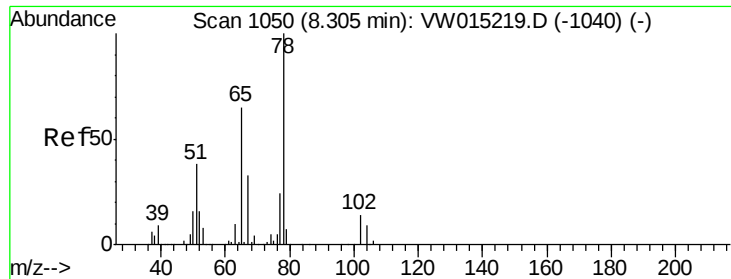
Ion Ratio Lower Upper

56 100

69 144.4 27.1 40.7#

84 118.3 71.9 107.9#

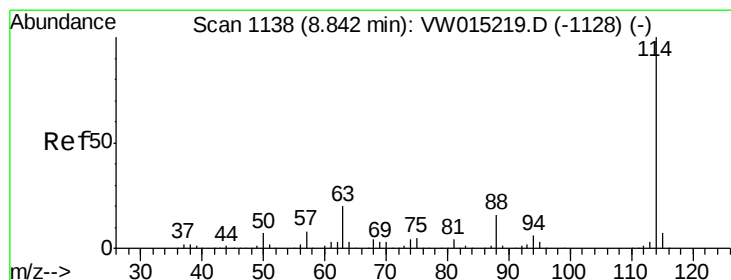
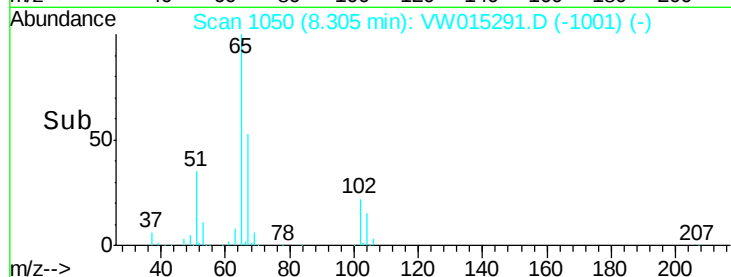
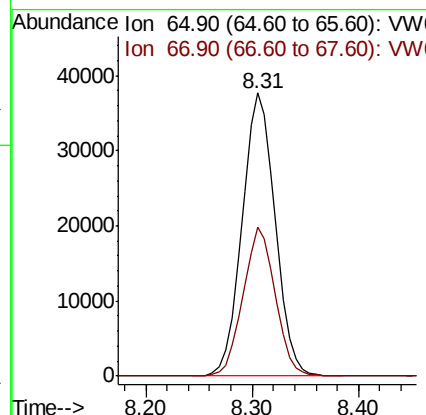
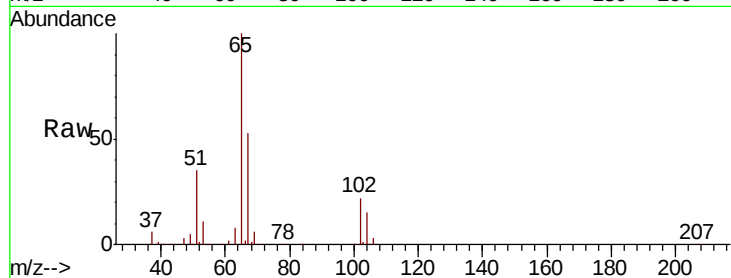




#33
 1,2-Dichloroethane-d4
 Concen: 46.110 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015291.D
 Acq: 22 Apr 2020 04:24

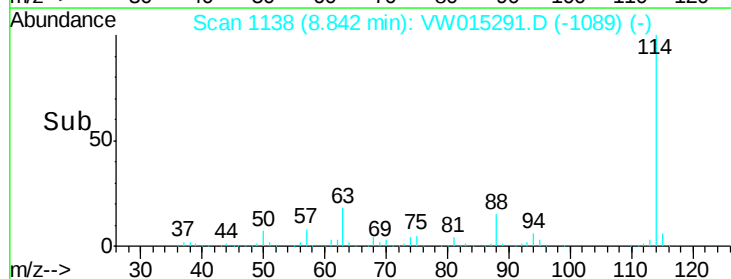
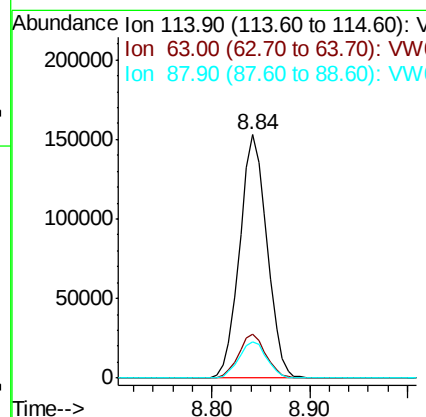
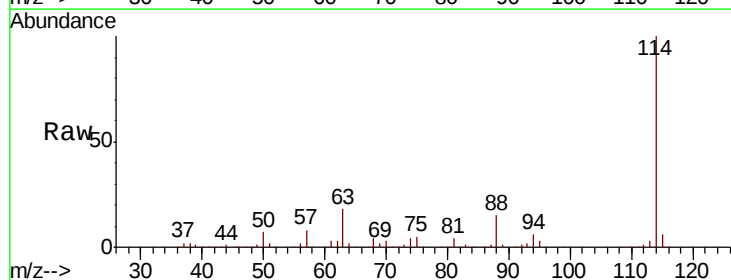
Instrument :
 MSVOA_W
 ClientSampleId :

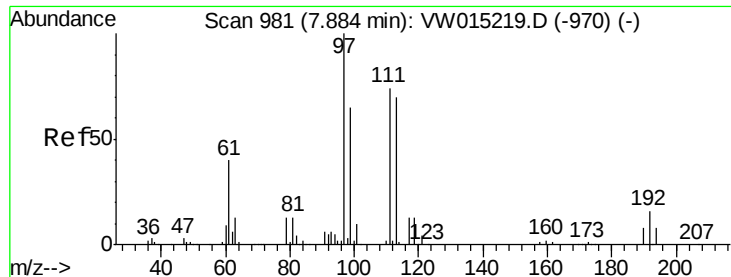
Tot Ion: 65 Resp: 82104
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015291.D
 Acq: 22 Apr 2020 04:24

Tgt Ion: 114 Resp: 296975
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 14.9 0.0 30.2

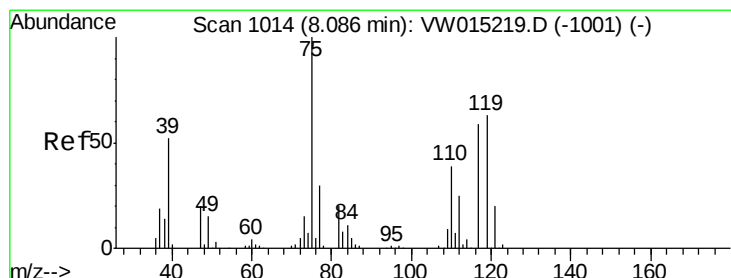
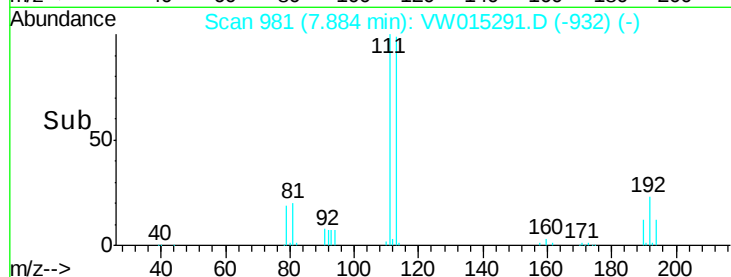
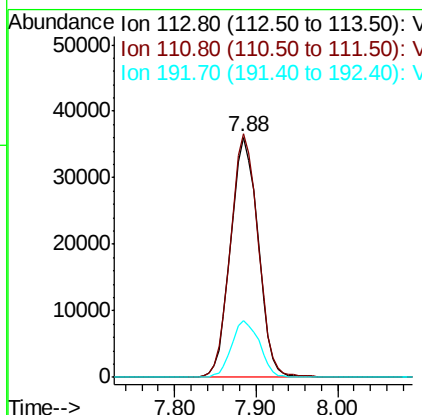
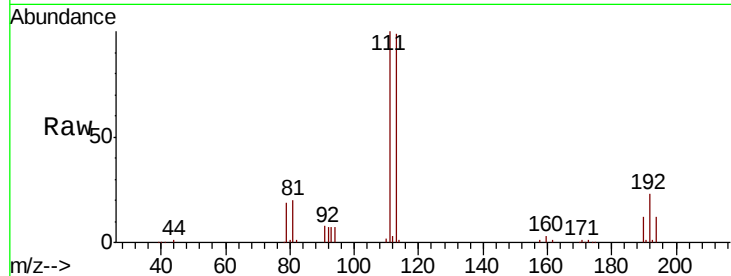




#35
 Dibromofluoromethane
 Concen: 50.973 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015291.D
 Acq: 22 Apr 2020 04:24

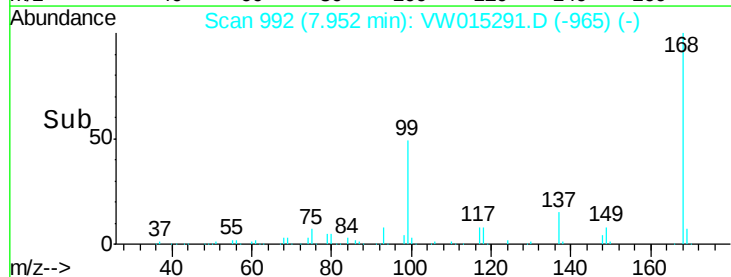
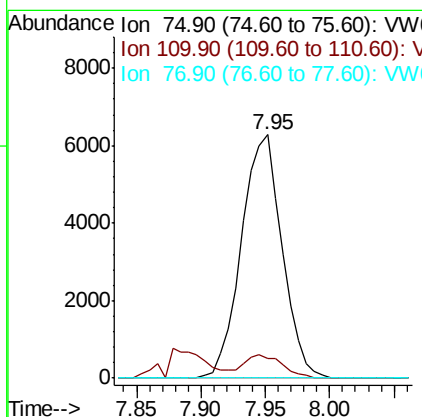
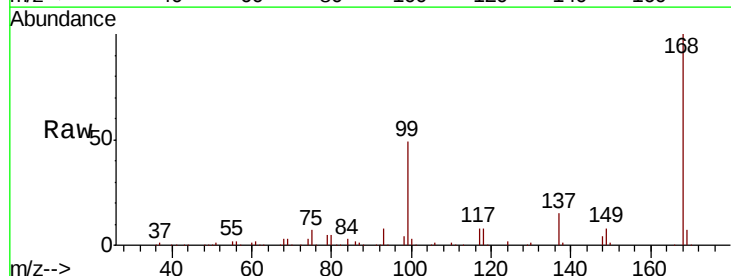
Instrument :
 MSVOA_W
 ClientSampleId :

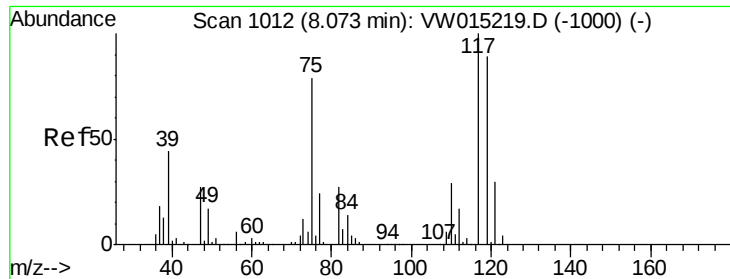
Tot Ion:113 Resp: 83851
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.0 124.4
 192 23.7 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 5.117 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015291.D
 Acq: 22 Apr 2020 04:24

Tgt Ion: 75 Resp: 13716
 Ion Ratio Lower Upper
 75 100
 110 9.2 18.2 54.6#
 77 0.0 24.5 36.7#

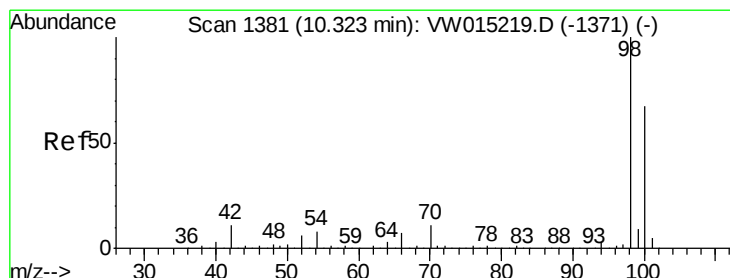
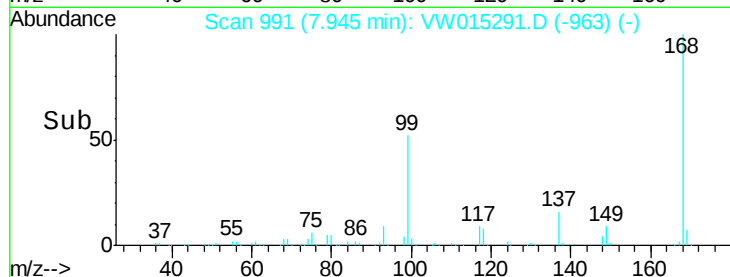
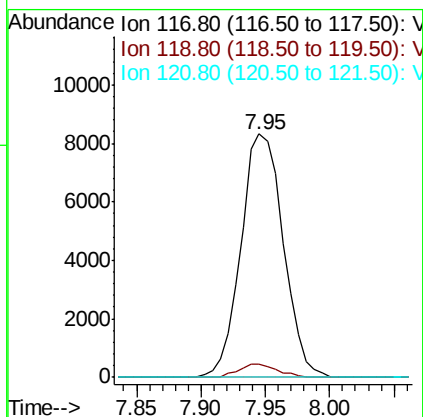
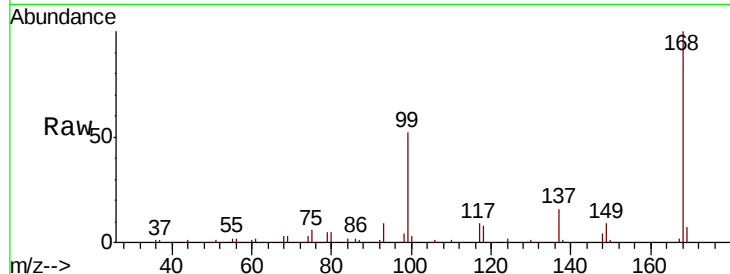




#38
Carbon Tetrachloride
Concen: 6.465 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW015291.D
Acq: 22 Apr 2020 04:24

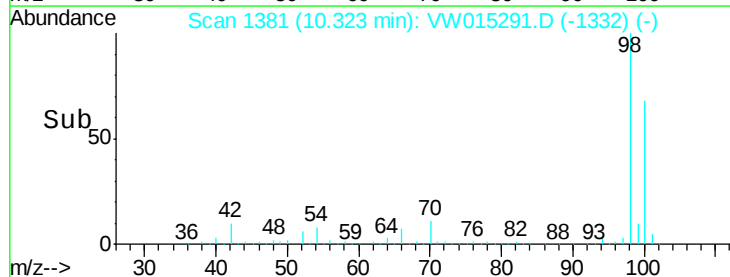
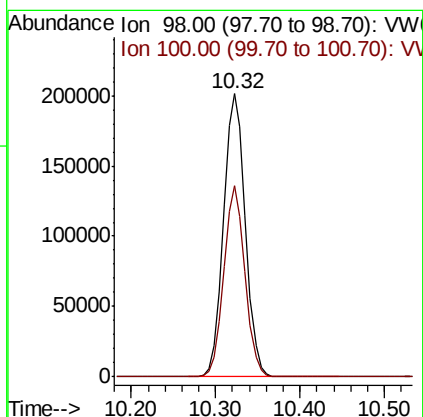
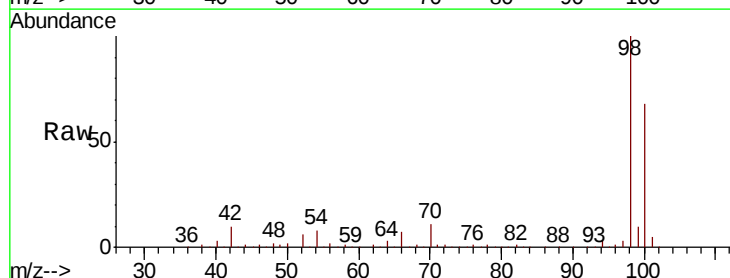
Instrument :
MSVOA_W
ClientSampled :

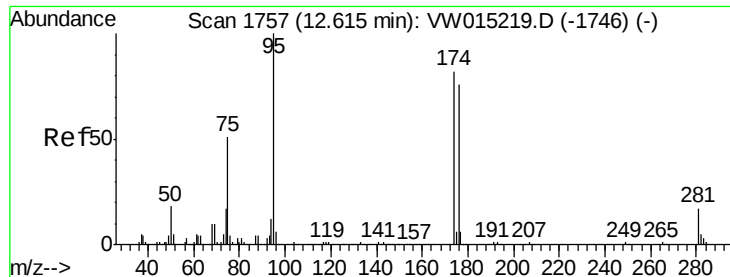
Tot Ion:117 Resp: 18938
Ion Ratio Lower Upper
117 100
119 5.5 72.3 108.5#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.563 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015291.D
Acq: 22 Apr 2020 04:24

Tgt Ion: 98 Resp: 356817
Ion Ratio Lower Upper
98 100
100 65.6 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 44.021 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015291.D

Acq: 22 Apr 2020 04:24

Instrument :

MSVOA_W

ClientSampleId :

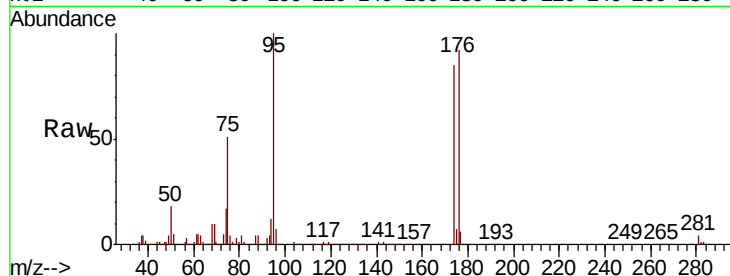
Tot Ion: 95 Resp: 116228

Ion Ratio Lower Upper

95 100

174 92.2 0.0 144.4

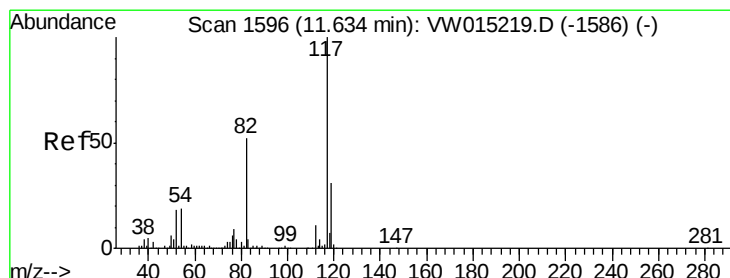
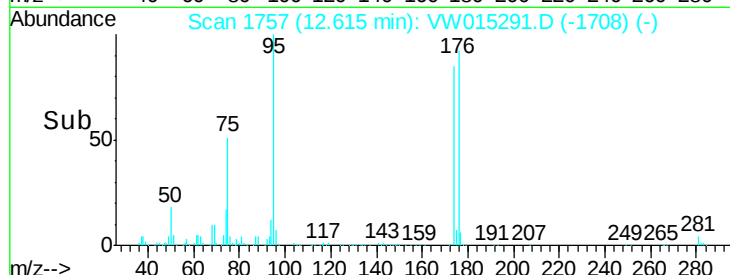
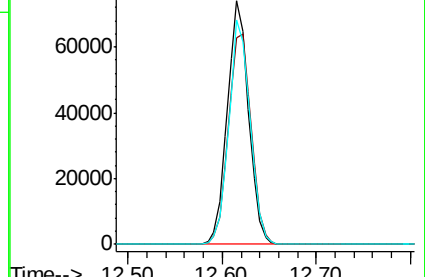
176 91.6 0.0 140.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015291.D

Acq: 22 Apr 2020 04:24

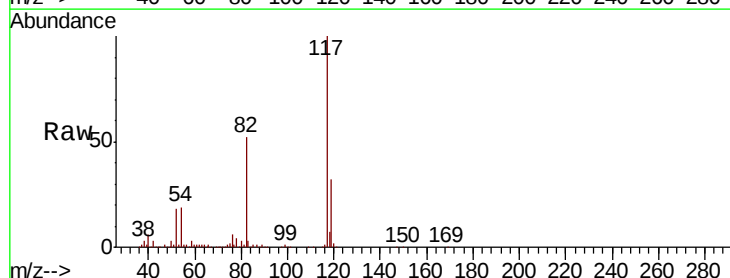
Tgt Ion: 117 Resp: 266282

Ion Ratio Lower Upper

117 100

82 52.3 44.1 66.1

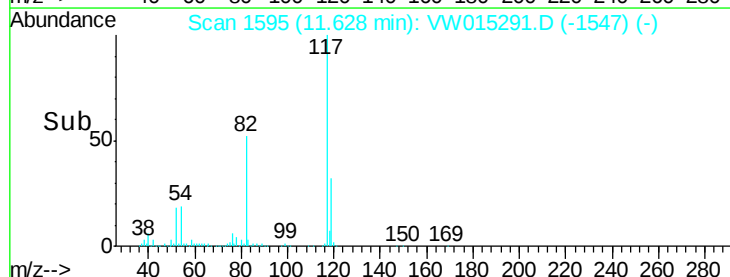
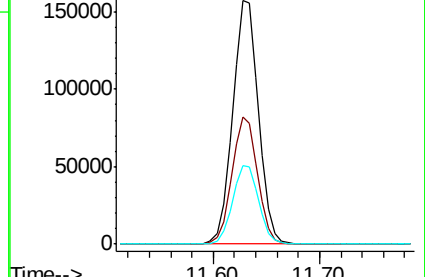
119 32.2 24.9 37.3

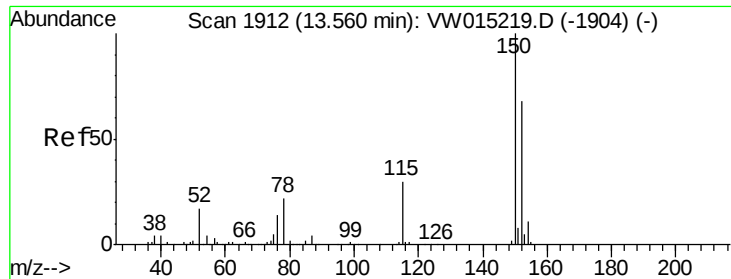


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



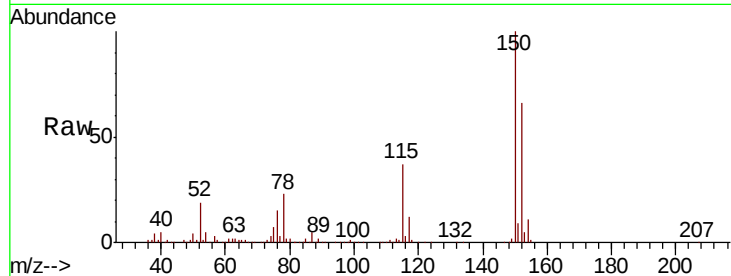


#72

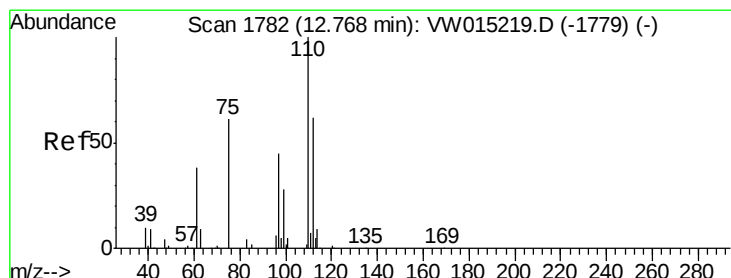
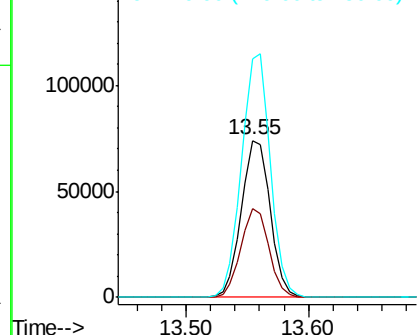
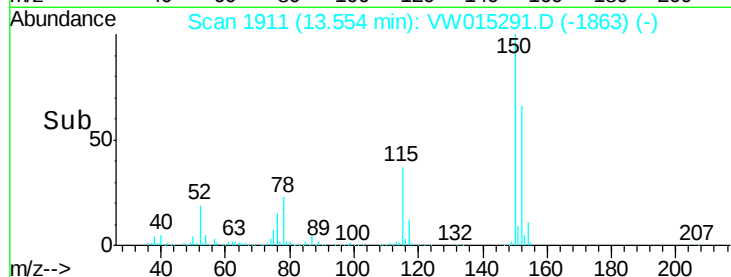
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015291.D
Acq: 22 Apr 2020 04:24

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 120784
Ion Ratio Lower Upper
152 100
115 55.4 31.3 93.9
150 154.8 0.0 343.4



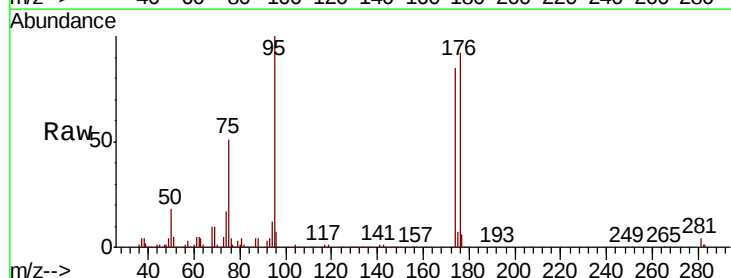
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



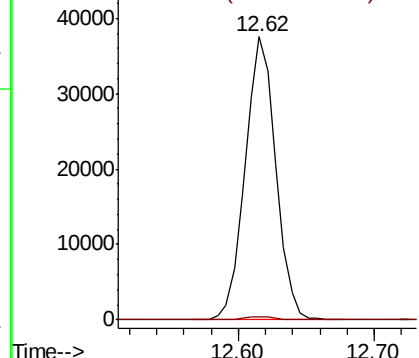
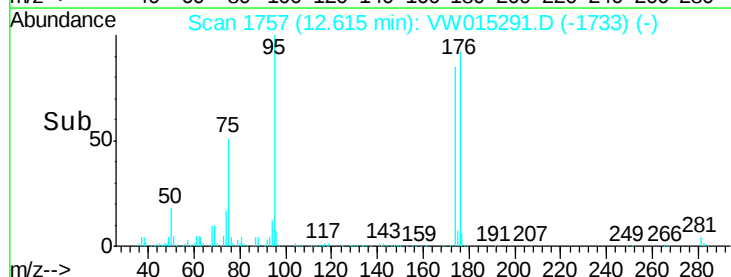
#76

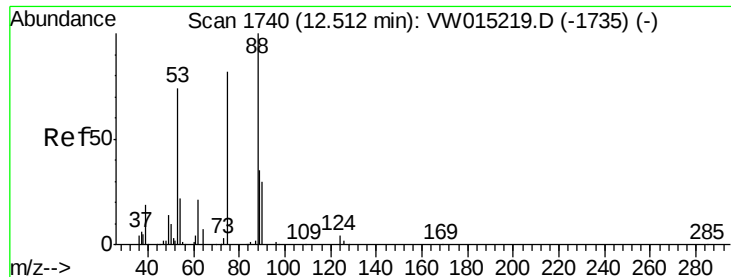
1,2,3-Trichloropropane
Concen: 63.322 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW015291.D
Acq: 22 Apr 2020 04:24

Tgt Ion: 75 Resp: 59168
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: 138.423 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015291.D

Acq: 22 Apr 2020 04:24

Instrument :

MSVOA_W

ClientSampleId :

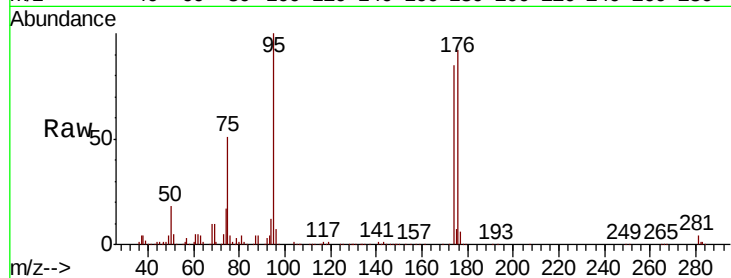
Tot Ion: 75 Resp: 59168

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

