

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015259.D
 Acq On : 21 Apr 2020 13:51
 Operator : SY/VA
 Sample : L2346-06RE
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 05:56:25 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

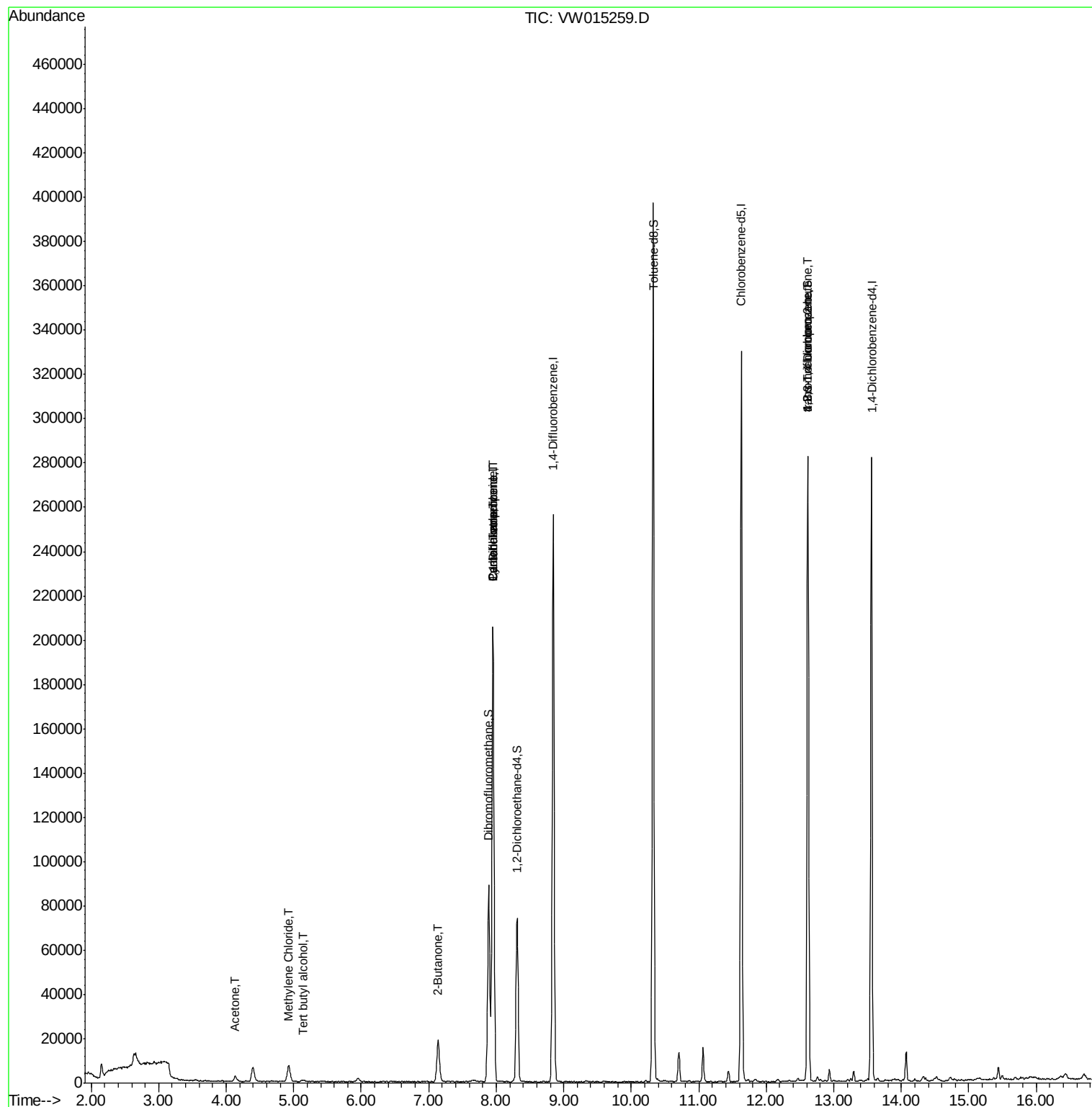
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	167440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	231207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	198073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57930	42.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.62%	
35) Dibromofluoromethane	7.89	113	63255	49.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.78%	
50) Toluene-d8	10.32	98	270574	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.62	95	84737	41.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.44%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.13	59	115	1.030	ug/l #	1
16) Acetone	4.14	43	4412	18.448	ug/l	95
20) Methylene Chloride	4.93	84	6134	3.914	ug/l #	89
25) 2-Butanone	7.13	43	984	3.101	ug/l #	48
31) Cyclohexane	7.95	56	3173	1.253	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	10605	5.082	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14920	6.543	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	41733	66.785	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	41733	145.993	ug/l #	15

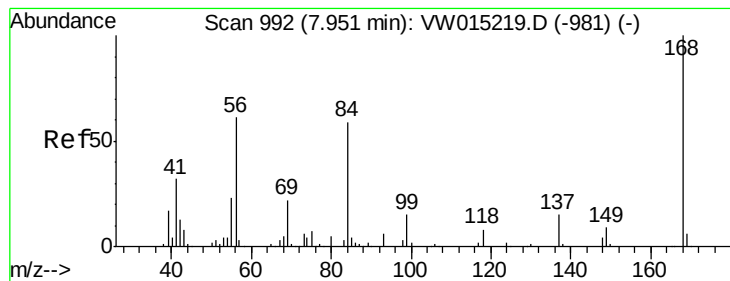
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 21 06:39:58 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015259.D

Acq: 21 Apr 2020 13:51

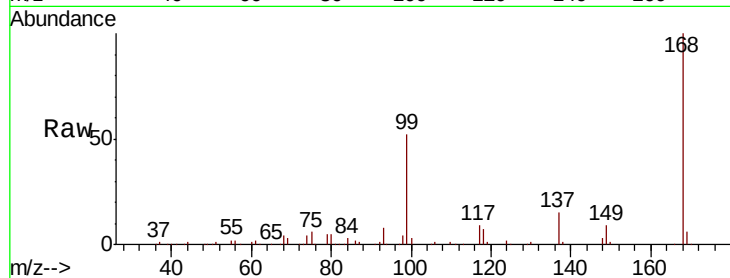
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 167440

Ion Ratio Lower Upper

168 100

99 51.7 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

80000

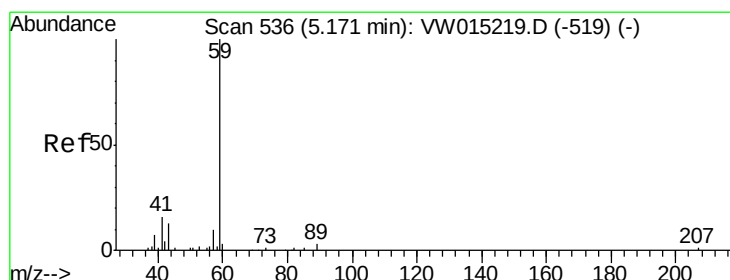
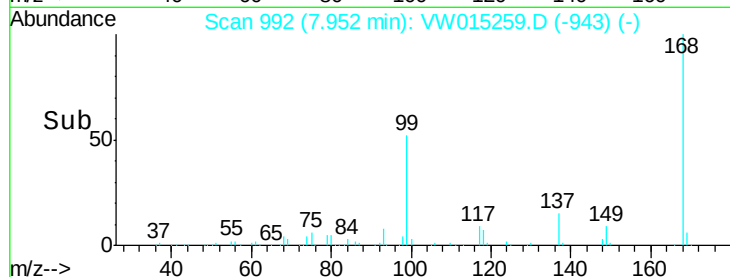
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.030 ug/l

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW015259.D

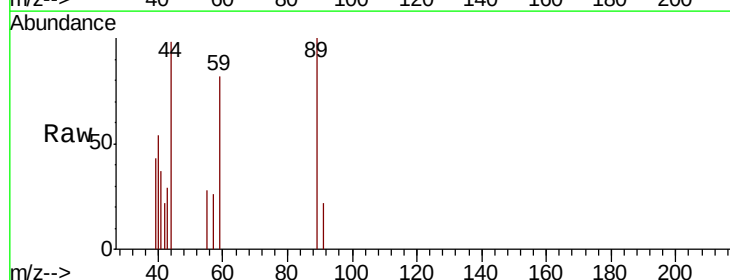
Acq: 21 Apr 2020 13:51

Tgt Ion: 59 Resp: 115

Ion Ratio Lower Upper

59 100

57 87.8 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.13

250

200

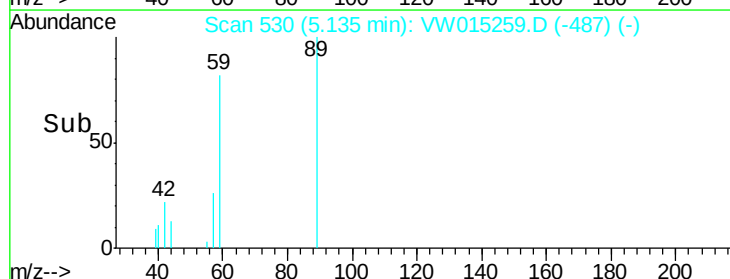
150

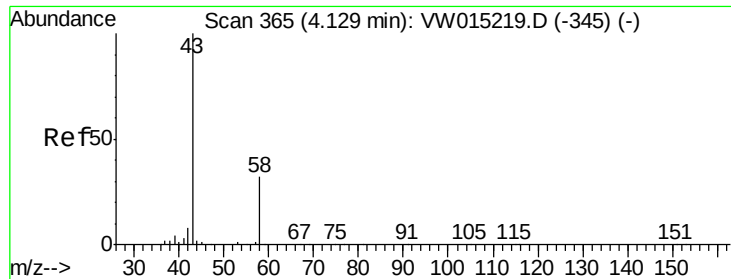
100

50

0

Time--> 5.12 5.14 5.16

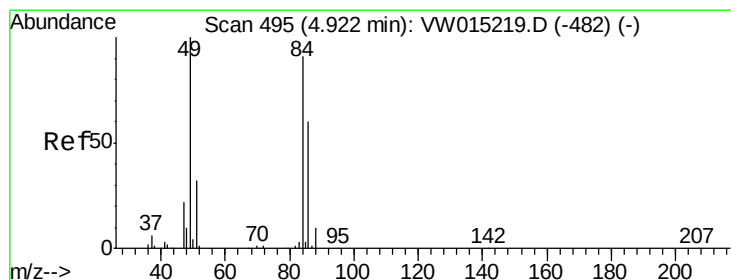
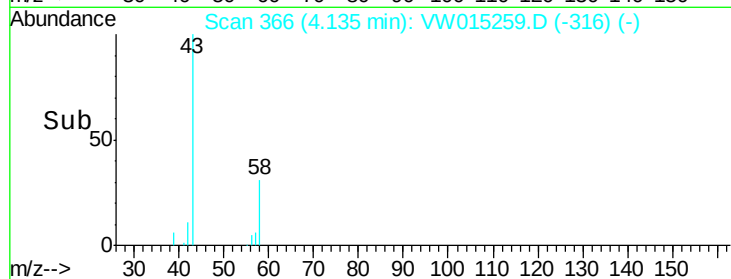
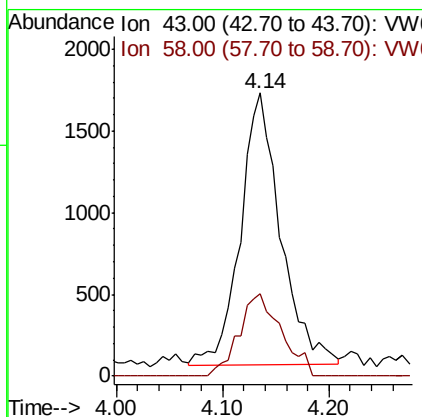
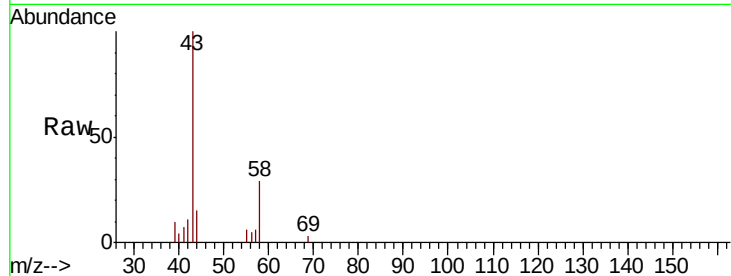




#16
Acetone
Concen: 18.448 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015259.D
Acq: 21 Apr 2020 13:51

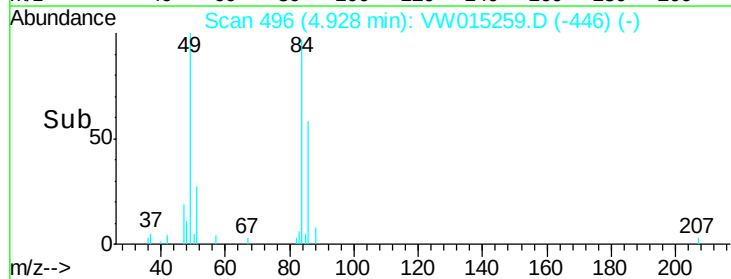
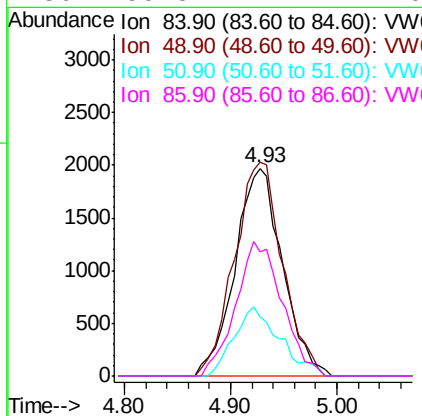
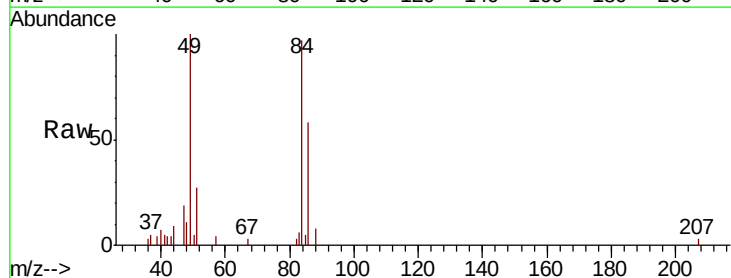
Instrument :
MSVOA_W
ClientSampleId :

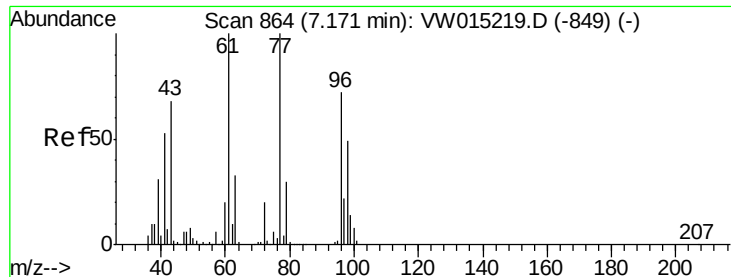
Tot Ion: 43 Resp: 4412
Ion Ratio Lower Upper
43 100
58 30.7 27.0 40.4



#20
Methylene Chloride
Concen: 3.914 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015259.D
Acq: 21 Apr 2020 13:51

Tgt Ion: 84 Resp: 6134
Ion Ratio Lower Upper
84 100
49 102.7 95.4 143.0
51 28.1 29.8 44.8#
86 59.8 47.4 71.0

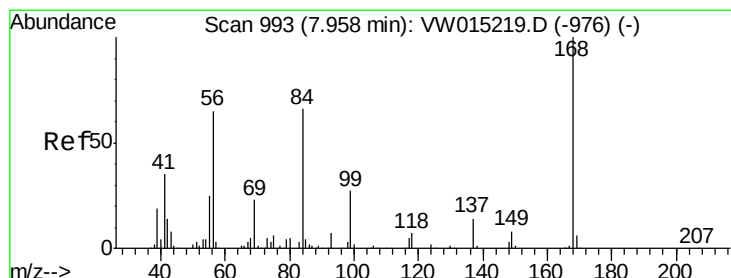
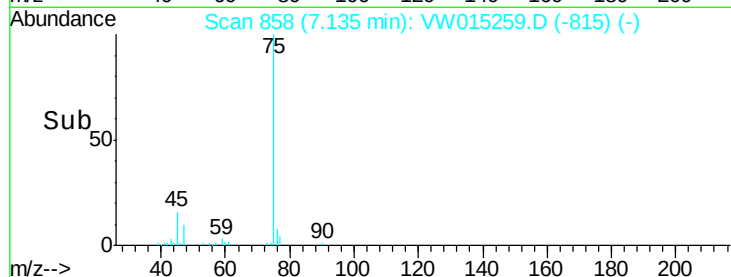
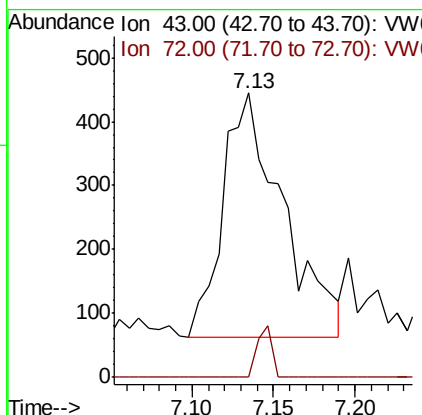
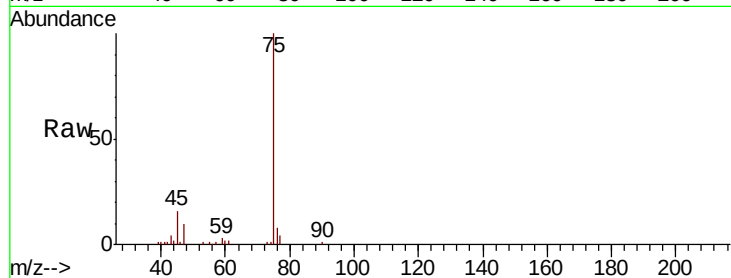




#25
2-Butanone
Concen: 3.101 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW015259.D
Acq: 21 Apr 2020 13:51

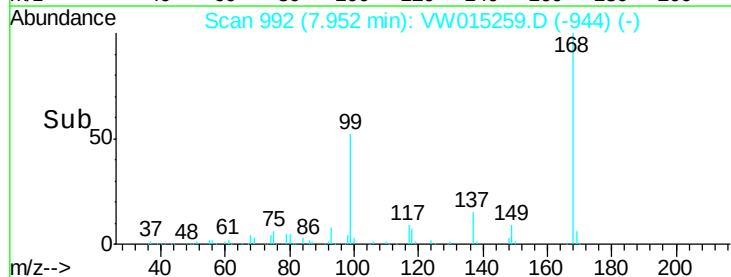
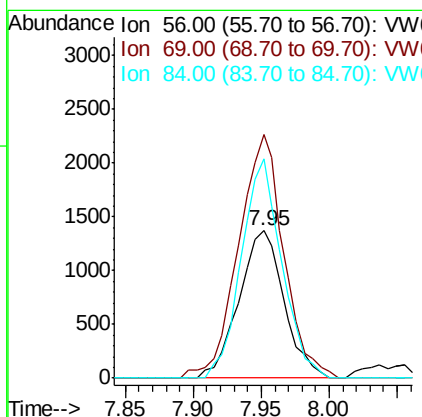
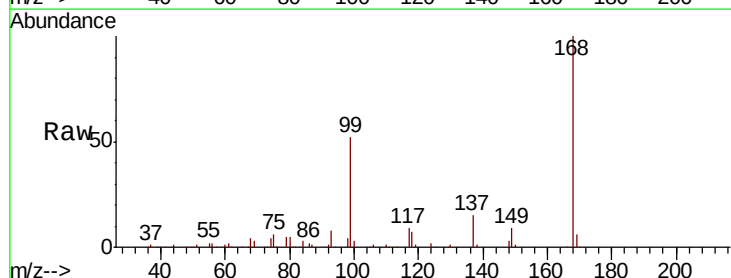
Instrument :
MSVOA_W
ClientSampled :

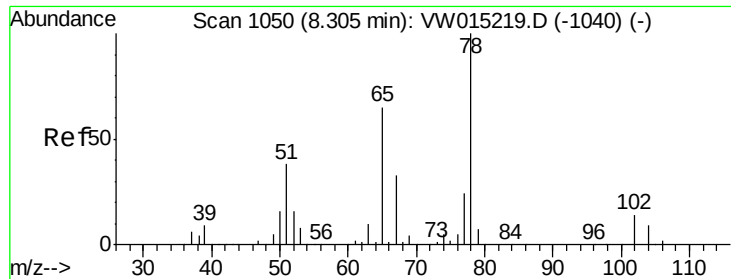
Tot Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
72 0.0 21.6 32.4#



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015259.D
Acq: 21 Apr 2020 13:51

Tgt Ion: 56 Resp: 3173
Ion Ratio Lower Upper
56 100
69 165.2 27.1 40.7#
84 149.1 71.9 107.9#

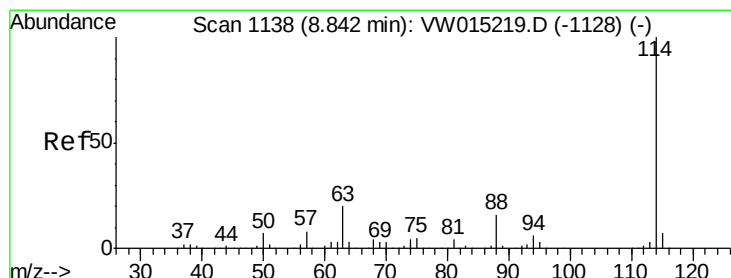
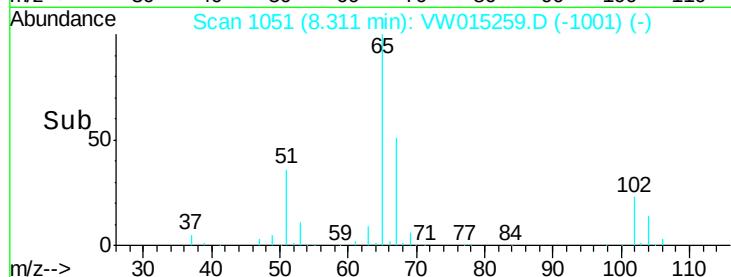
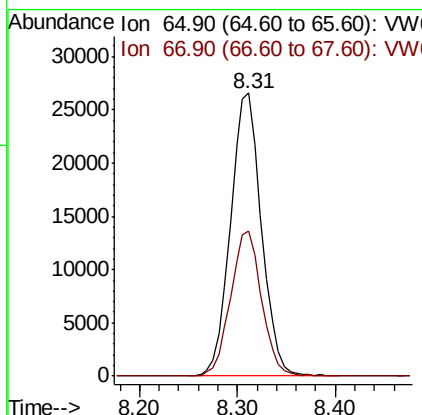
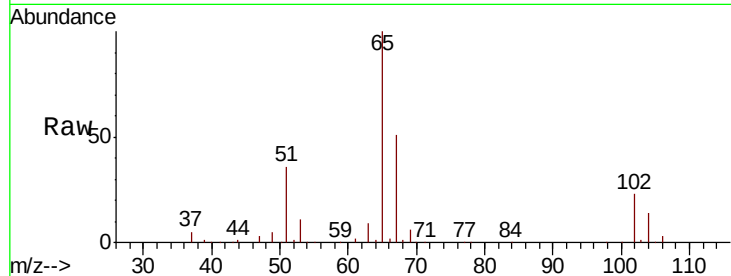




#33
 1,2-Dichloroethane-d4
 Concen: 42.308 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015259.D
 Acq: 21 Apr 2020 13:51

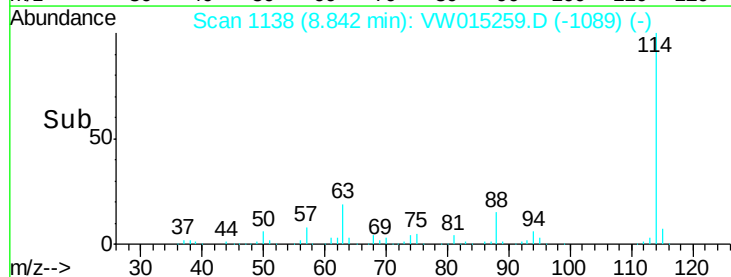
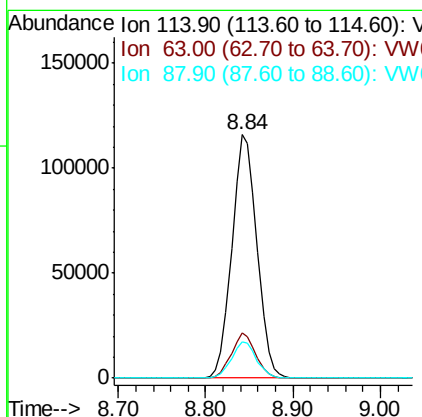
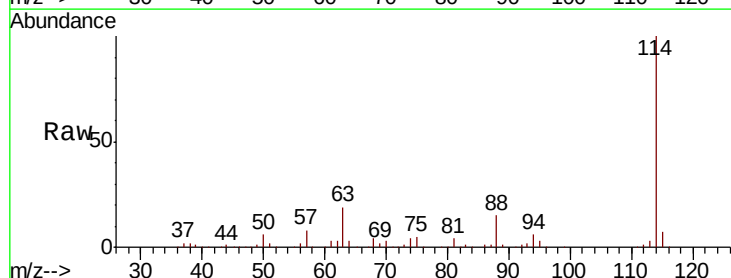
Instrument :
 MSVOA_W
 ClientSampled :

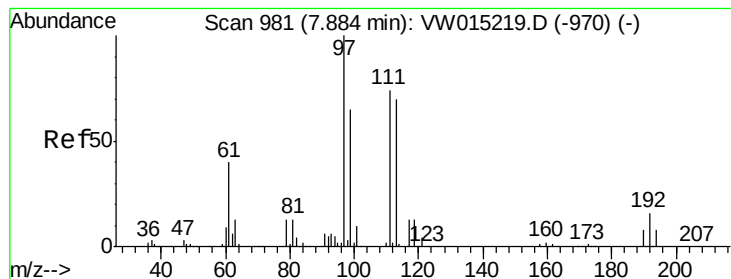
Tot Ion: 65 Resp: 57930
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015259.D
 Acq: 21 Apr 2020 13:51

Tgt Ion: 114 Resp: 231207
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.8
 88 15.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.391 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.01 min

Lab File: VW015259.D

Acq: 21 Apr 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

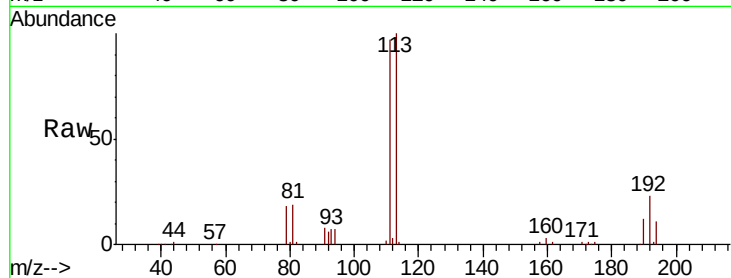
Tot Ion:113 Resp: 63255

Ion Ratio Lower Upper

113 100

111 100.7 83.0 124.4

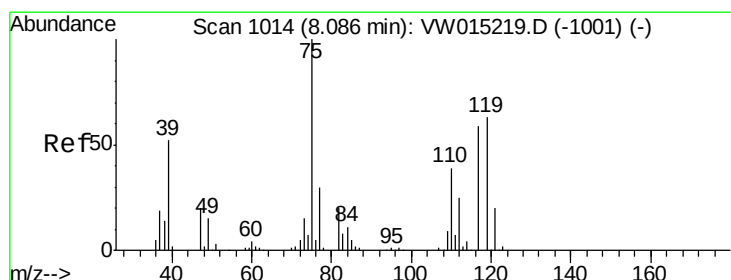
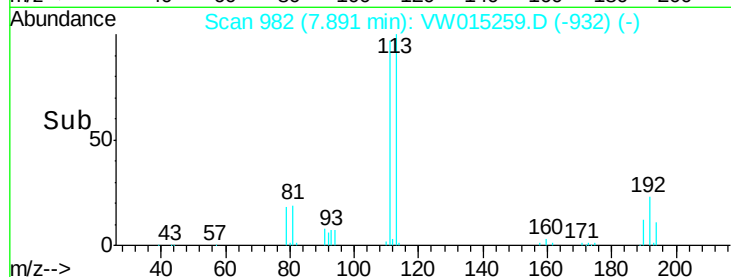
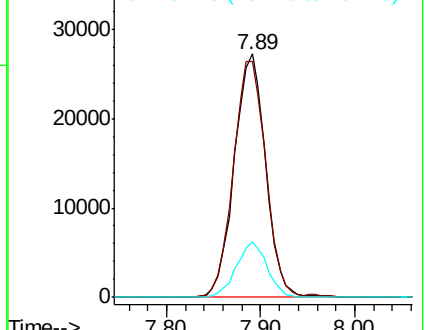
192 22.4 15.1 22.7



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: 5.082 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015259.D

Acq: 21 Apr 2020 13:51

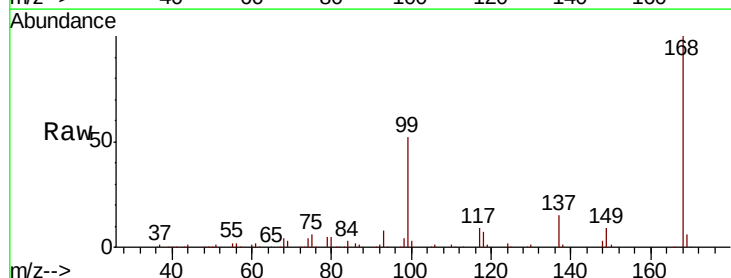
Tgt Ion: 75 Resp: 10605

Ion Ratio Lower Upper

75 100

110 9.9 18.2 54.6#

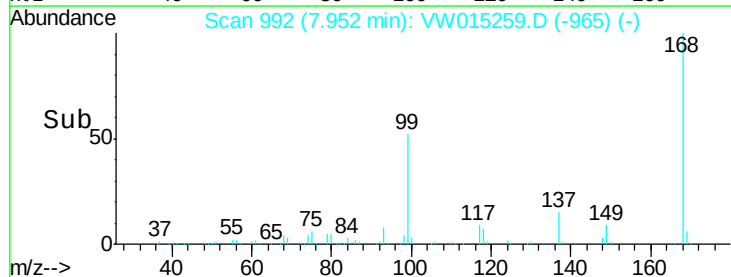
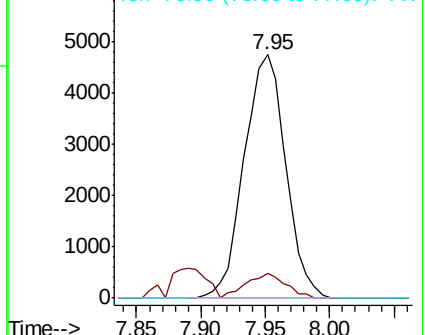
77 0.0 24.5 36.7#

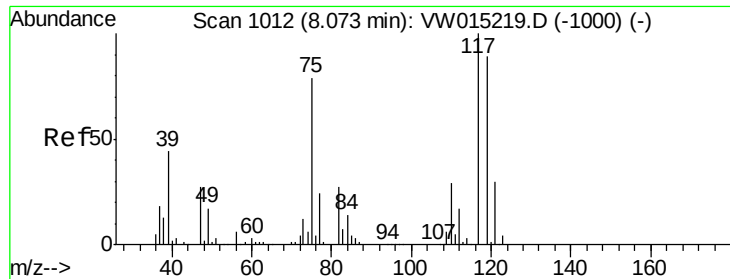


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

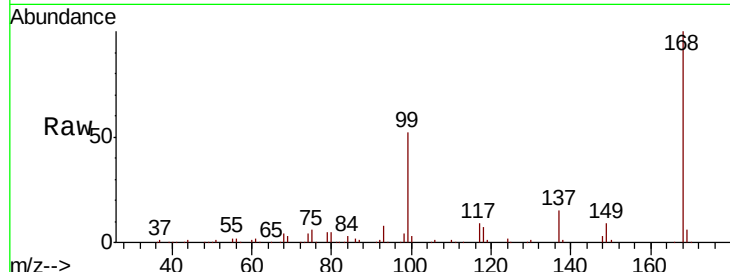




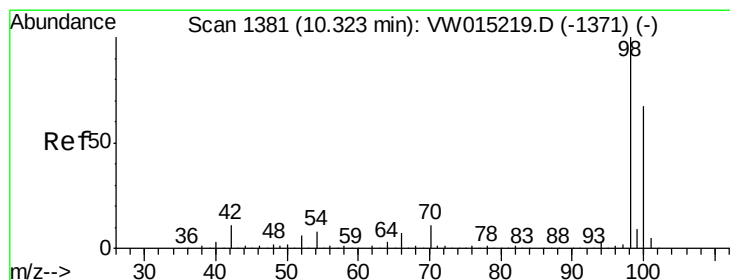
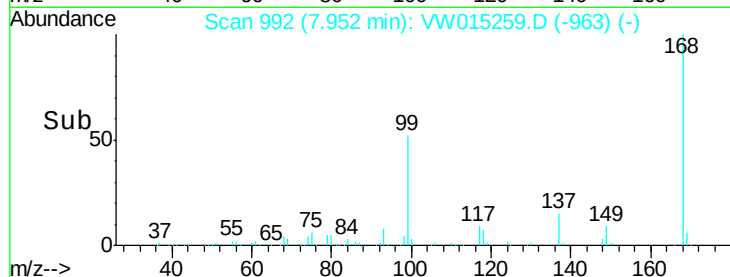
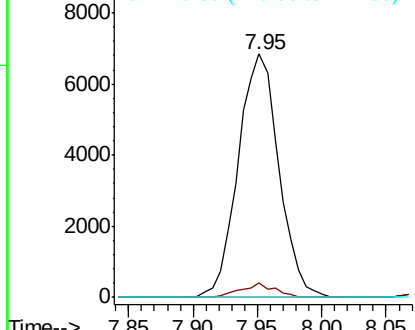
#38
Carbon Tetrachloride
Concen: 6.543 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015259.D
Acq: 21 Apr 2020 13:51

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 14920
Ion Ratio Lower Upper
117 100
119 5.8 72.3 108.5#
121 0.0 23.7 35.5#

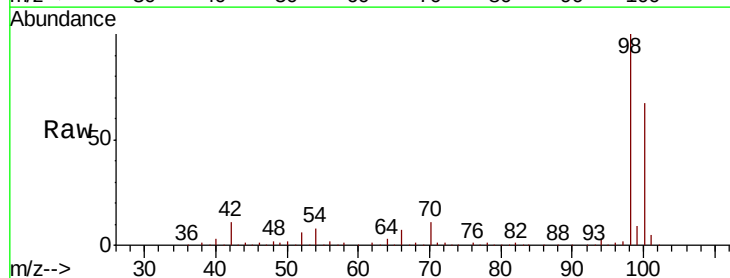


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

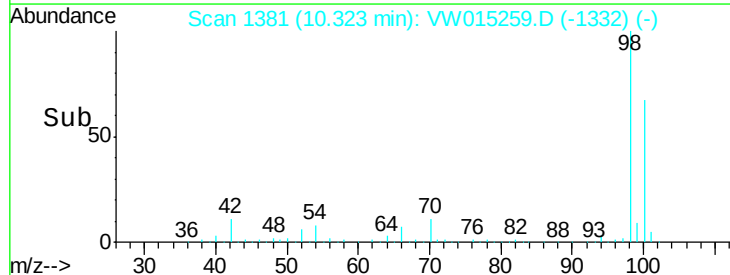
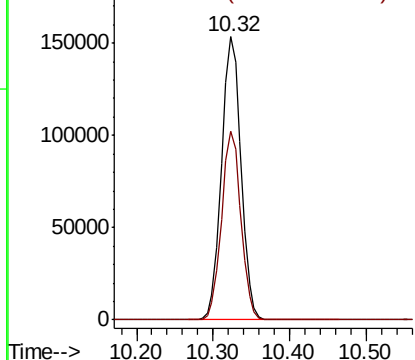


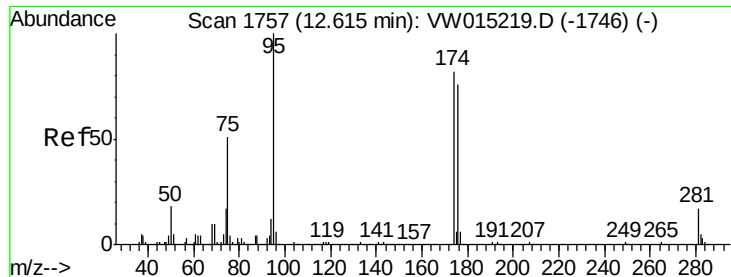
#50
Toluene-d8
Concen: 50.222 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015259.D
Acq: 21 Apr 2020 13:51

Tgt Ion: 98 Resp: 270574
Ion Ratio Lower Upper
98 100
100 65.9 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: 41.223 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015259.D

Acq: 21 Apr 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

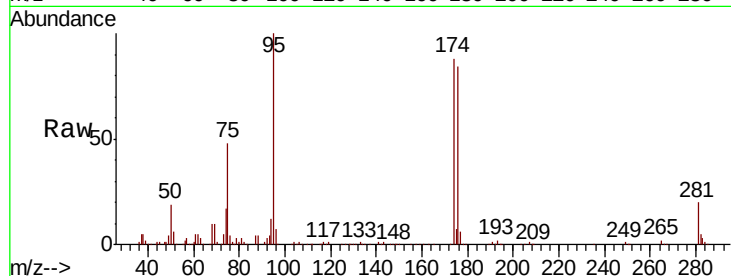
Tot Ion: 95 Resp: 84737

Ion Ratio Lower Upper

95 100

174 90.9 0.0 144.4

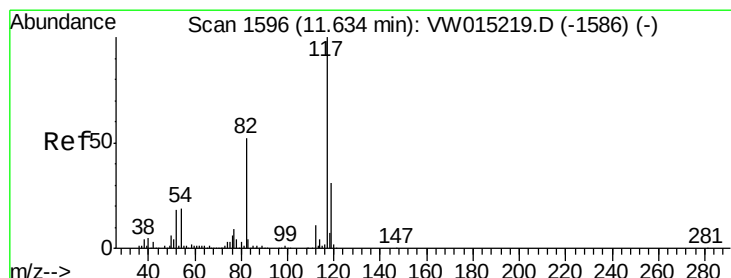
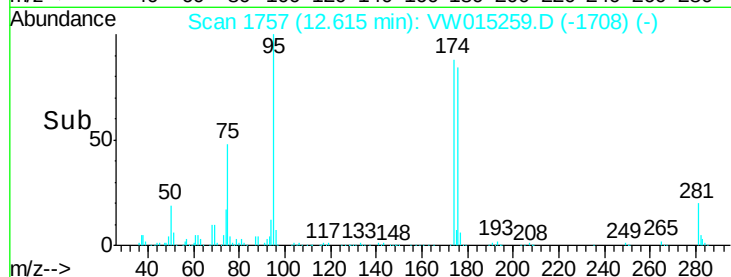
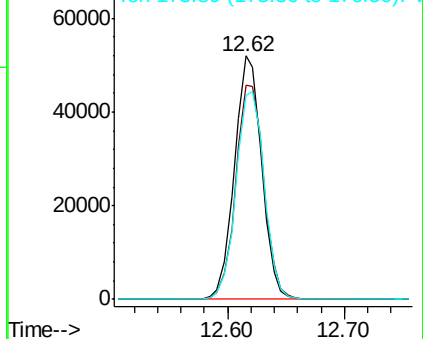
176 88.8 0.0 140.6



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# 1596

Delta R.T. 0.00 min

Lab File: VW015259.D

Acq: 21 Apr 2020 13:51

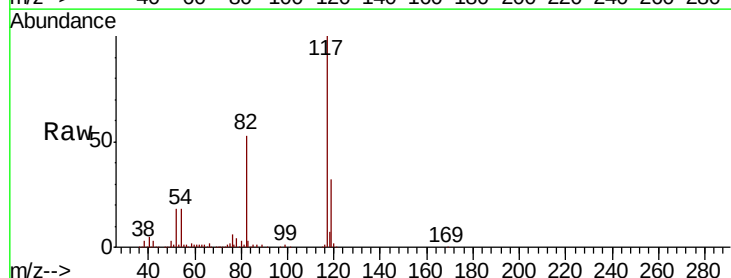
Tgt Ion: 117 Resp: 198073

Ion Ratio Lower Upper

117 100

82 52.7 44.1 66.1

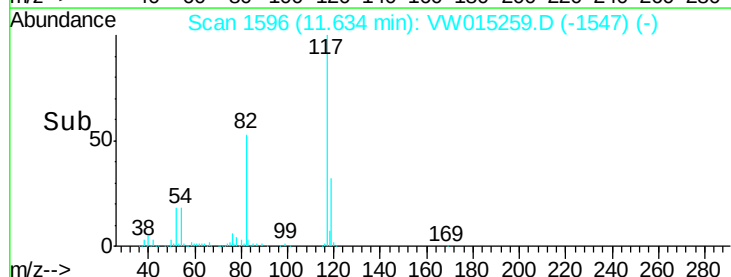
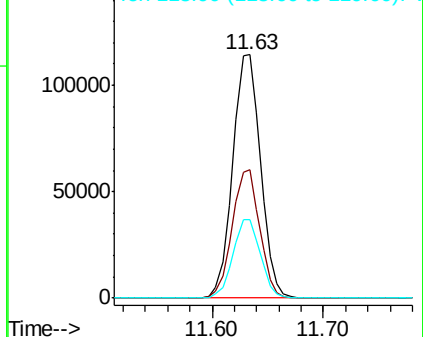
119 32.2 24.9 37.3

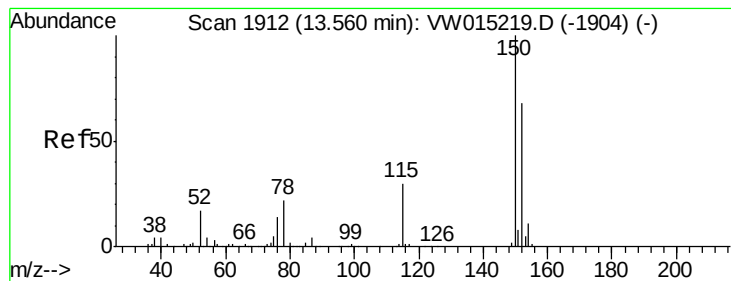


Abundance Ion 116.90 (116.60 to 117.60): VW

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015259.D

Acq: 21 Apr 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

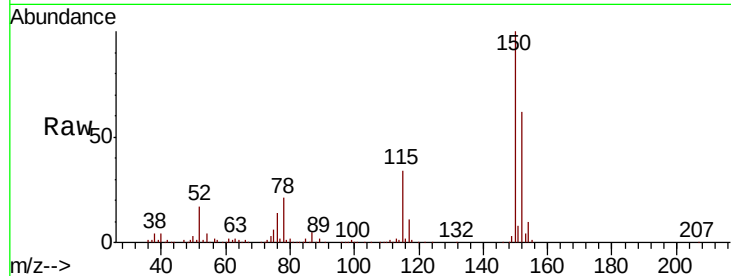
Tot Ion:152 Resp: 80775

Ion Ratio Lower Upper

152 100

115 56.4 31.3 93.9

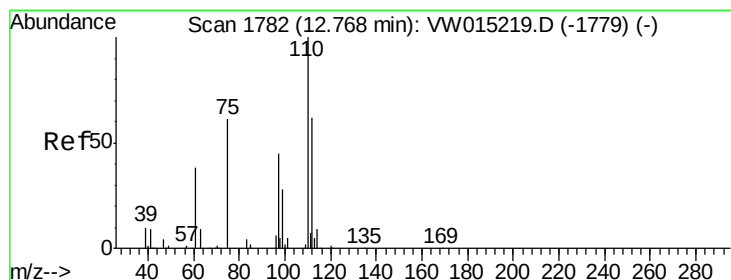
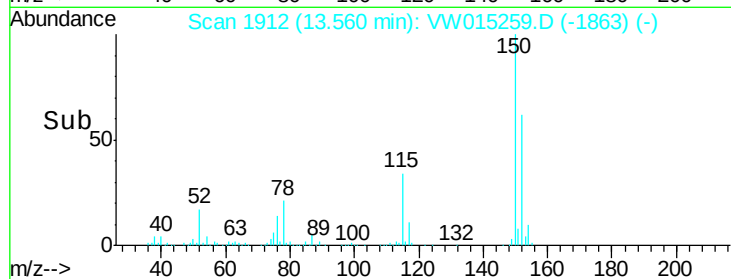
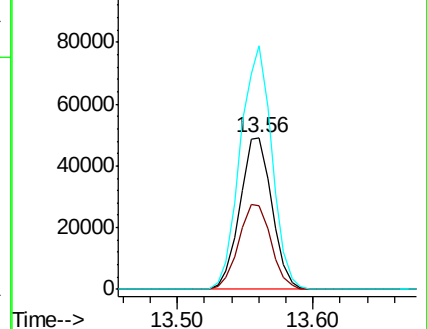
150 158.2 0.0 343.4



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: 66.785 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015259.D

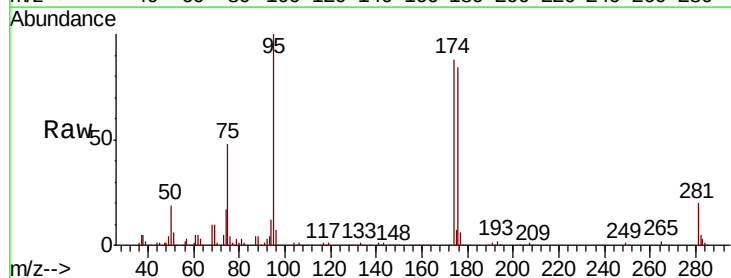
Acq: 21 Apr 2020 13:51

Tgt Ion: 75 Resp: 41733

Ion Ratio Lower Upper

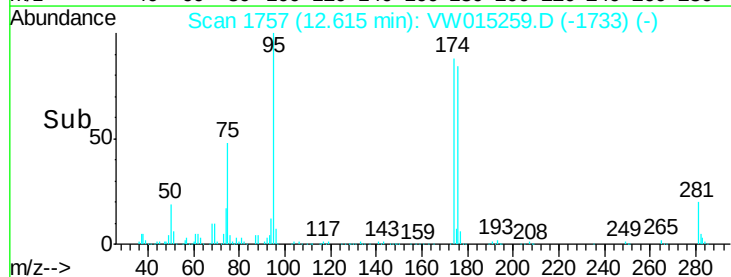
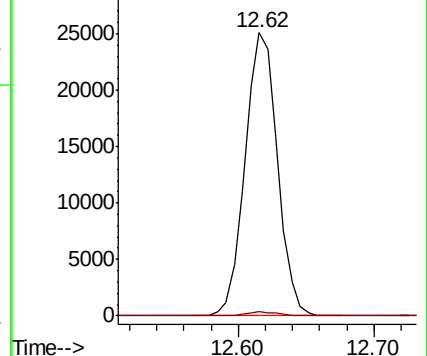
75 100

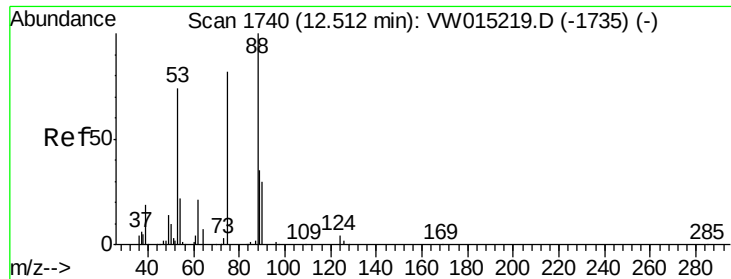
77 1.4 0.0 0.0#



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: 145.993 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015259.D

Acq: 21 Apr 2020 13:51

Instrument :

MSVOA_W

ClientSampleId :

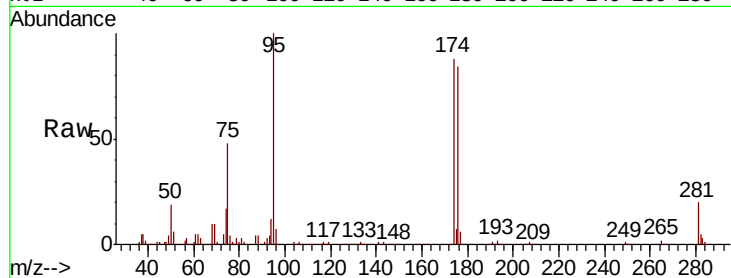
Tot Ion: 75 Resp: 41733

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

