

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015811.D
 Acq On : 08 Jul 2020 15:56
 Operator : SY/VA
 Sample : L3183-01
 Misc : 6.95G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720

Quant Time: Jul 09 04:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 08:28:05 2020
 Response via : Initial Calibration

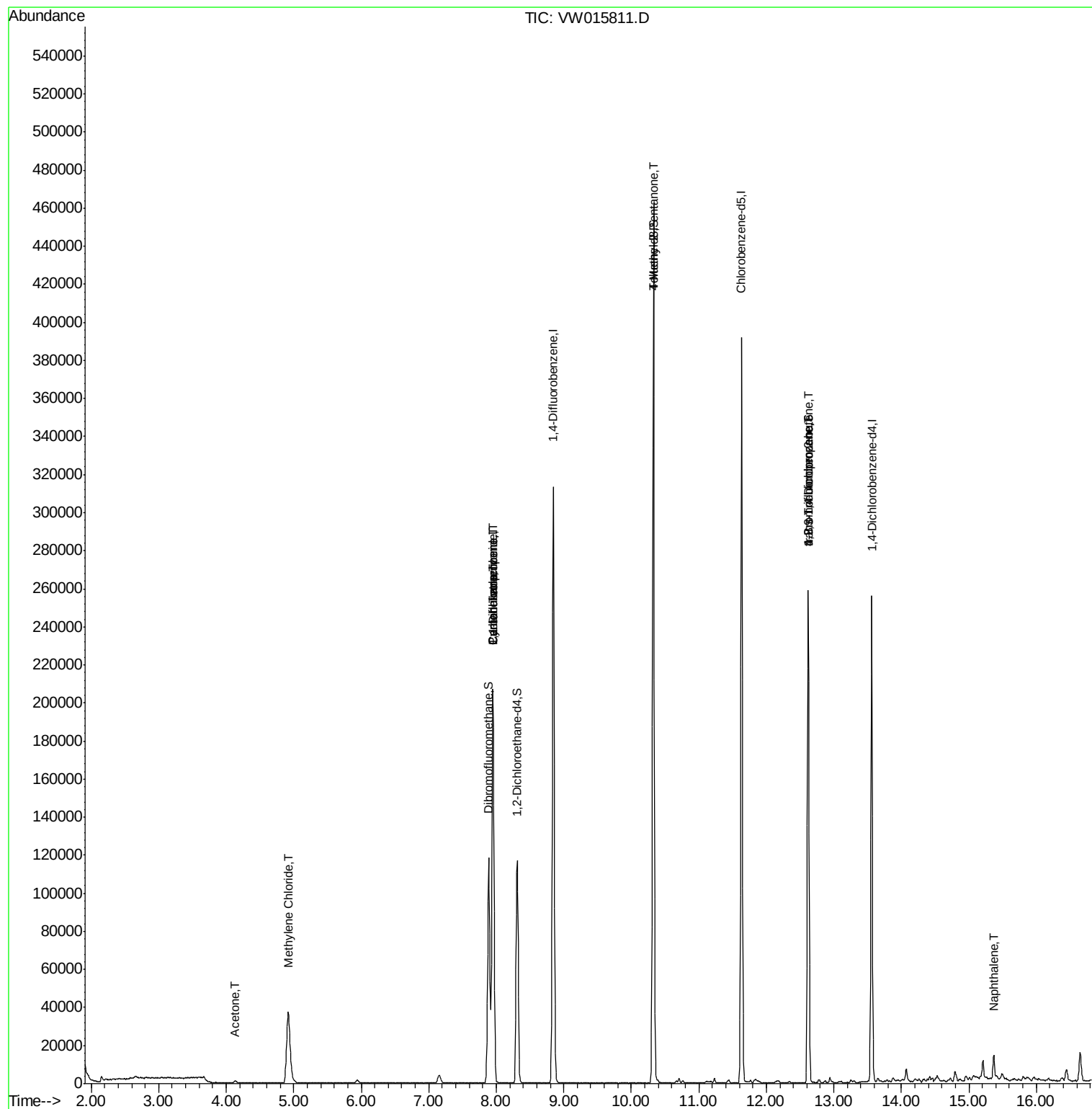
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	149257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	261496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	62957	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95113	61.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.76%	
35) Dibromofluoromethane	7.89	113	83942	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.04%	
50) Toluene-d8	10.33	98	303648	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	12.62	95	81331	37.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.64%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	2058	7.156	ug/l	90
20) Methylene Chloride	4.92	84	33091	19.631	ug/l	97
31) Cyclohexane	7.95	56	3904	1.467	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	12750	4.946	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15388	6.169	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1779	1.865	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	44977	81.287	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	44977	174.337	ug/l #	7
95) Naphthalene	15.36	128	10740	7.794	ug/l	98

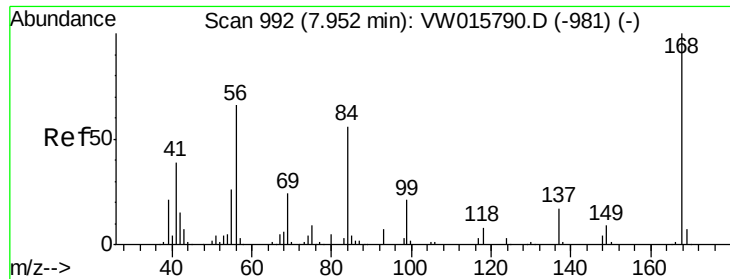
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070820\
Data File : VW015811.D
Acq On : 08 Jul 2020 15:56
Operator : SY/VA
Sample : L3183-01
Misc : 6.95G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720

Quant Time: Jul 09 04:40:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 08:28:05 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: VW015811.D

Acq: 08 Jul 2020 15:56

Instrument :

MSVOA_W

ClientSampleId :

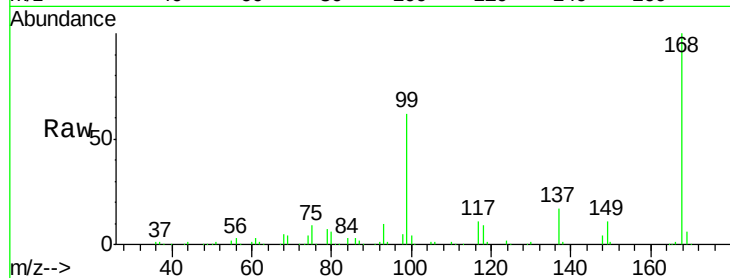
OK-02-070720

Tot Ion:168 Resp: 149257

Ion Ratio Lower Upper

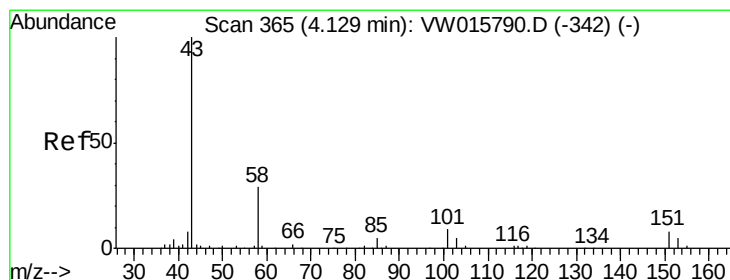
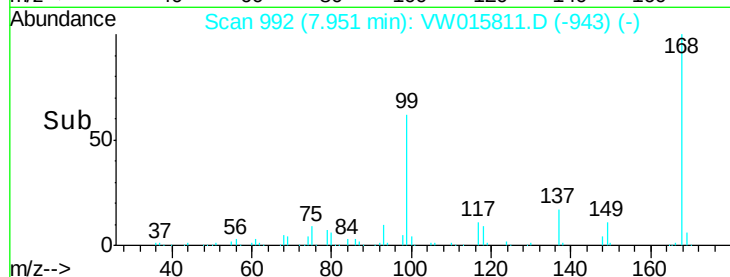
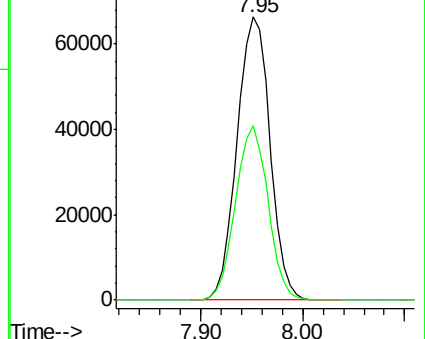
168 100

99 61.9 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.156 ug/l

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015811.D

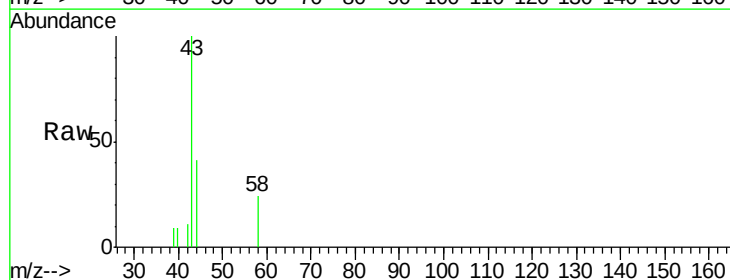
Acq: 08 Jul 2020 15:56

Tgt Ion: 43 Resp: 2058

Ion Ratio Lower Upper

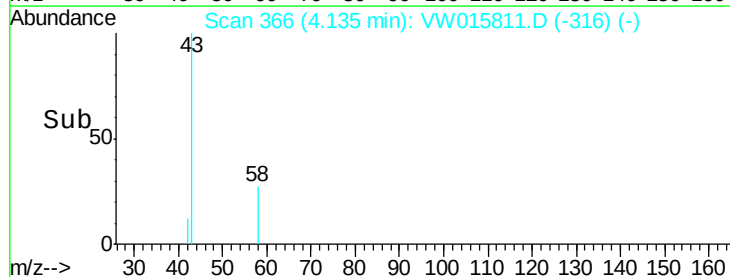
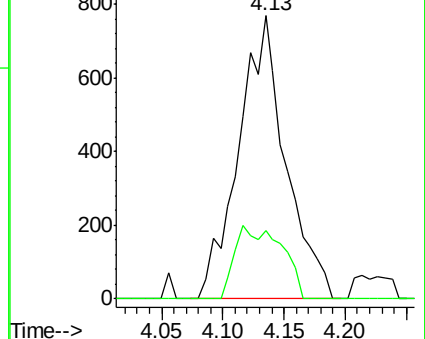
43 100

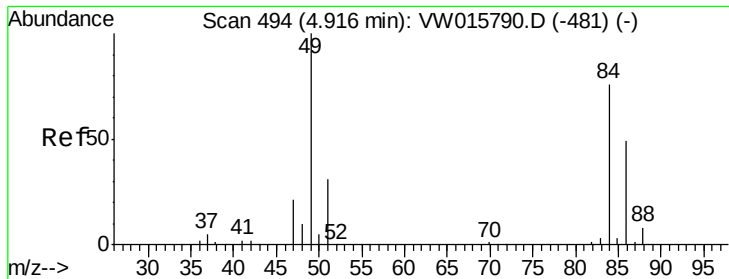
58 24.2 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

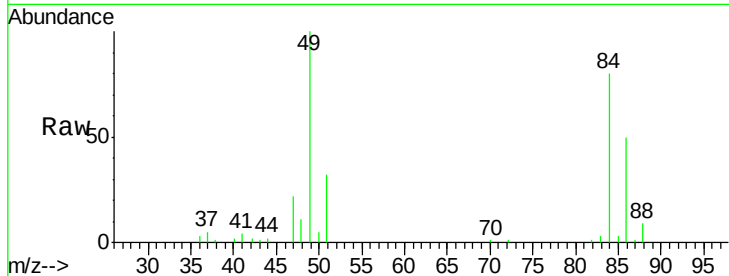




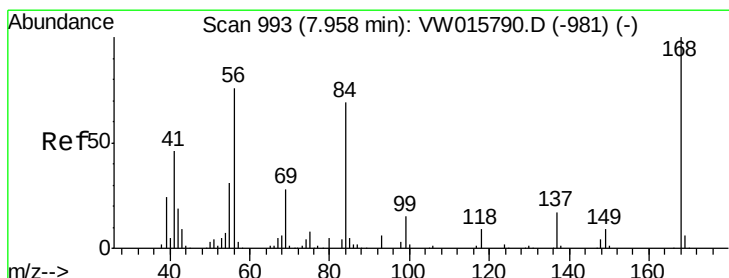
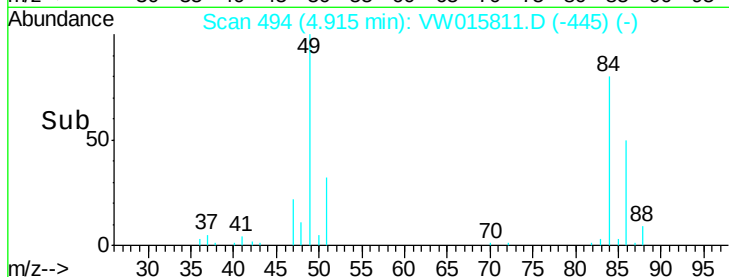
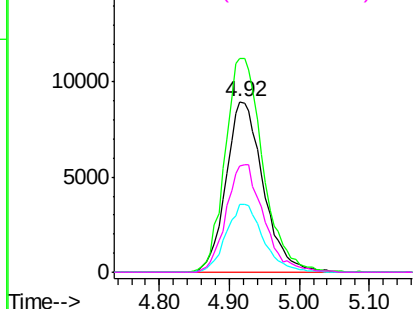
#20
Methylene Chloride
Concen: 19.631 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720

Tot Ion: 84 Resp: 33091
Ion Ratio Lower Upper
84 100
49 125.4 105.0 157.6
51 39.9 32.3 48.5
86 62.7 51.2 76.8

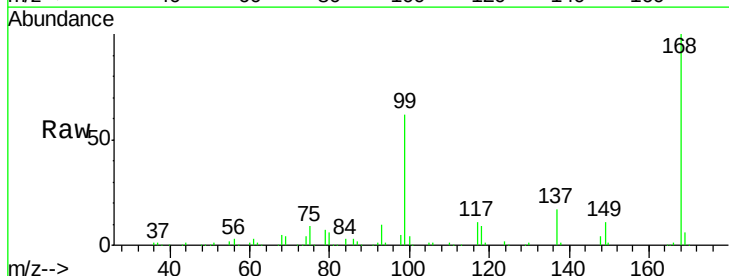


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

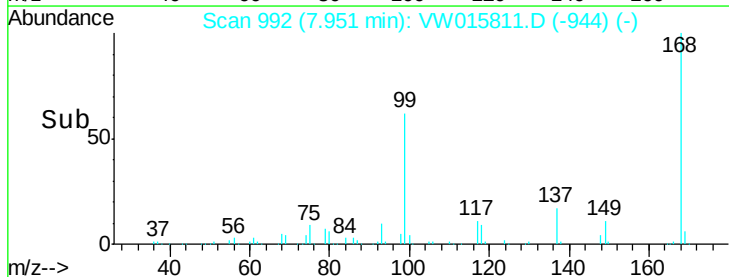
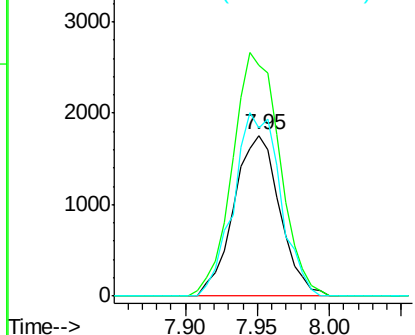


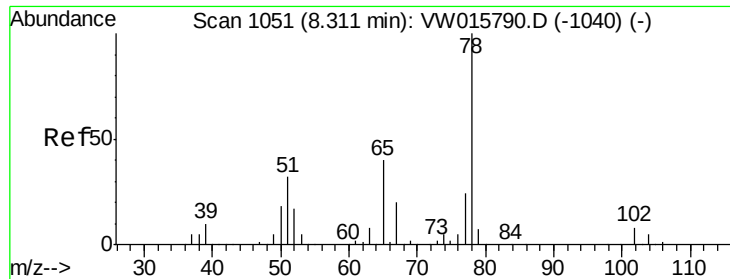
#31
Cyclohexane
Concen: 1.467 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

Tgt Ion: 56 Resp: 3904
Ion Ratio Lower Upper
56 100
69 143.3 28.9 43.3#
84 104.6 72.2 108.4



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

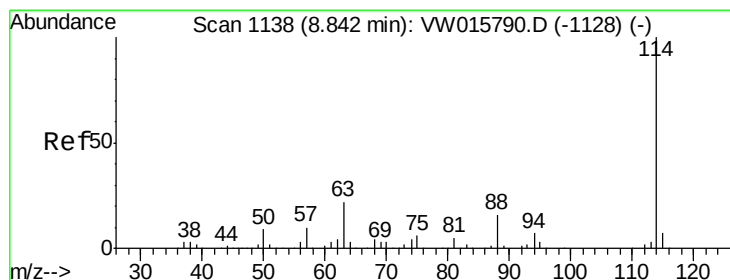
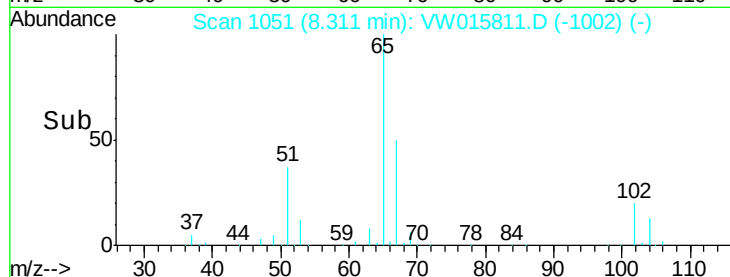
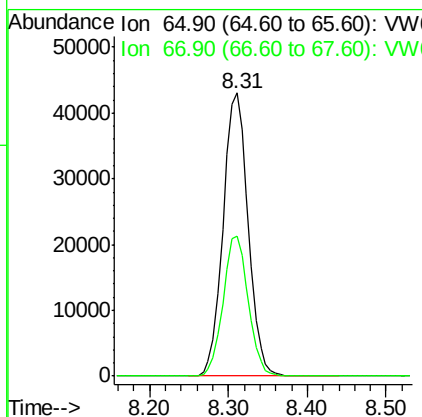
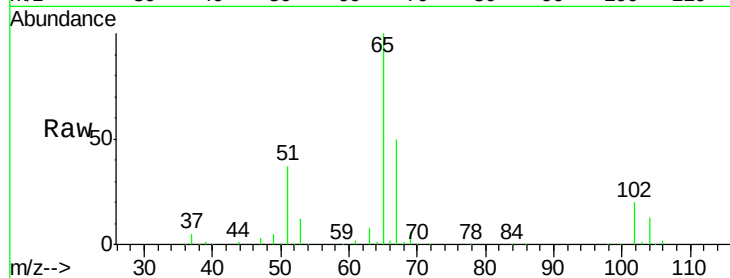




#33
 1,2-Dichloroethane-d4
 Concen: 61.883 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW015811.D
 Acq: 08 Jul 2020 15:56

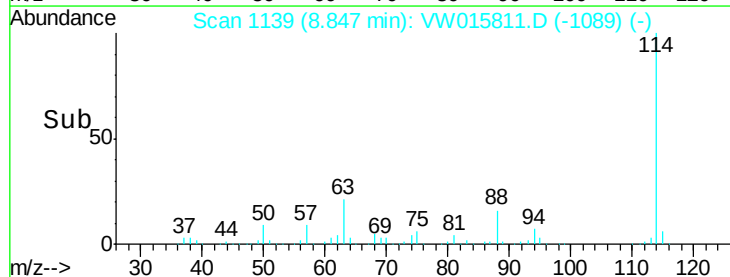
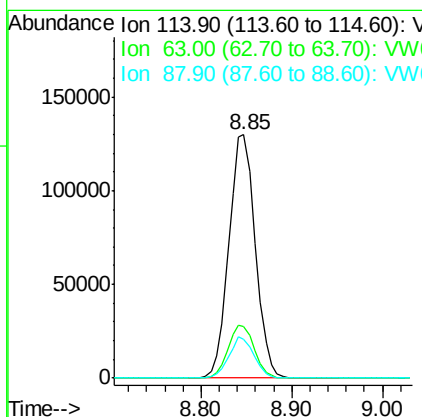
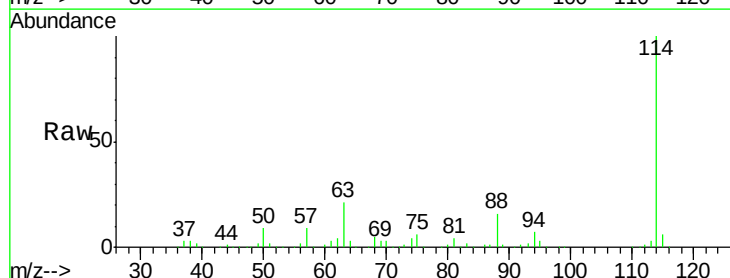
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720

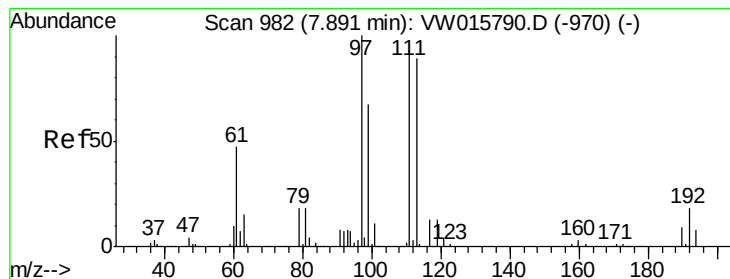
Tot Ion: 65 Resp: 95113
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015811.D
 Acq: 08 Jul 2020 15:56

Tgt Ion: 114 Resp: 261496
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.4
 88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.022 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW015811.D

Acq: 08 Jul 2020 15:56

Instrument :

MSVOA_W

ClientSampleId :

OK-02-070720

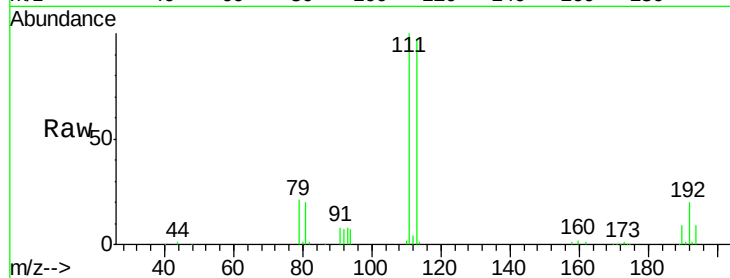
Tot Ion:113 Resp: 83942

Ion Ratio Lower Upper

113 100

111 101.3 82.8 124.2

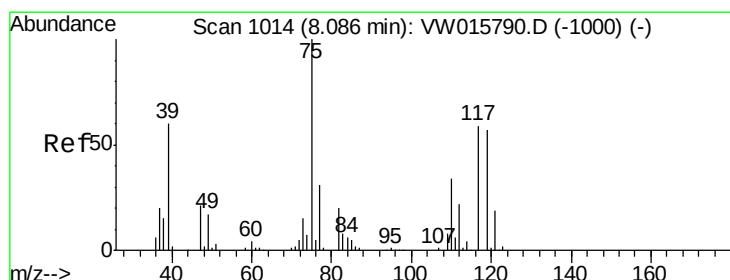
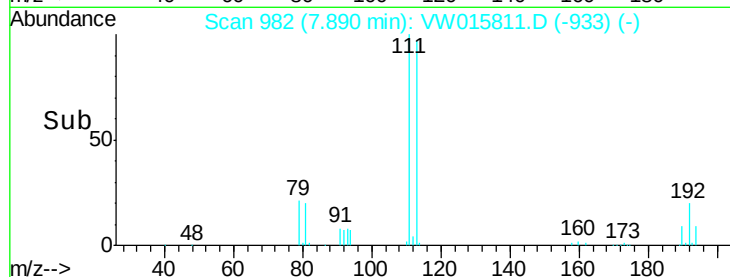
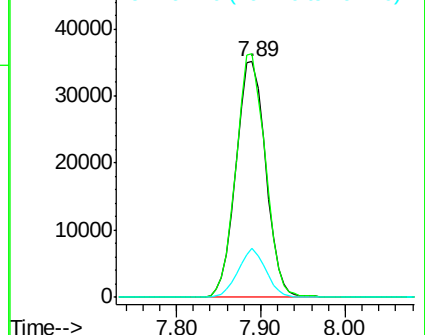
192 19.2 15.4 23.2



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: 4.946 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015811.D

Acq: 08 Jul 2020 15:56

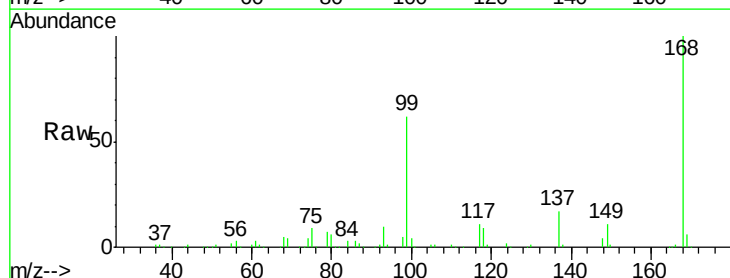
Tgt Ion: 75 Resp: 12750

Ion Ratio Lower Upper

75 100

110 9.5 16.8 50.3#

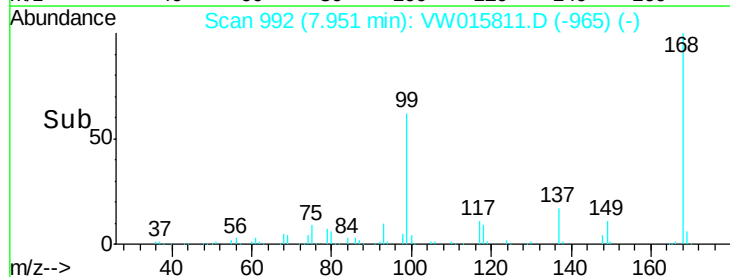
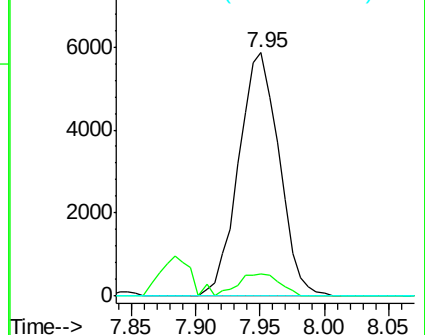
77 0.0 24.7 37.1#

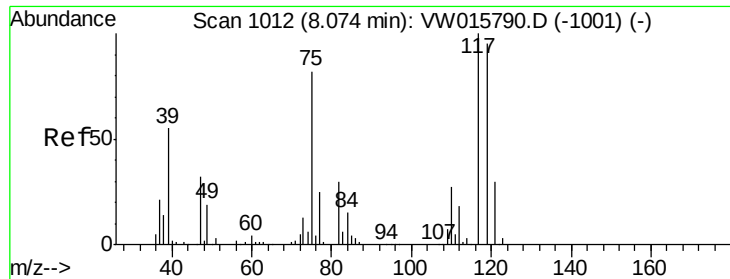


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

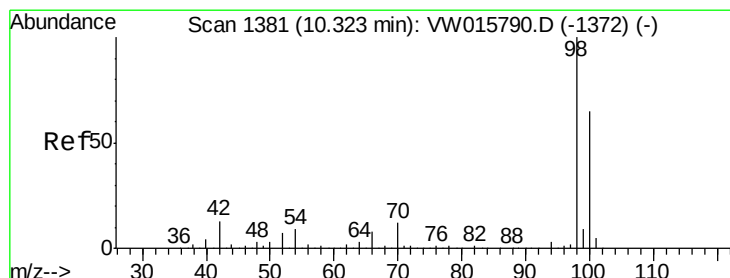
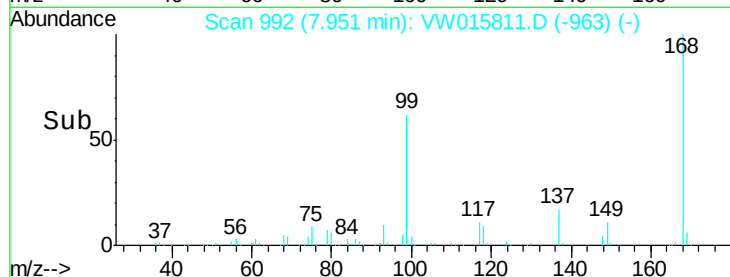
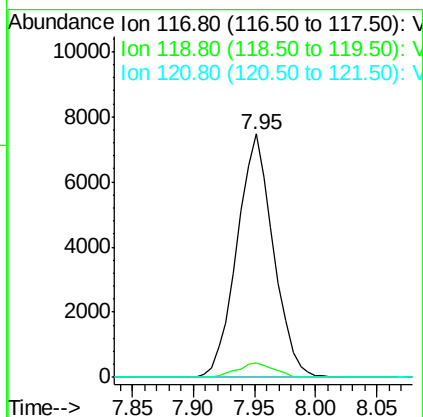
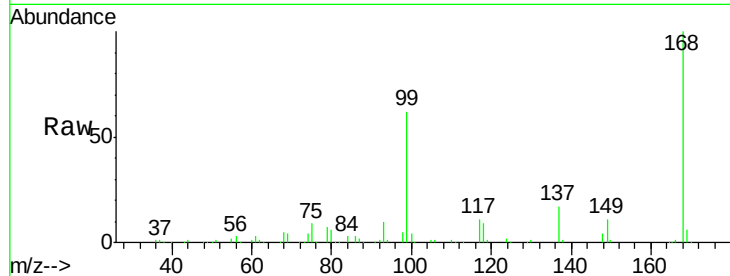




#38
Carbon Tetrachloride
Concen: 6.169 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

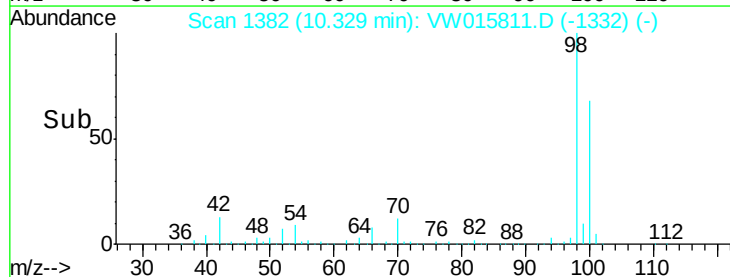
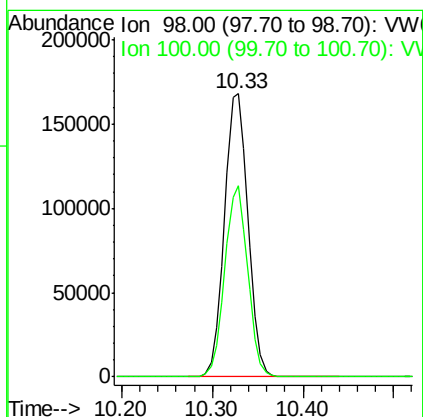
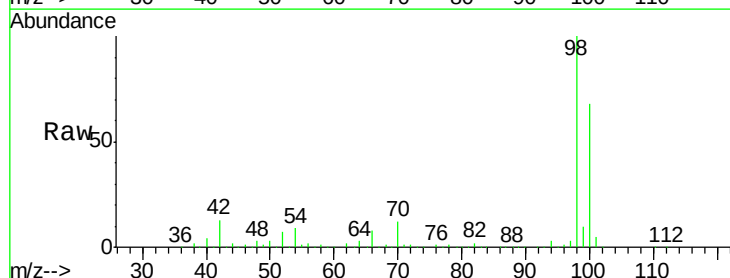
Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720

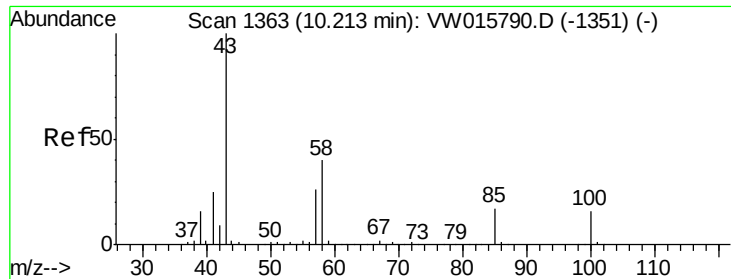
Tot Ion:117 Resp: 15388
Ion Ratio Lower Upper
117 100
119 5.8 76.3 114.5#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.816 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

Tgt Ion: 98 Resp: 303648
Ion Ratio Lower Upper
98 100
100 65.7 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 1.865 ug/l

RT: 10.33 min Scan# 1383

Delta R.T. 0.12 min

Lab File: VW015811.D

Acq: 08 Jul 2020 15:56

Instrument :

MSVOA_W

ClientSampleId :

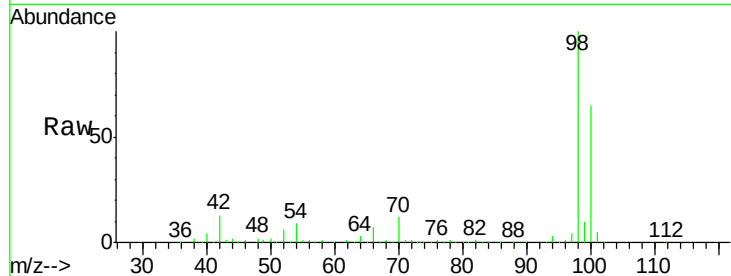
OK-02-070720

Tot Ion: 43 Resp: 1779

Ion Ratio Lower Upper

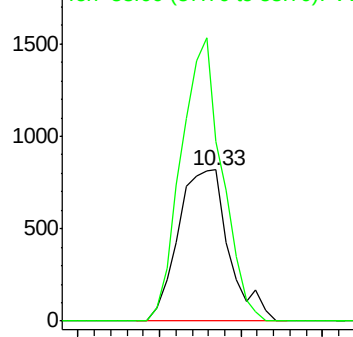
43 100

58 150.9 30.9 46.3#

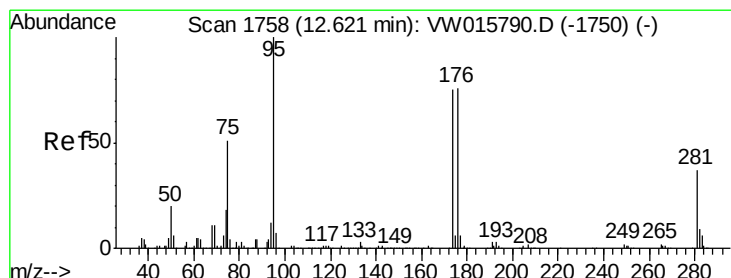
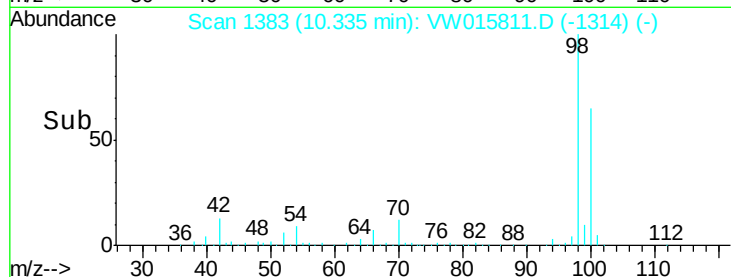


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#62

4-Bromofluorobenzene

Concen: 37.822 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015811.D

Acq: 08 Jul 2020 15:56

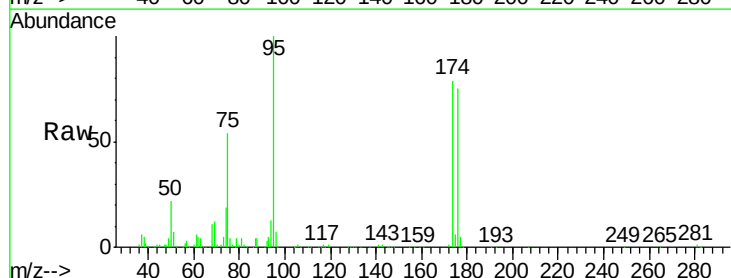
Tgt Ion: 95 Resp: 81331

Ion Ratio Lower Upper

95 100

174 78.7 0.0 150.2

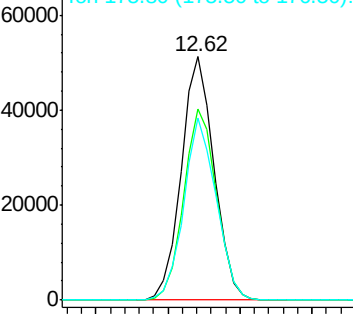
176 73.8 0.0 148.4



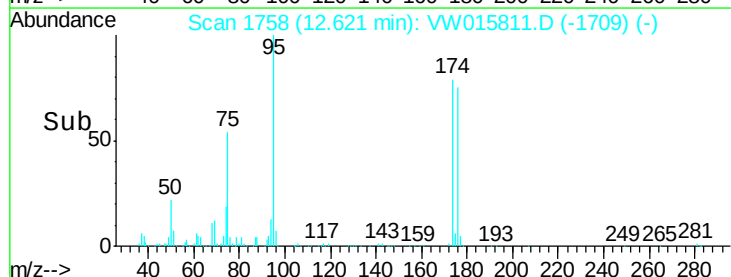
Abundance Ion 94.90 (94.60 to 95.60): VW

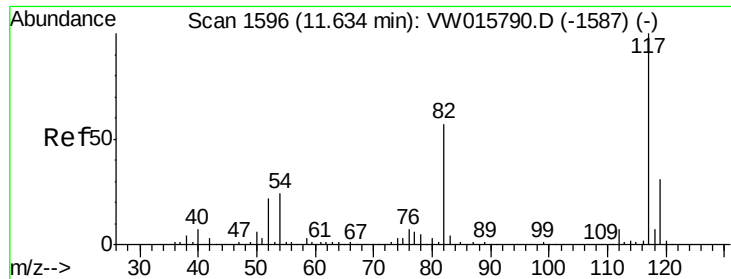
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW015811.D

Acq: 08 Jul 2020 15:56

Instrument :

MSVOA_W

ClientSampleId :

OK-02-070720

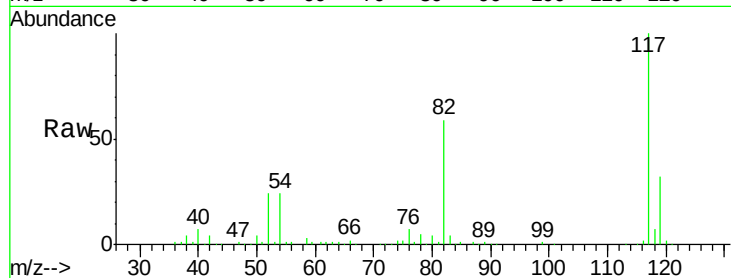
Tot Ion:117 Resp: 209854

Ion Ratio Lower Upper

117 100

82 59.1 45.5 68.3

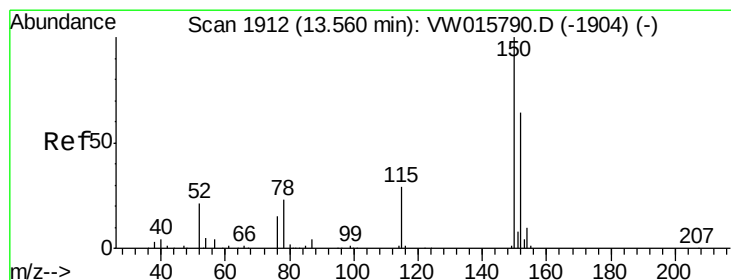
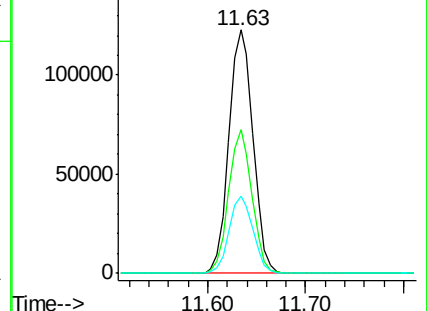
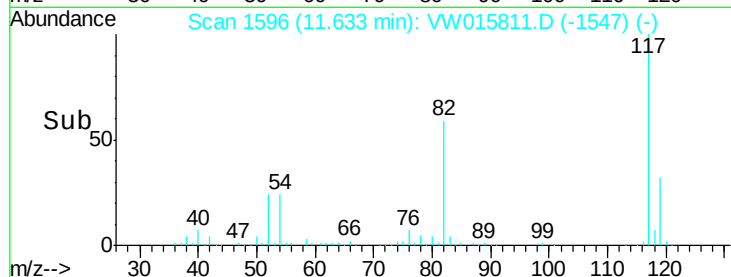
119 31.7 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015811.D

Acq: 08 Jul 2020 15:56

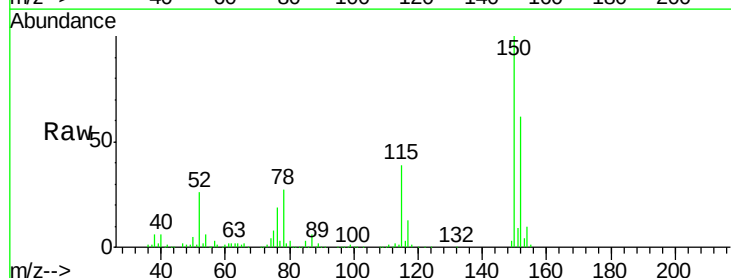
Tgt Ion:152 Resp: 62957

Ion Ratio Lower Upper

152 100

115 61.0 29.9 89.7

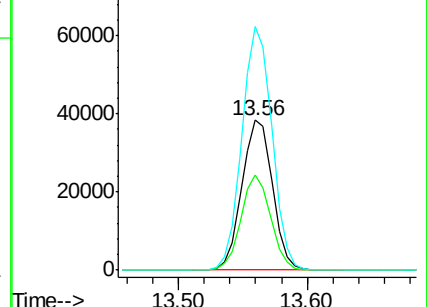
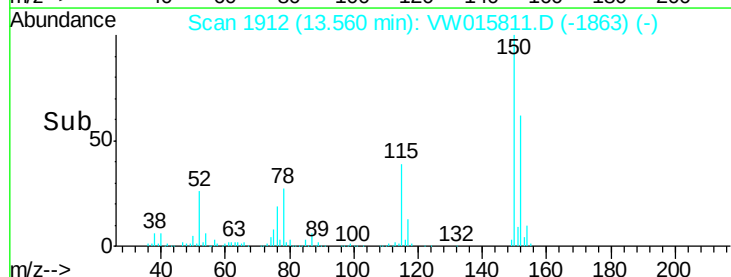
150 159.5 0.0 350.8

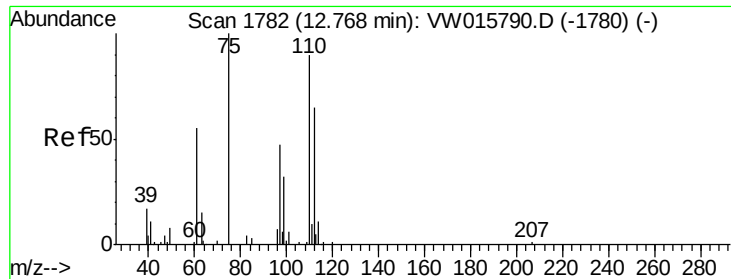


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

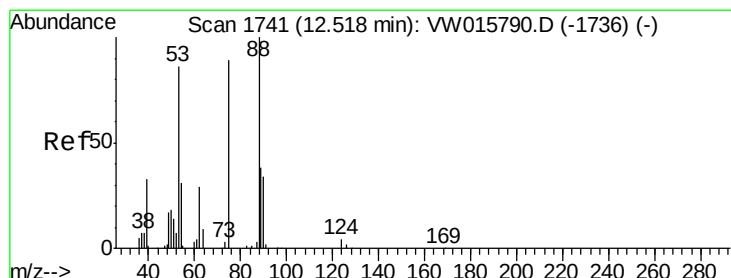
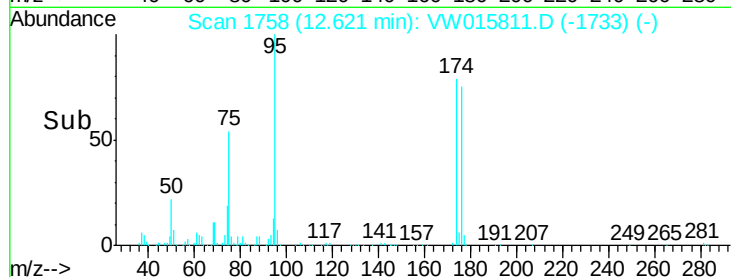
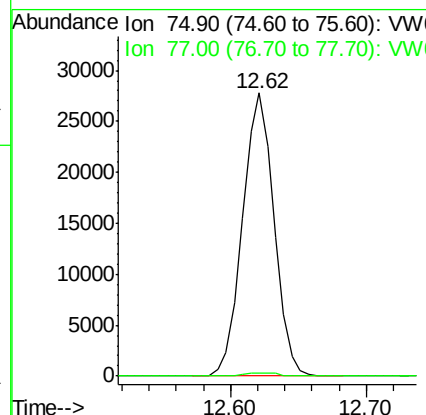
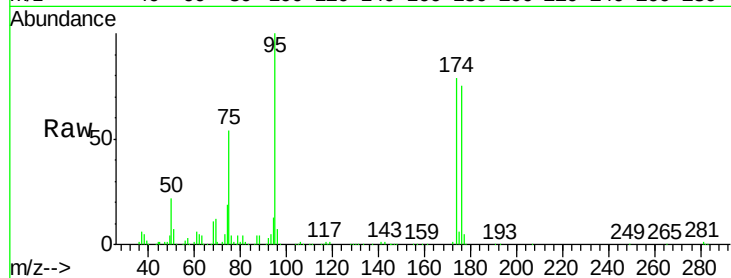




#76
 1,2,3-Trichloropropane
 Concen: 81.287 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW015811.D
 Acq: 08 Jul 2020 15:56

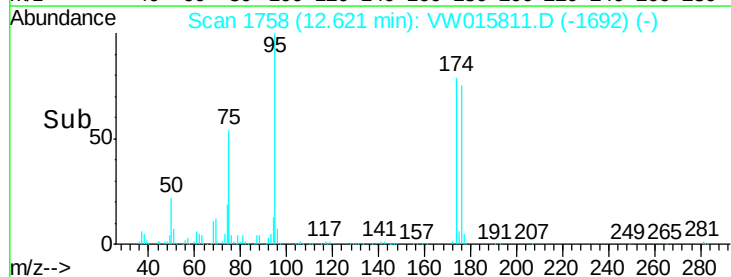
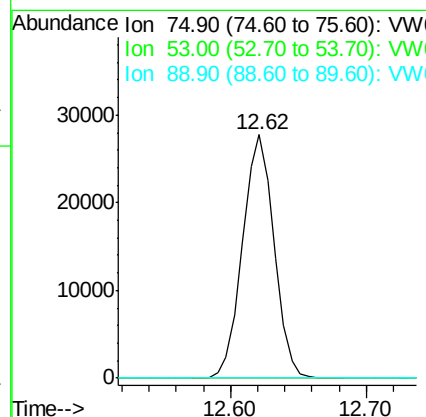
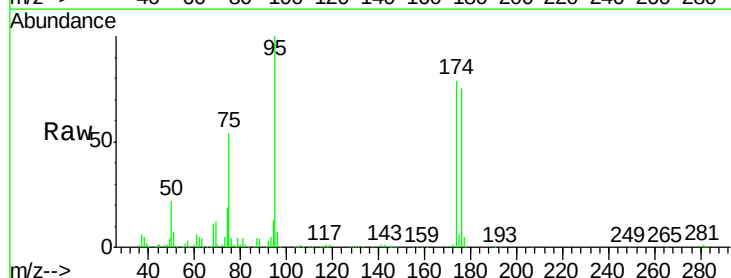
Instrument :
 MSVOA_W
 ClientSampleId :
 OK-02-070720

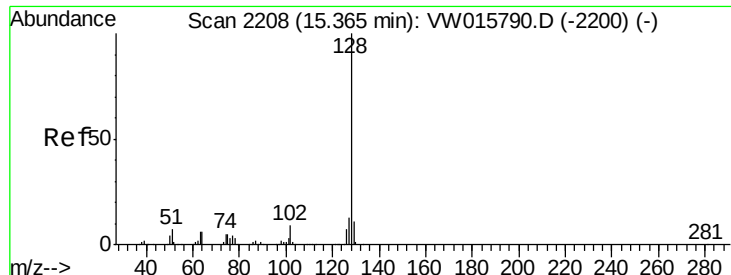
Tot Ion: 75 Resp: 44977
 Ion Ratio Lower Upper
 75 100
 77 1.2 177.3 532.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 174.337 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW015811.D
 Acq: 08 Jul 2020 15:56

Tgt Ion: 75 Resp: 44977
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.9 128.9#
 89 0.0 36.2 54.4#

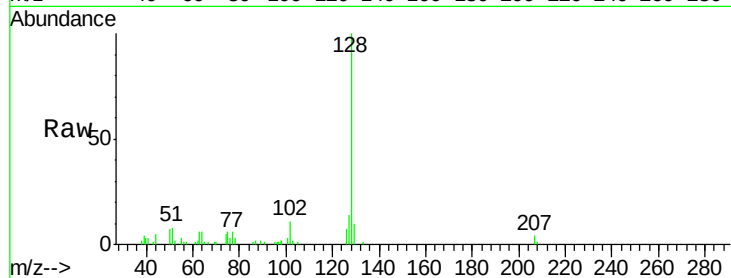




#95
Naphthalene
Concen: 7.794 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015811.D
Acq: 08 Jul 2020 15:56

Instrument :
MSVOA_W
ClientSampleId :
OK-02-070720

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.6	16.0
129	11.3	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

