

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070920\
 Data File : VW015834.D
 Acq On : 09 Jul 2020 17:24
 Operator : SY/VA
 Sample : L3246-01RE
 Misc : 7.19G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JA-COMPRE

Quant Time: Jul 10 05:45:15 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	140429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	243052	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	206162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113525	78.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	157.02%	
35) Dibromofluoromethane	7.89	113	96765	68.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.48%	
50) Toluene-d8	10.32	98	352827	64.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.56%	
62) 4-Bromofluorobenzene	12.62	95	101769	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

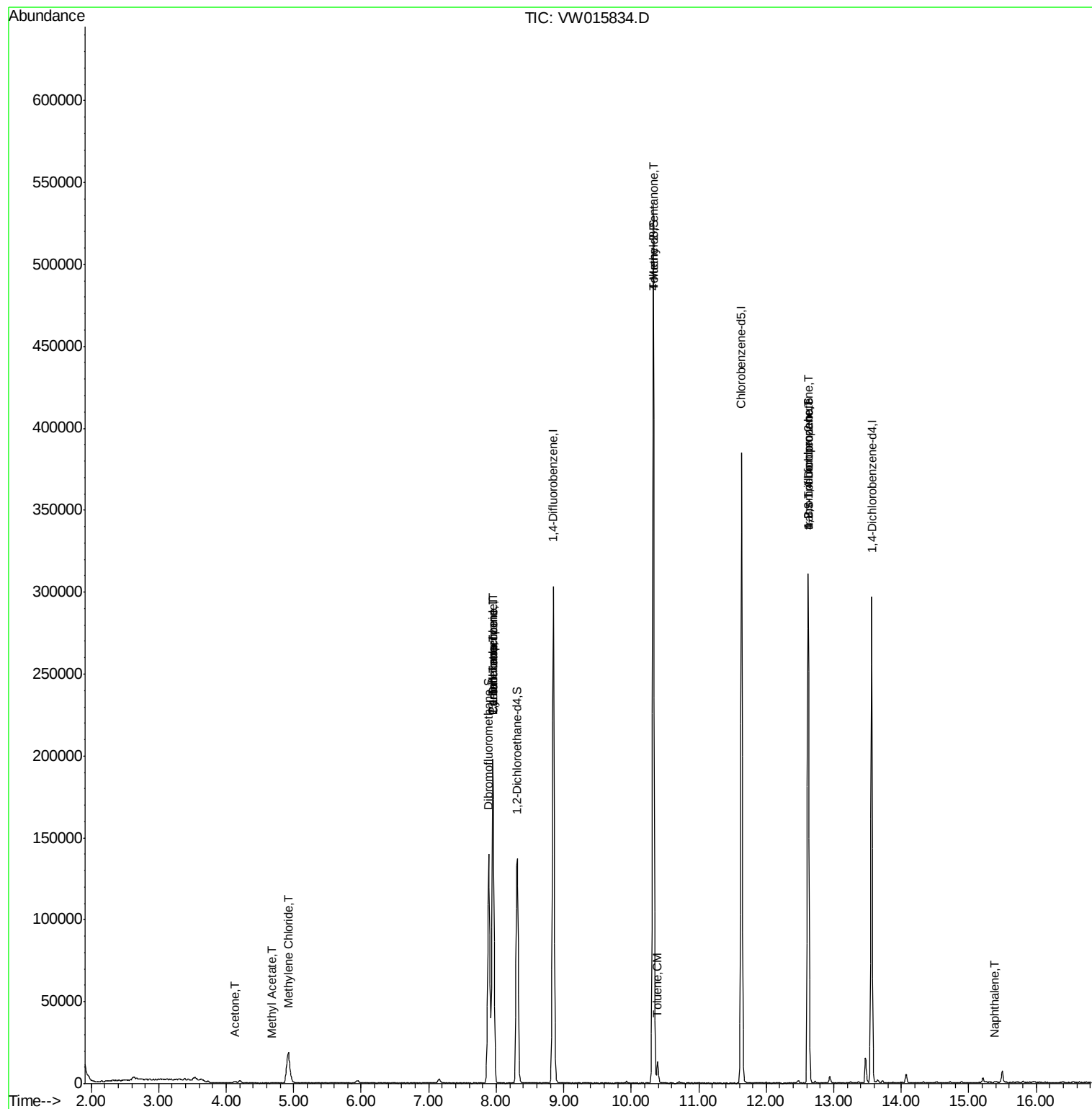
					Qvalue	
16) Acetone	4.12	43	1873	6.922	ug/l	94
18) Methyl Acetate	4.68	43	767	1.246	ug/l #	57
20) Methylene Chloride	4.92	84	15517	7.268	ug/l	92
31) Cyclohexane	7.95	56	3409	1.362	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	12058	5.033	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14497	6.253	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1920	2.165	ug/l #	1
52) Toluene	10.39	92	5210	1.234	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	54176	83.113	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	54176	178.168	ug/l #	7
95) Naphthalene	15.37	128	393	2.965	ug/l #	69

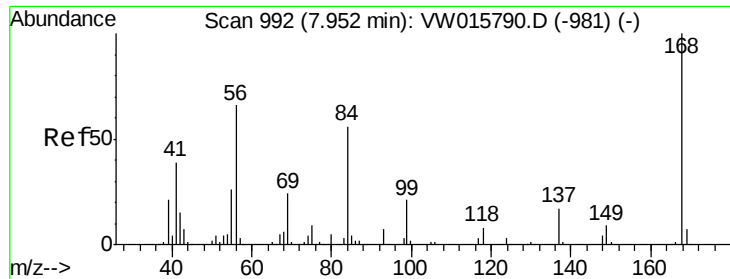
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 10 05:45:15 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: VW015834.D

Acq: 09 Jul 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

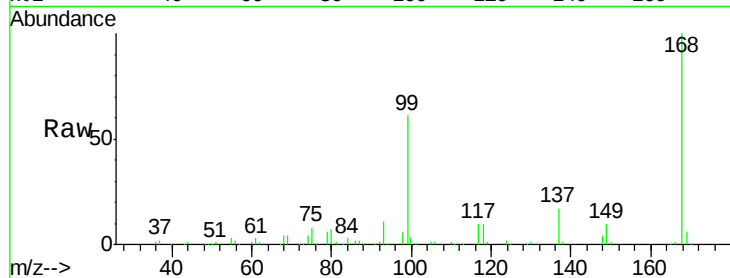
JA-COMPRE

Tot Ion:168 Resp: 140429

Ion Ratio Lower Upper

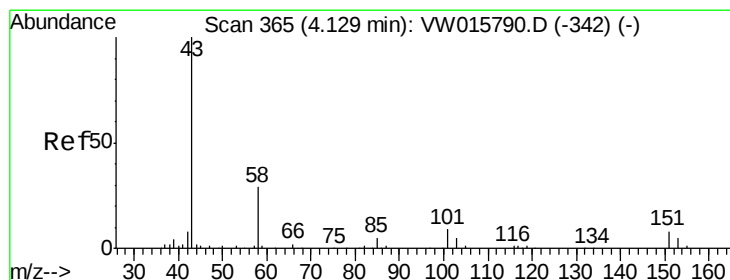
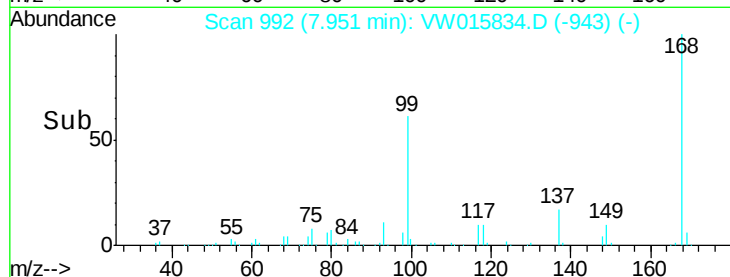
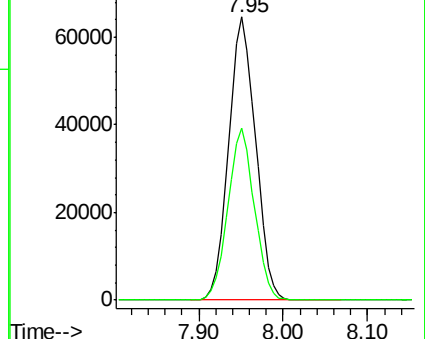
168 100

99 61.0 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: 6.922 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW015834.D

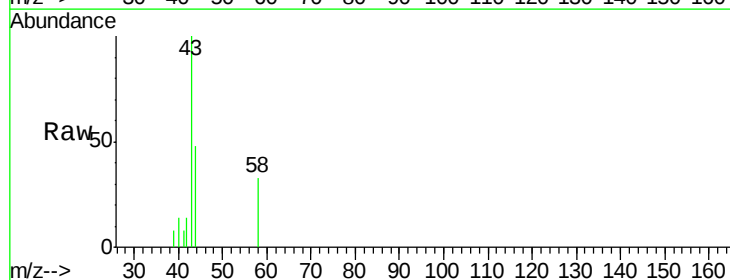
Acq: 09 Jul 2020 17:24

Tgt Ion: 43 Resp: 1873

Ion Ratio Lower Upper

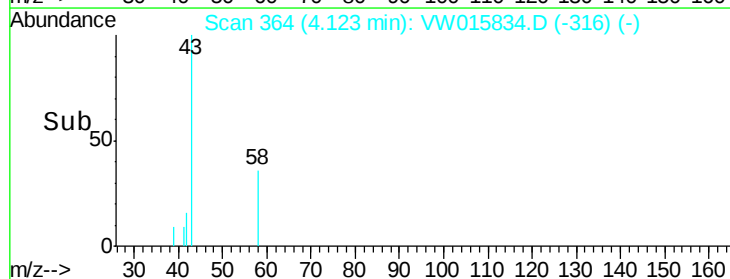
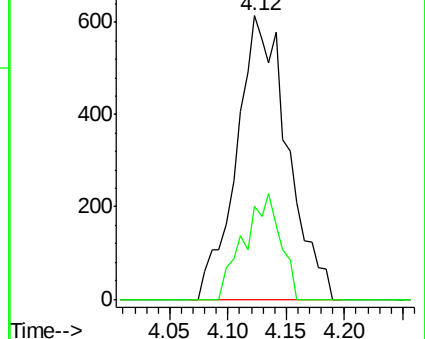
43 100

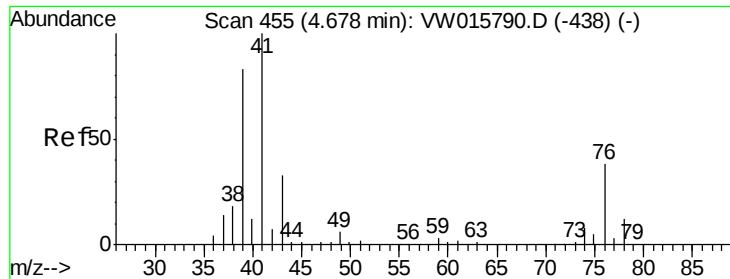
58 32.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

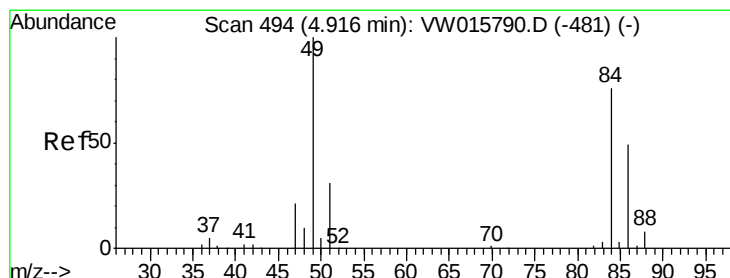
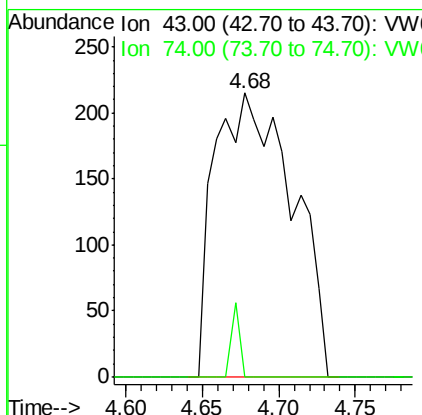
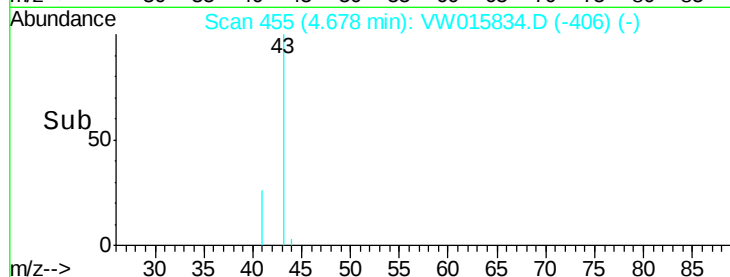
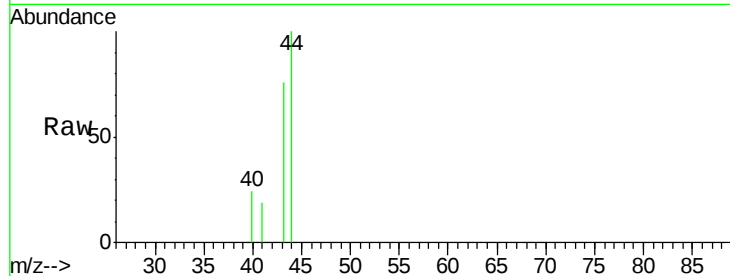




#18
Methyl Acetate
Concen: 1.246 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015834.D
Acq: 09 Jul 2020 17:24

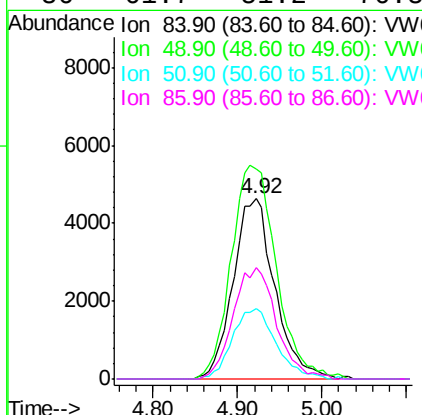
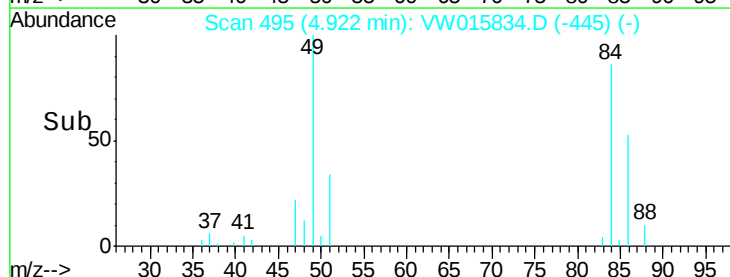
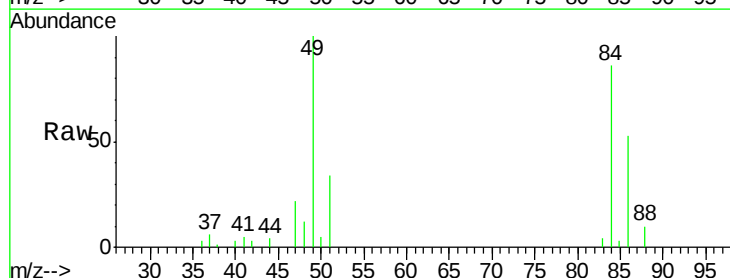
Instrument :
MSVOA_W
ClientSampleId :
JA-COMPRE

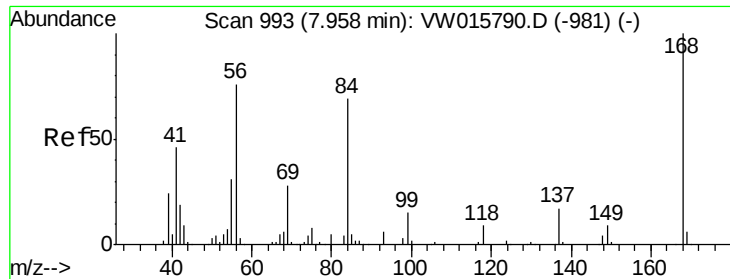
Tot Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
74 2.6 19.2 28.8#



#20
Methylene Chloride
Concen: 7.268 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015834.D
Acq: 09 Jul 2020 17:24

Tgt Ion: 84 Resp: 15517
Ion Ratio Lower Upper
84 100
49 116.3 105.0 157.6
51 39.2 32.3 48.5
86 61.7 51.2 76.8

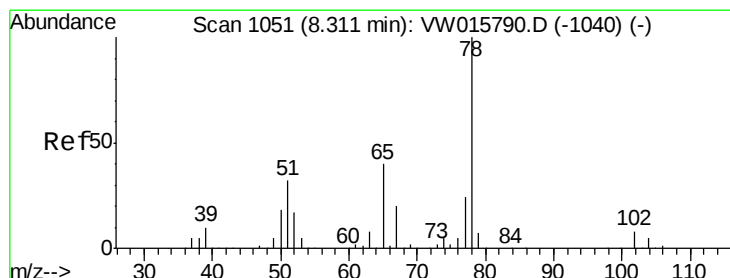
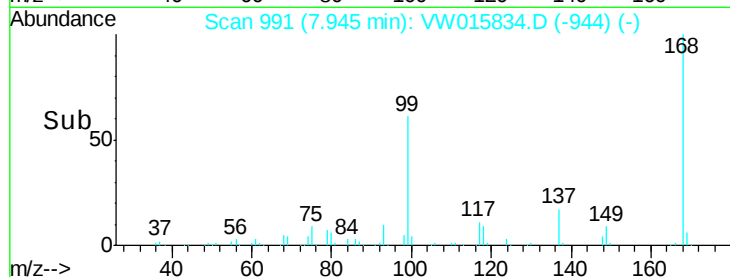
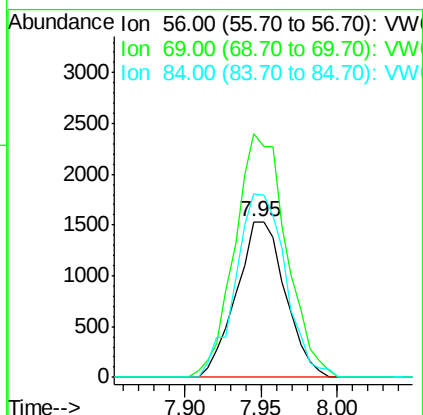
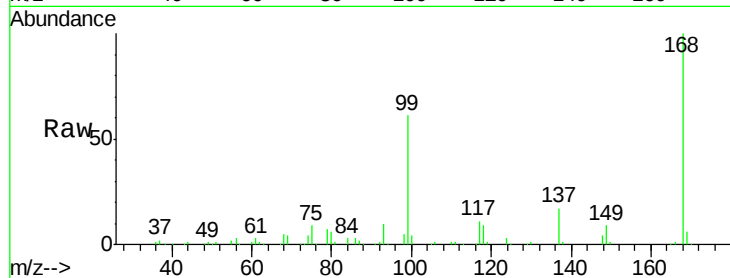




#31
Cyclohexane
Concen: 1.362 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015834.D
Acq: 09 Jul 2020 17:24

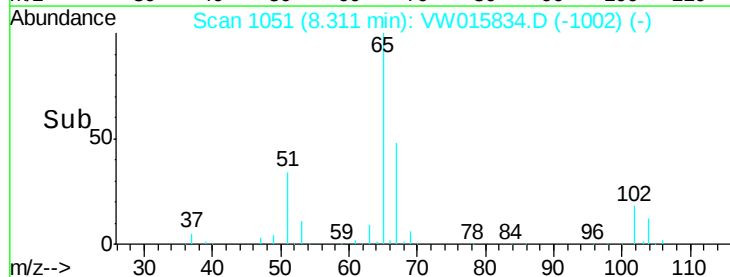
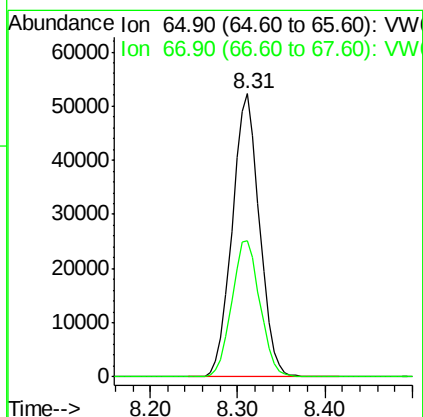
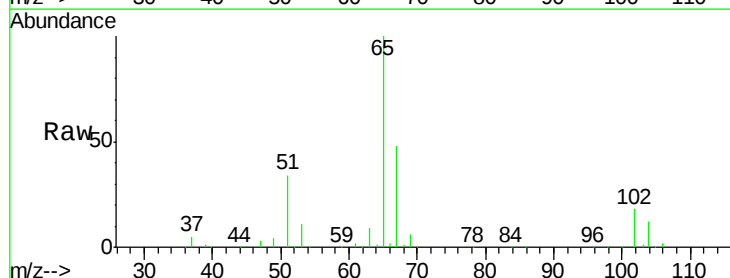
Instrument :
MSVOA_W
ClientSampleId :
JA-COMPRE

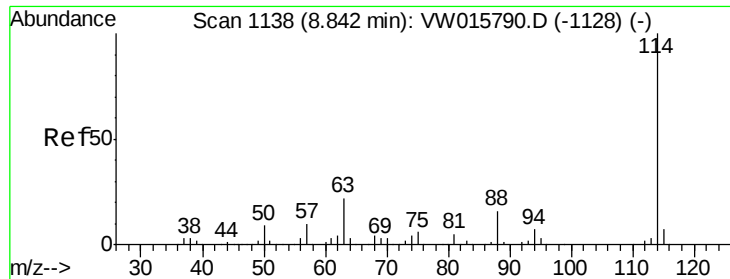
Tot Ion: 56 Resp: 3409
Ion Ratio Lower Upper
56 100
69 156.6 28.9 43.3#
84 118.4 72.2 108.4#



#33
1,2-Dichloroethane-d4
Concen: 78.506 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW015834.D
Acq: 09 Jul 2020 17:24

Tgt Ion: 65 Resp: 113525
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.4

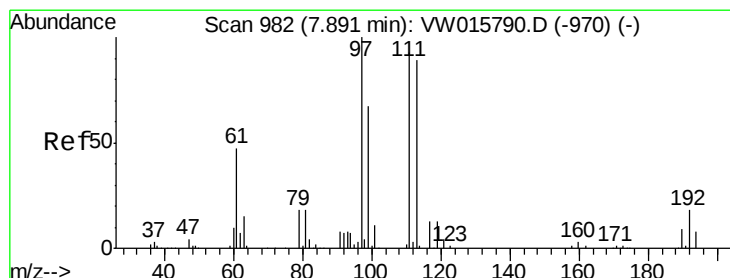
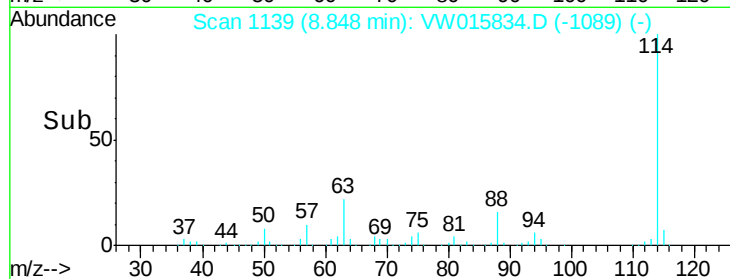
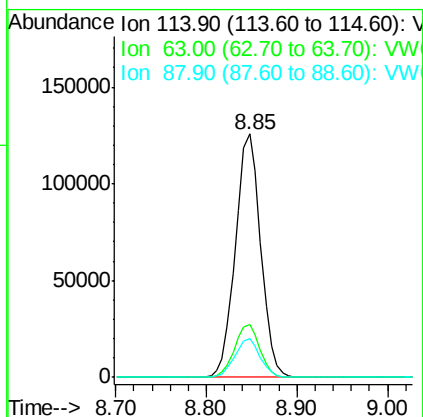
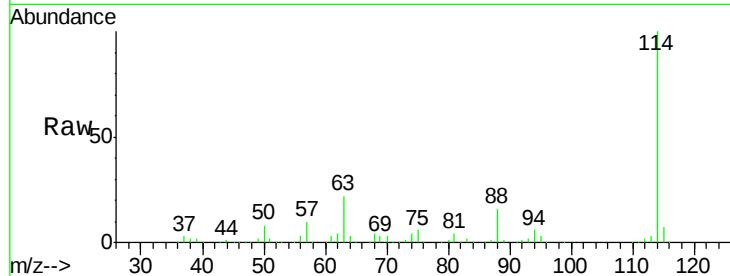




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015834.D
 Acq: 09 Jul 2020 17:24

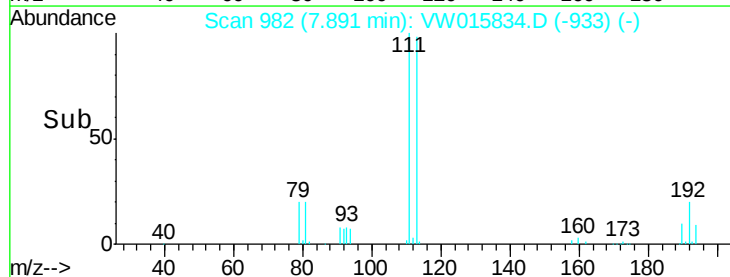
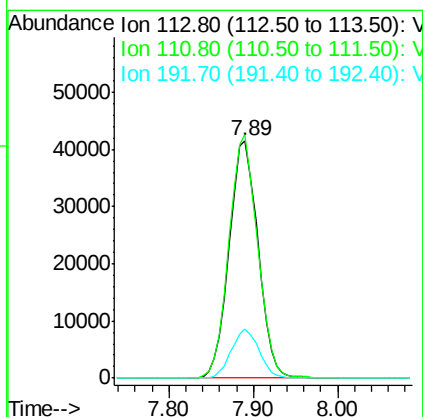
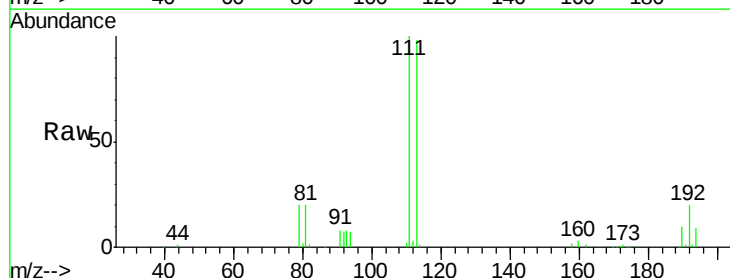
Instrument :
 MSVOA_W
 ClientSampleId :
 JA-COMPRE

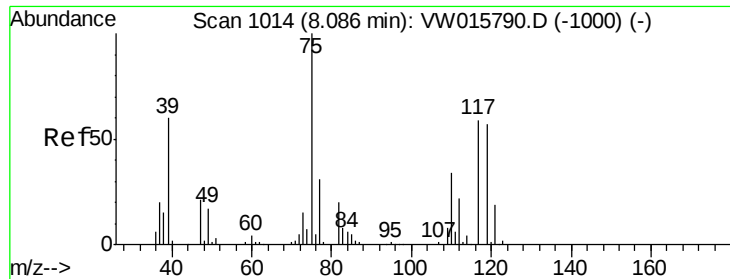
Tot Ion:114 Resp: 243052
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.4
 88 15.9 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 68.240 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW015834.D
 Acq: 09 Jul 2020 17:24

Tgt Ion:113 Resp: 96765
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.8 124.2
 192 19.6 15.4 23.2

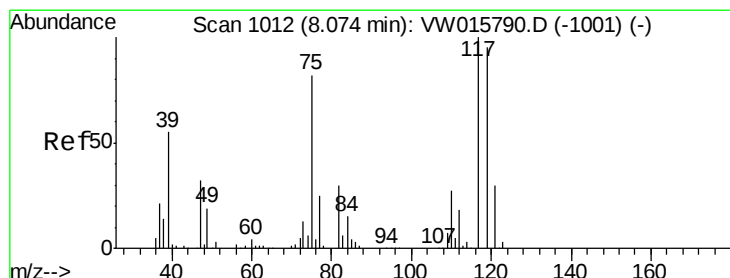
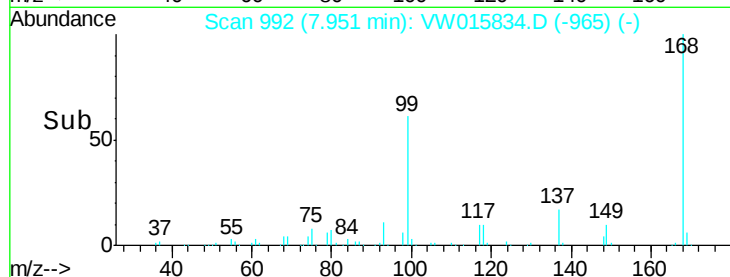
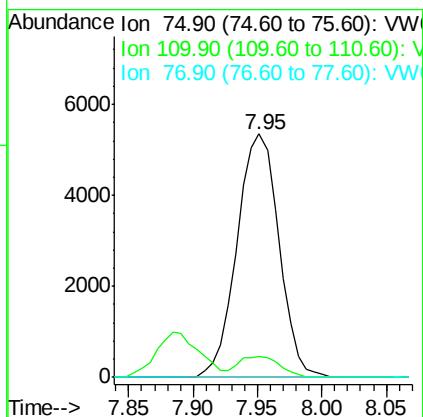
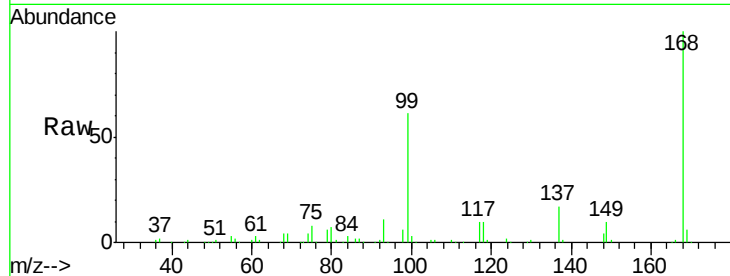




#36
 1,1-Dichloropropene
 Concen: 5.033 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW015834.D
 Acq: 09 Jul 2020 17:24

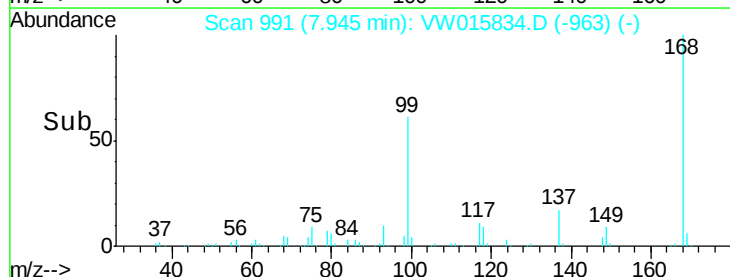
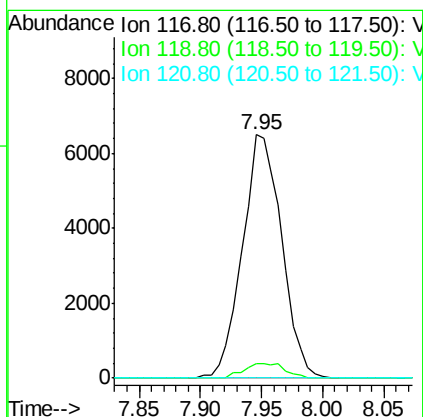
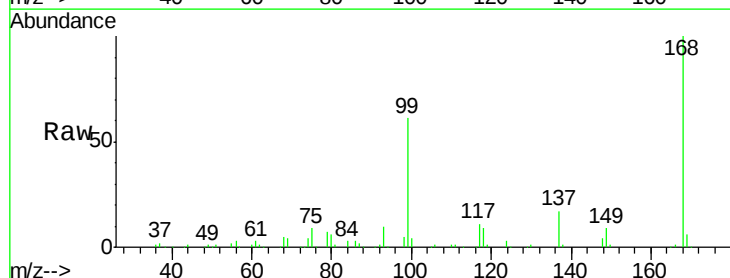
Instrument :
 MSVOA_W
 ClientSampleId :
 JA-COMPRE

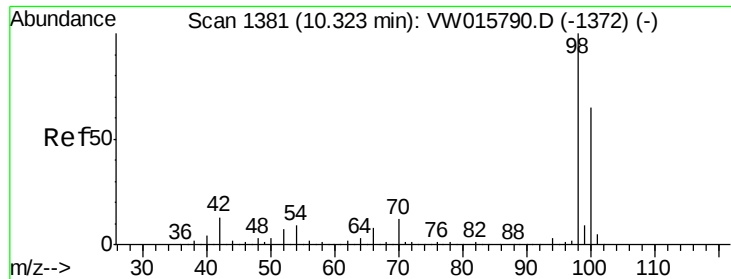
Tot Ion: 75 Resp: 12058
 Ion Ratio Lower Upper
 75 100
 110 8.4 16.8 50.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 6.253 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW015834.D
 Acq: 09 Jul 2020 17:24

Tgt Ion: 117 Resp: 14497
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.3 114.5#
 121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 64.777 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015834.D

Acq: 09 Jul 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

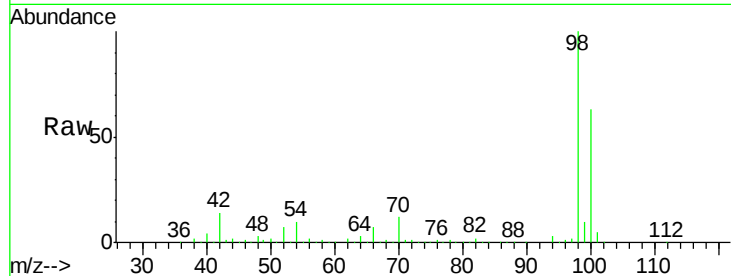
JA-COMPRE

Tot Ion: 98 Resp: 352827

Ion Ratio Lower Upper

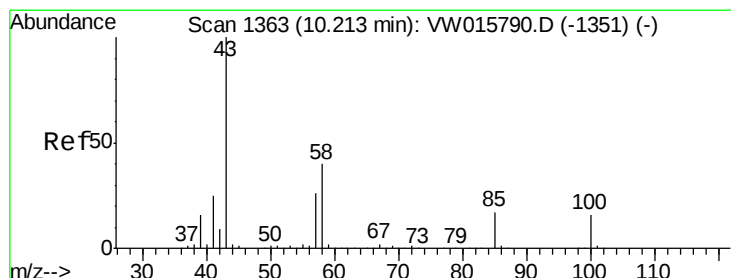
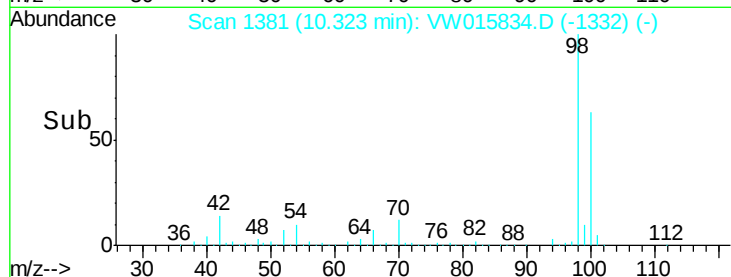
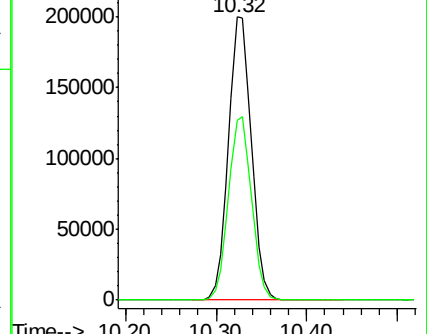
98 100

100 65.0 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 2.165 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015834.D

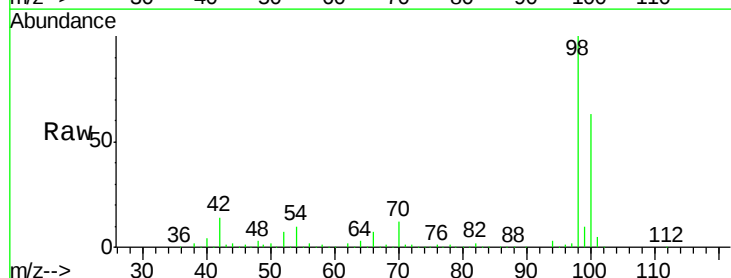
Acq: 09 Jul 2020 17:24

Tgt Ion: 43 Resp: 1920

Ion Ratio Lower Upper

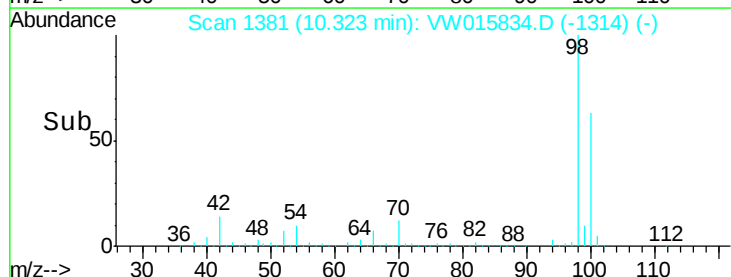
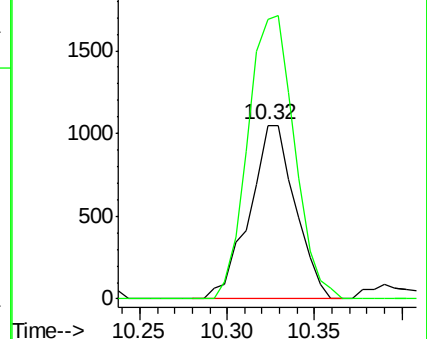
43 100

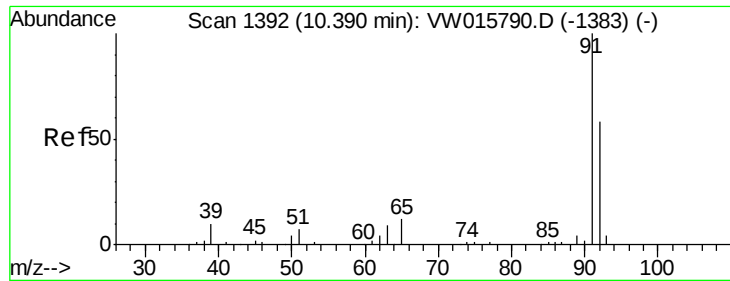
58 166.0 30.9 46.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#52

Toluene

Concen: 1.234 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015834.D

Acq: 09 Jul 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

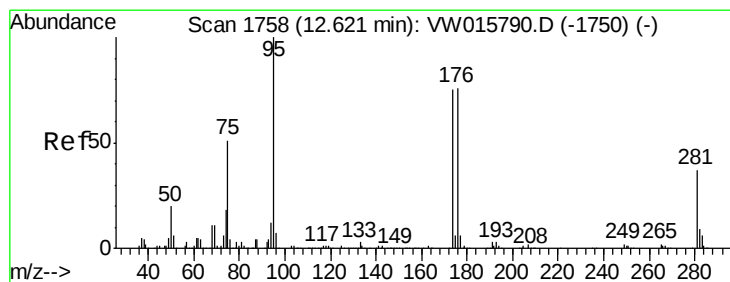
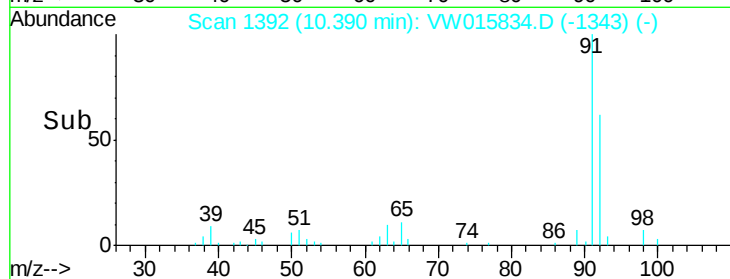
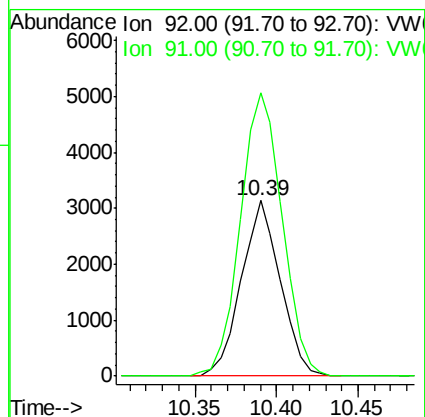
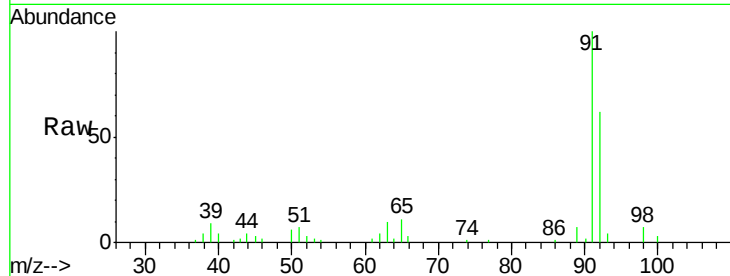
JA-COMPRE

Tot Ion: 92 Resp: 5210

Ion Ratio Lower Upper

92 100

91 172.7 137.1 205.7



#62

4-Bromofluorobenzene

Concen: 50.918 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW015834.D

Acq: 09 Jul 2020 17:24

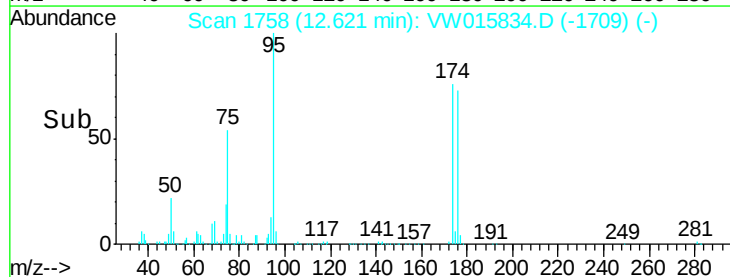
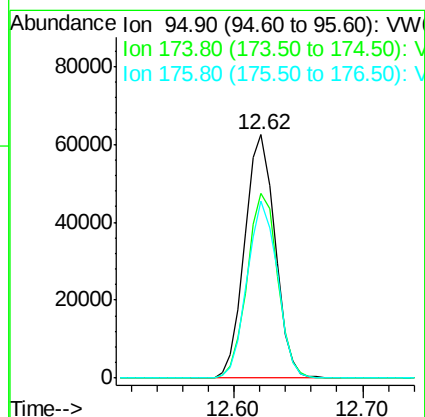
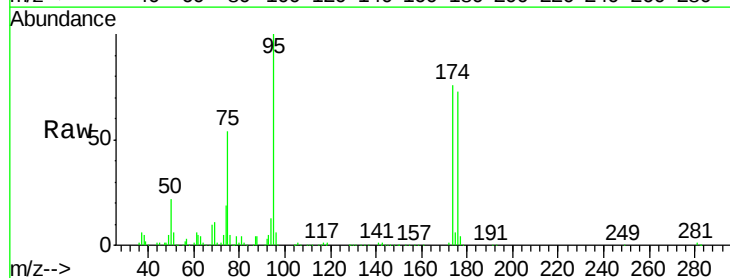
Tgt Ion: 95 Resp: 101769

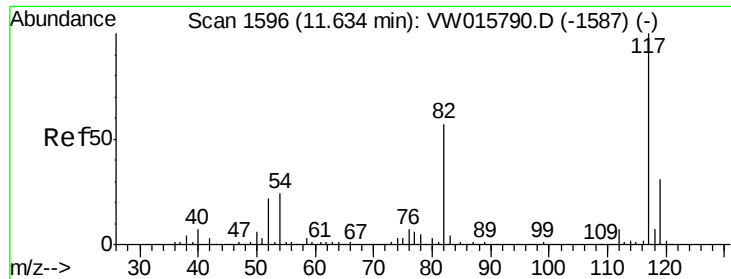
Ion Ratio Lower Upper

95 100

174 76.1 0.0 150.2

176 72.6 0.0 148.4

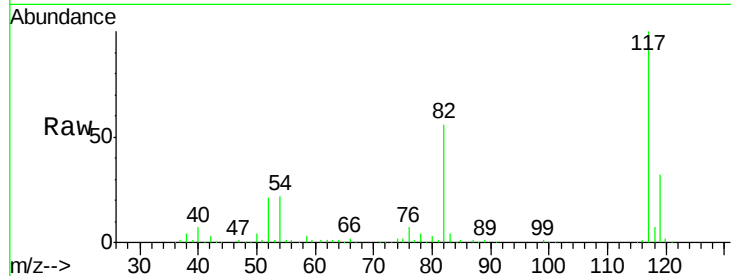




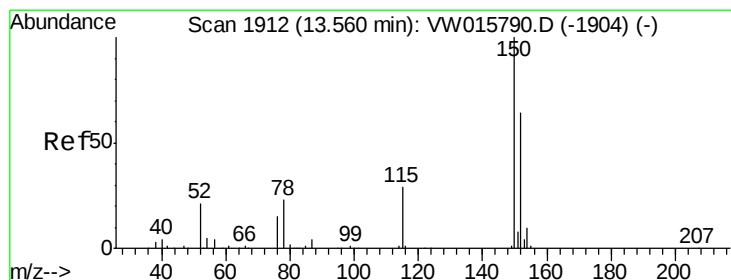
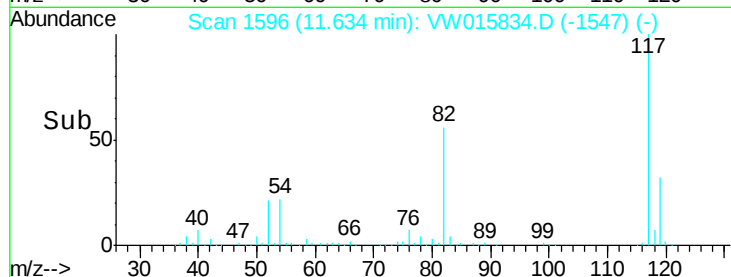
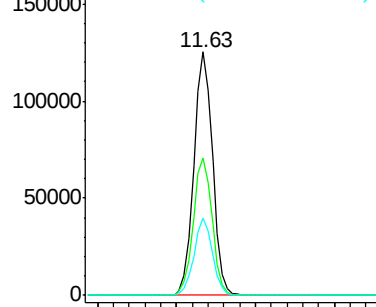
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015834.D
Acq: 09 Jul 2020 17:24

Instrument :
MSVOA_W
ClientSampleId :
JA-COMPRE

Tot Ion:117 Resp: 206162
Ion Ratio Lower Upper
117 100
82 56.4 45.5 68.3
119 31.9 25.0 37.6

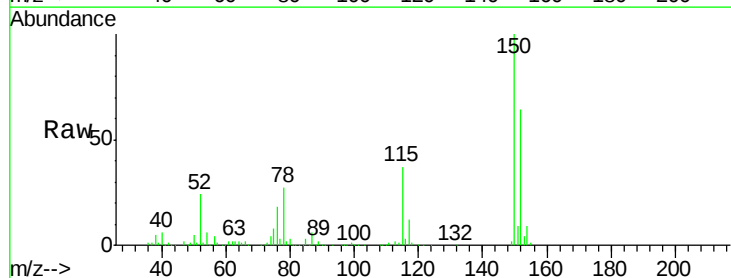


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

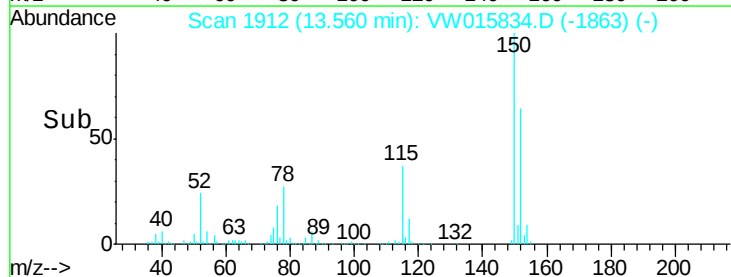
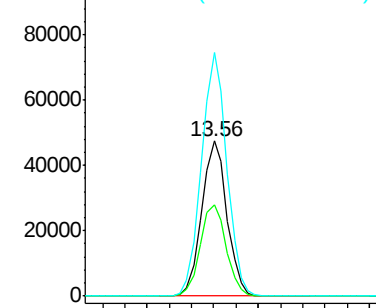


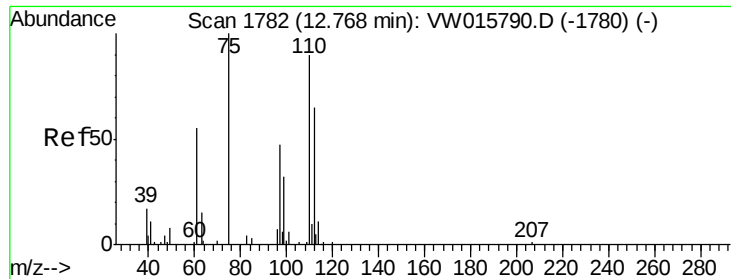
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015834.D
Acq: 09 Jul 2020 17:24

Tgt Ion:152 Resp: 74168
Ion Ratio Lower Upper
152 100
115 60.9 29.9 89.7
150 157.5 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: 83.113 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015834.D

Acq: 09 Jul 2020 17:24

Instrument :

MSVOA_W

ClientSampleId :

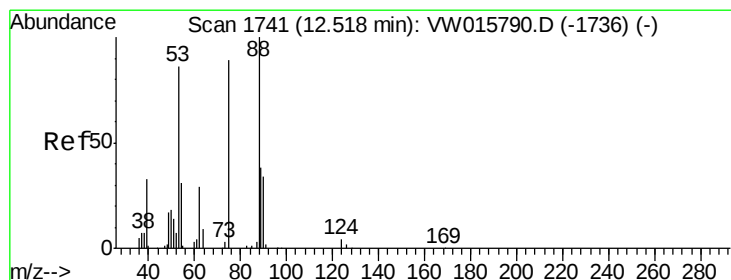
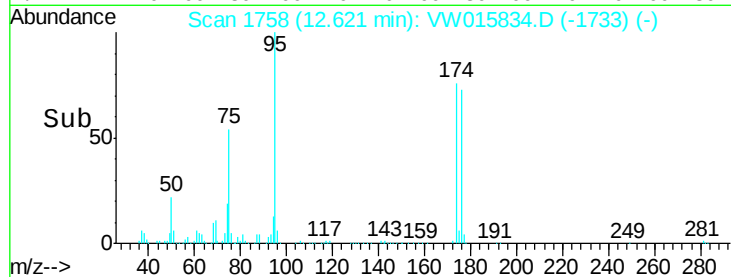
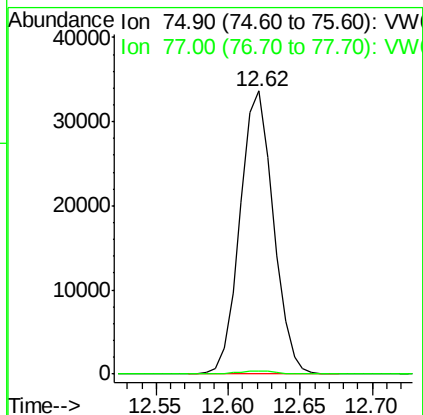
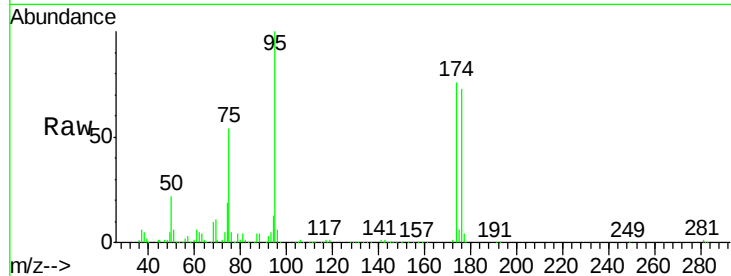
JA-COMPRE

Tot Ion: 75 Resp: 54176

Ion Ratio Lower Upper

75 100

77 1.2 177.3 532.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 178.168 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW015834.D

Acq: 09 Jul 2020 17:24

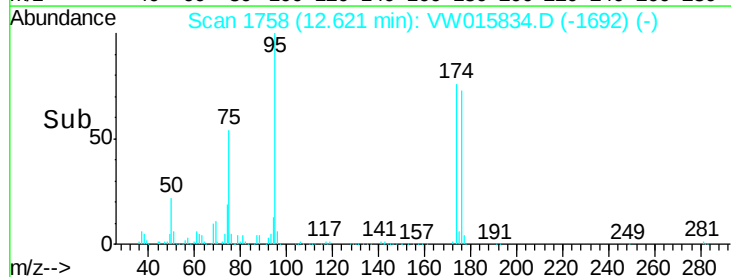
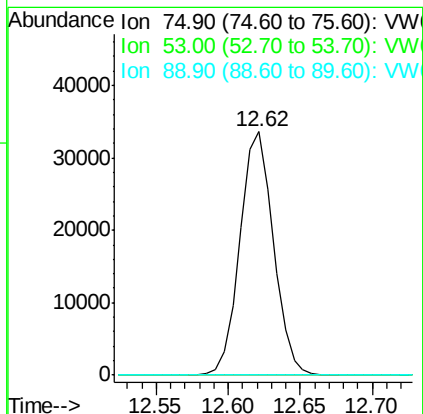
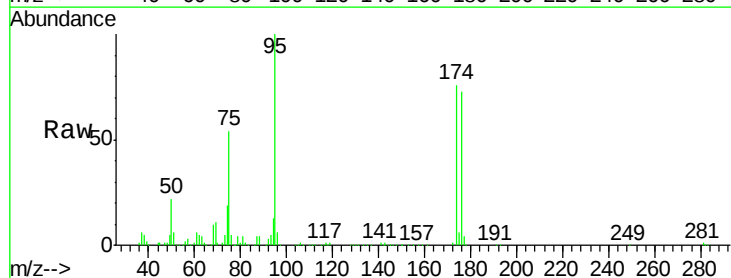
Tgt Ion: 75 Resp: 54176

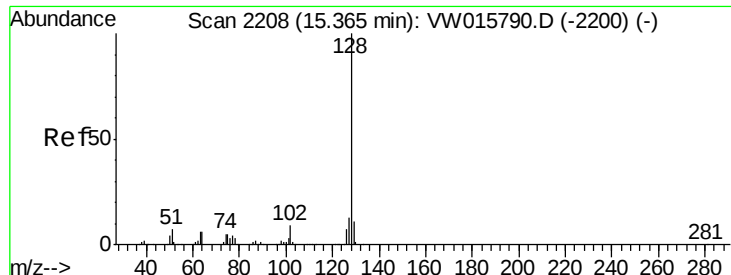
Ion Ratio Lower Upper

75 100

53 0.1 85.9 128.9#

89 0.0 36.2 54.4#





#95
 Naphthalene
 Concen: 2.965 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VW015834.D
 Acq: 09 Jul 2020 17:24

Instrument :
 MSVOA_W
 ClientSampleId :
 JA-COMPRE

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.7	13.1#

