

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015707.D
 Acq On : 25 Jun 2020 02:49
 Operator : SY/VA
 Sample : L3099-03
 Misc : 8.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Jun 25 04:09:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	159491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	284571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127737	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	111308	62.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.44%	
35) Dibromofluoromethane	7.88	113	90915	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	10.32	98	376518	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	135560	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	

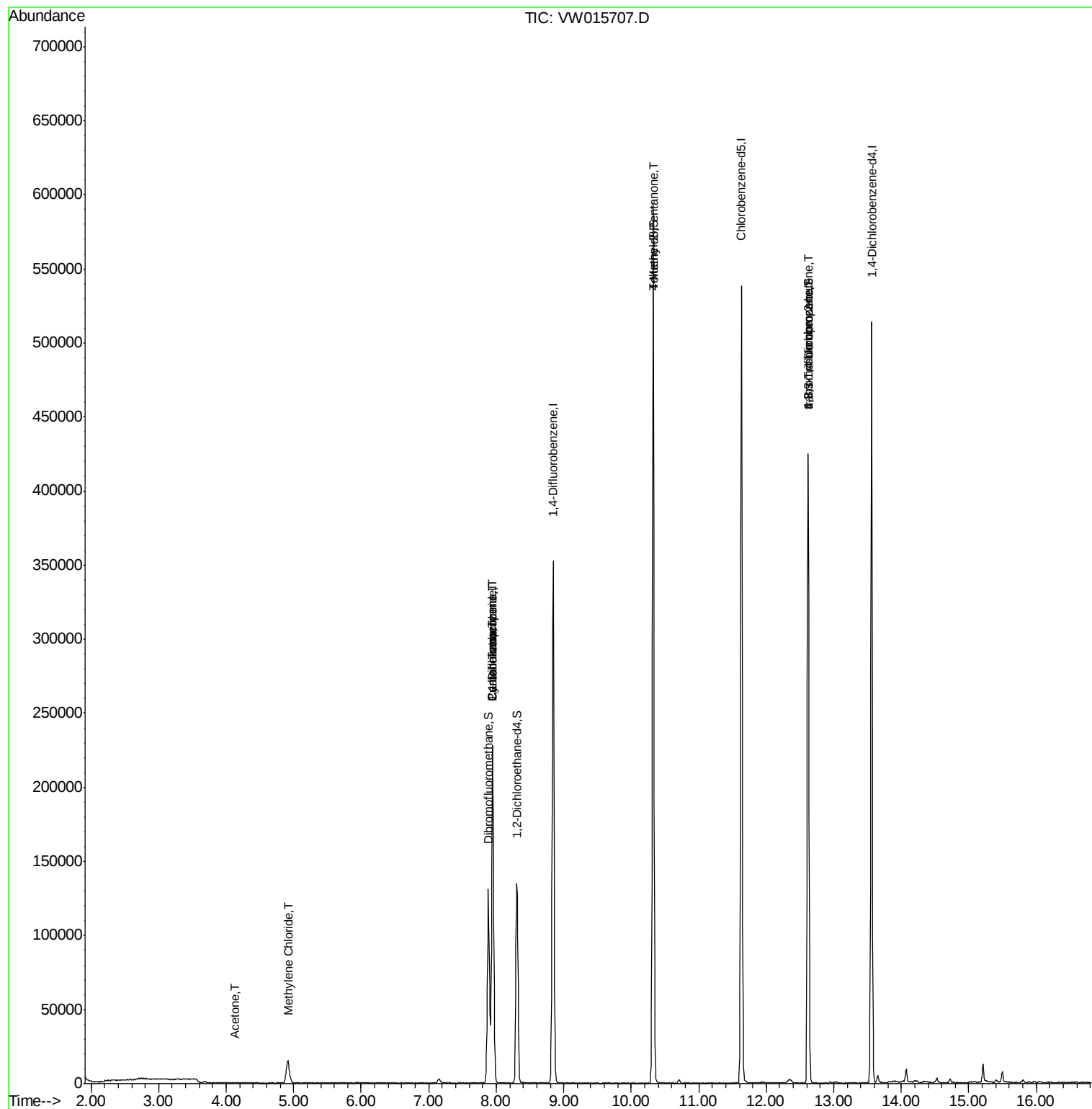
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	722	2.140	ug/l #	47
18) Methyl Acetate	4.68	43	49	Below Cal	#	52
20) Methylene Chloride	4.92	84	12070	3.068	ug/l	98
31) Cyclohexane	7.95	56	3940	1.289	ug/l #	40
36) 1,1-Dichloropropene	7.95	75	13259	4.480	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16510	5.754	ug/l #	19
51) 4-Methyl-2-Pentanone	10.32	43	1965	1.807	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	74293	63.762	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	74293	160.683	ug/l #	8

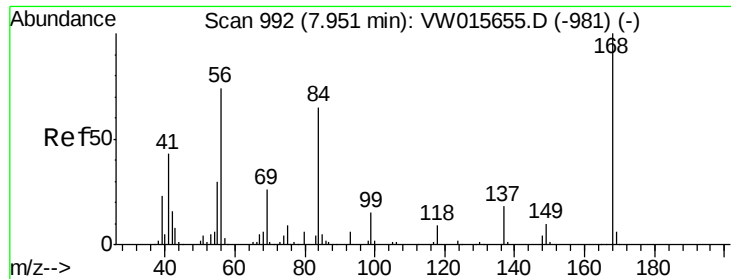
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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TP-4

Quant Time: Jun 25 04:09:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015707.D

Acq: 25 Jun 2020 02:49

Instrument :

MSVOA_W

ClientSampled :

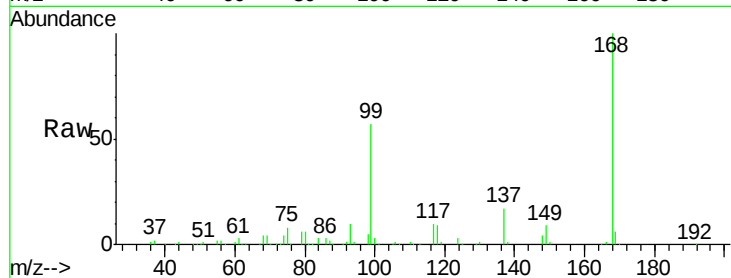
TP-4

Tgt Ion: 168 Resp: 159491

Ion Ratio Lower Upper

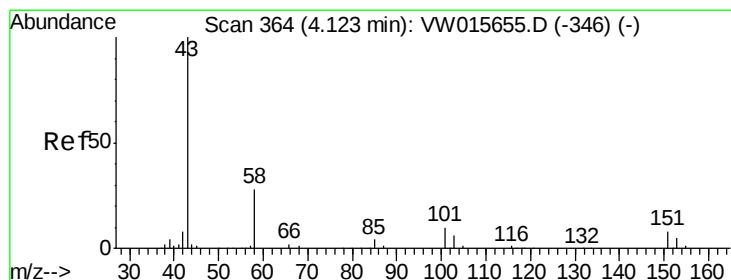
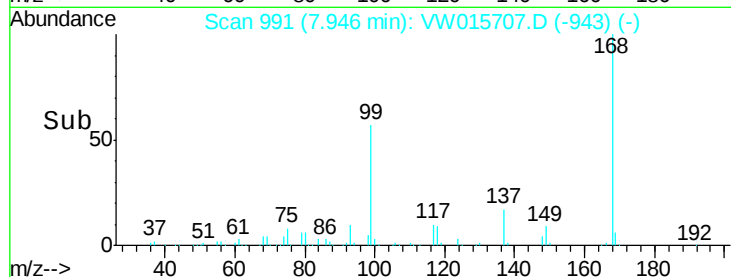
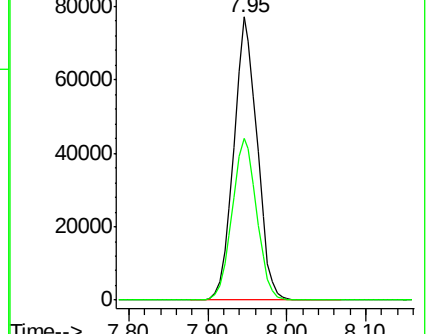
168 100

99 57.2 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.140 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015707.D

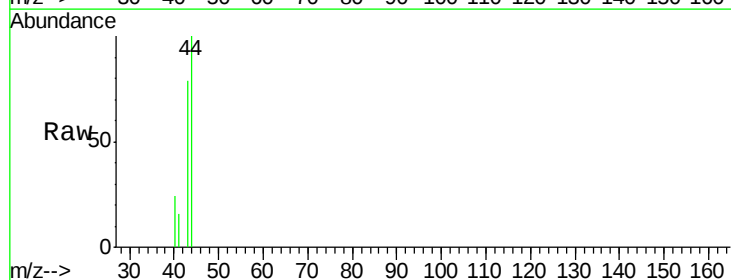
Acq: 25 Jun 2020 02:49

Tgt Ion: 43 Resp: 722

Ion Ratio Lower Upper

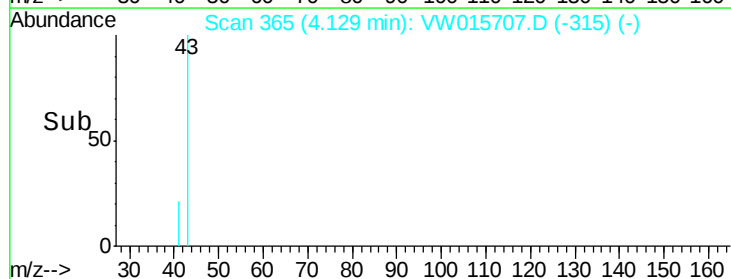
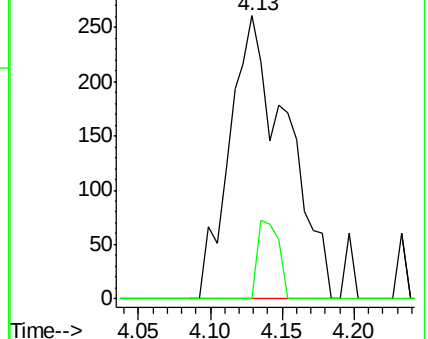
43 100

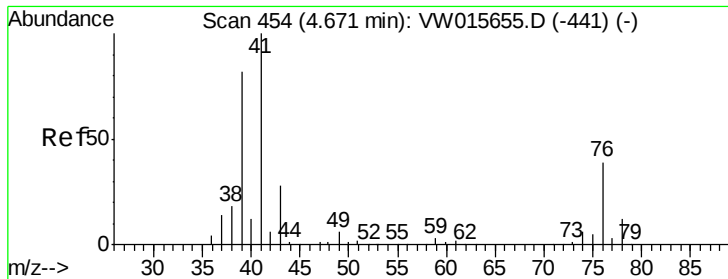
58 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

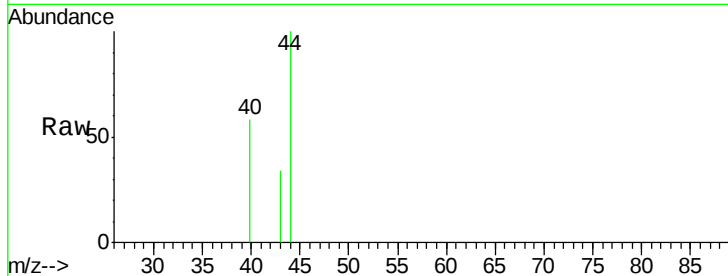




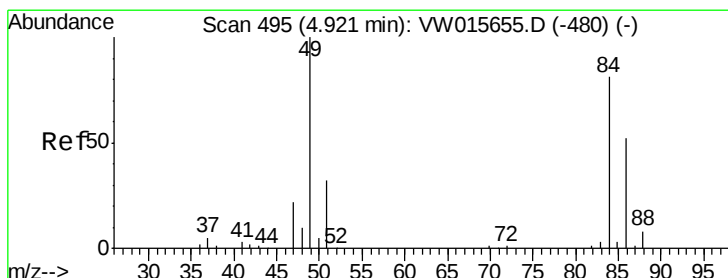
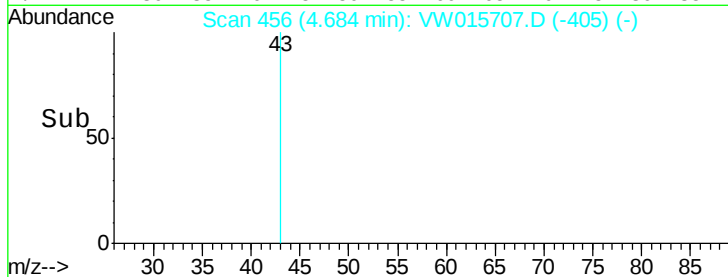
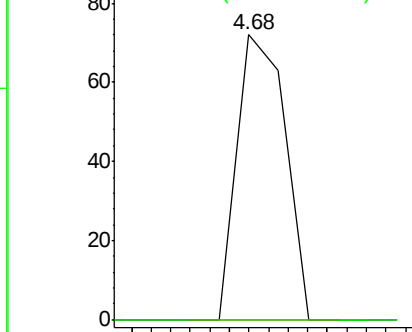
#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015707.D
Acq: 25 Jun 2020 02:49

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

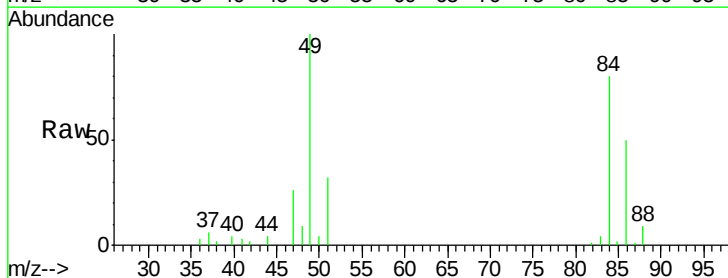


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 74.00 (73.70 to 74.70): VW

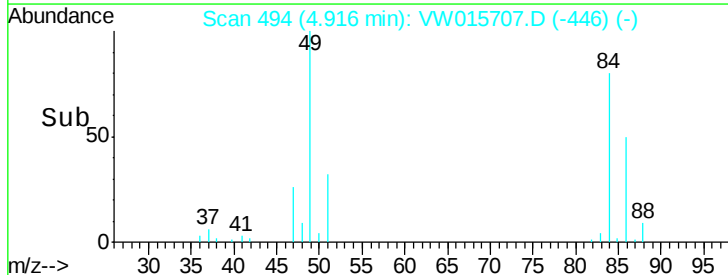
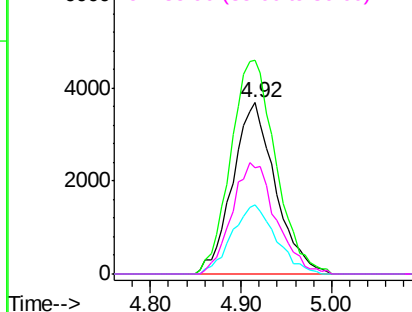


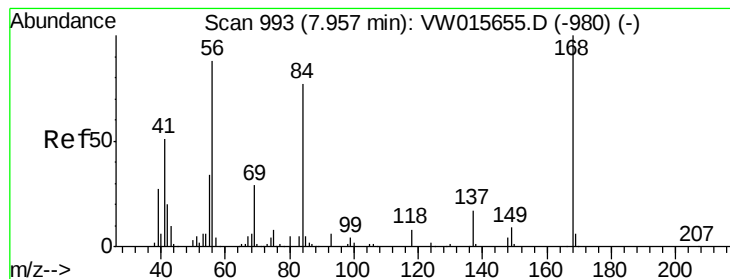
#20
Methylene Chloride
Concen: 3.068 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015707.D
Acq: 25 Jun 2020 02:49

Tgt Ion: 84 Resp: 12070
Ion Ratio Lower Upper
84 100
49 124.9 99.3 148.9
51 40.5 31.8 47.6
86 61.9 51.7 77.5



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: 1.289 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW015707.D

Acq: 25 Jun 2020 02:49

Instrument :
MSVOA_W
ClientSampled :
TP-4

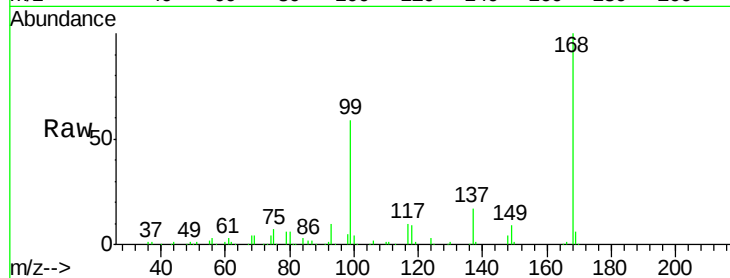
Tgt Ion: 56 Resp: 3940

Ion Ratio Lower Upper

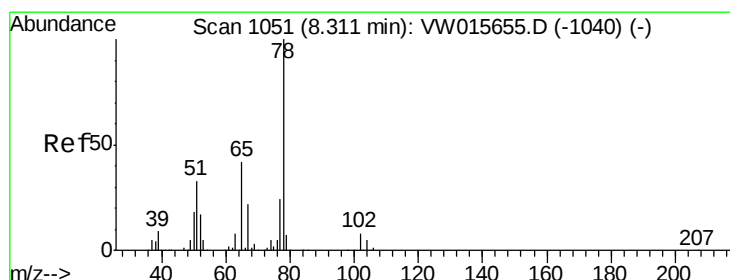
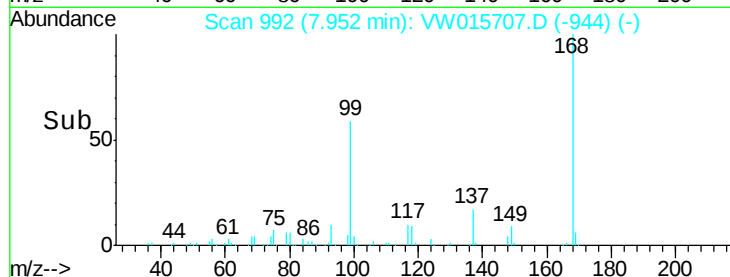
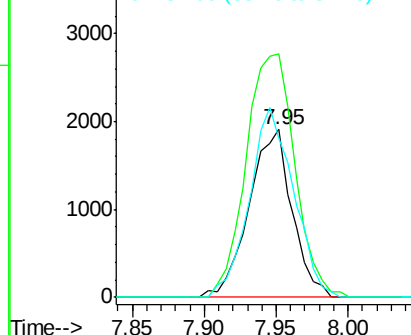
56 100

69 145.4 26.2 39.4#

84 95.2 70.4 105.6



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: 62.724 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW015707.D

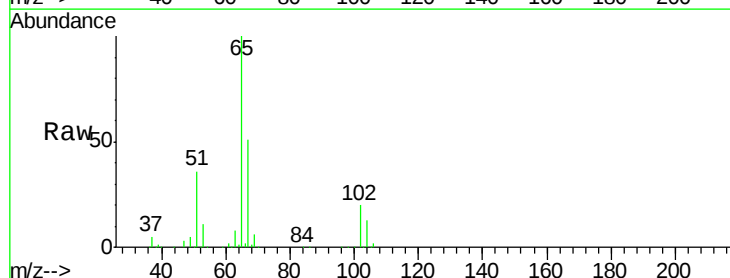
Acq: 25 Jun 2020 02:49

Tgt Ion: 65 Resp: 111308

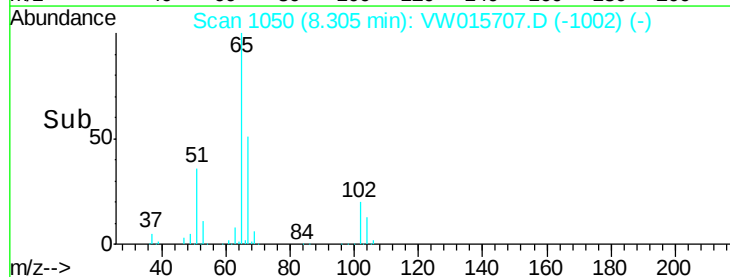
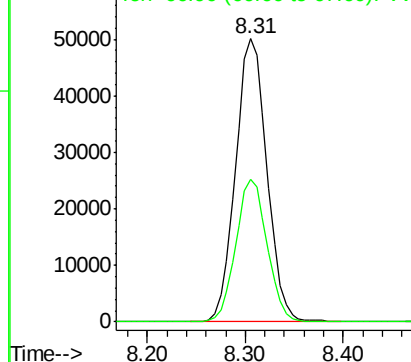
Ion Ratio Lower Upper

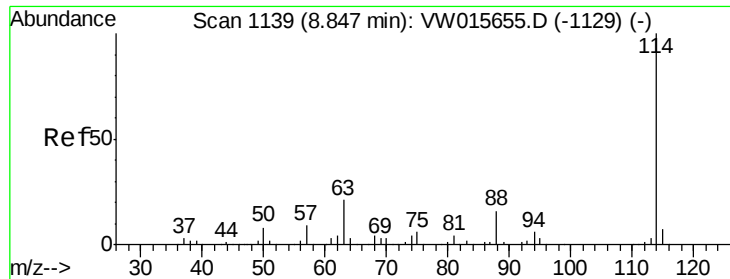
65 100

67 50.4 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

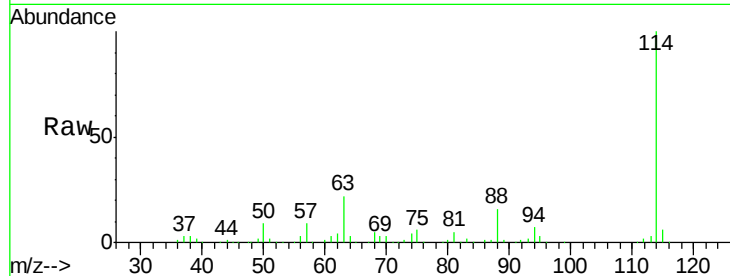




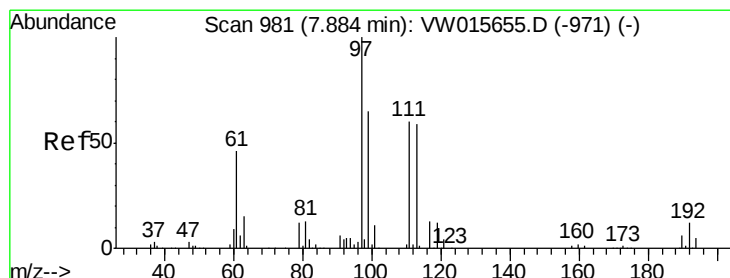
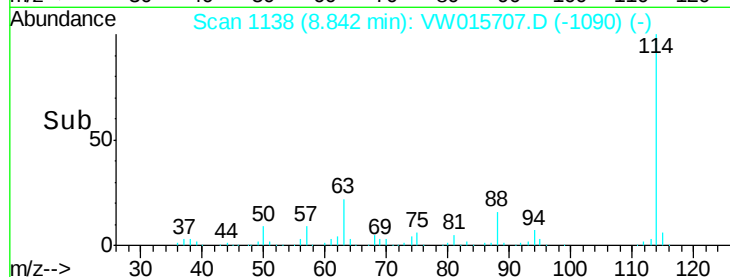
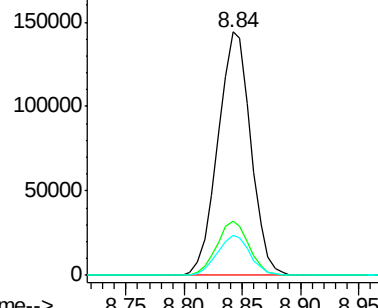
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015707.D
 Acq: 25 Jun 2020 02:49

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Tgt Ion:114 Resp: 284571
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 42.4
 88 16.3 0.0 32.6

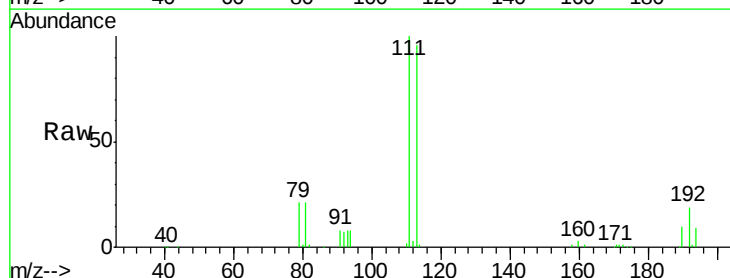


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

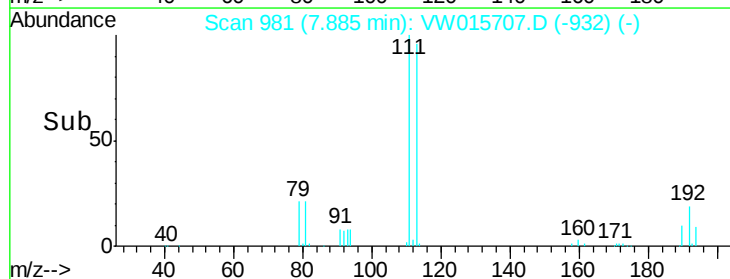
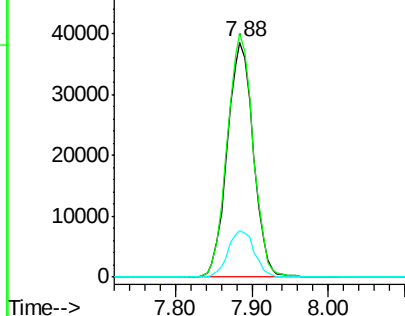


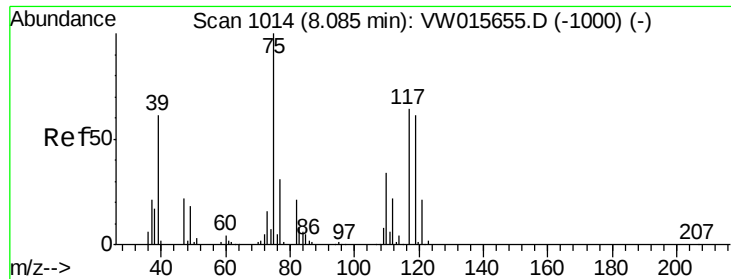
#35
 Dibromofluoromethane
 Concen: 50.789 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015707.D
 Acq: 25 Jun 2020 02:49

Tgt Ion:113 Resp: 90915
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.3 123.5
 192 19.9 16.4 24.6



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

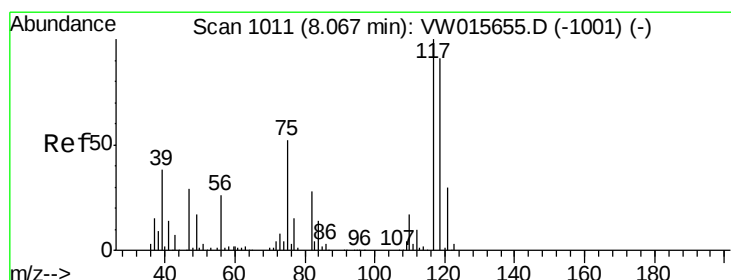
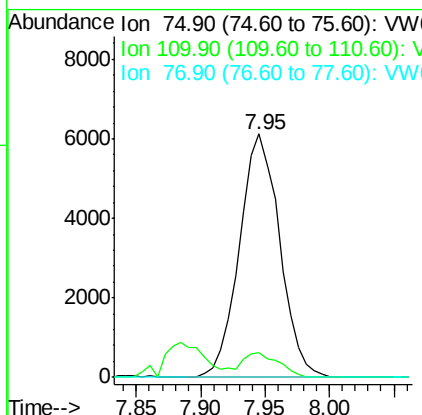
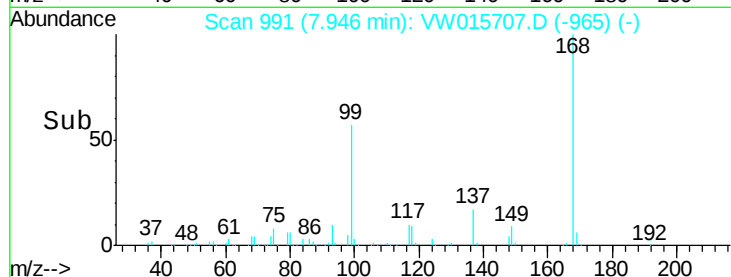
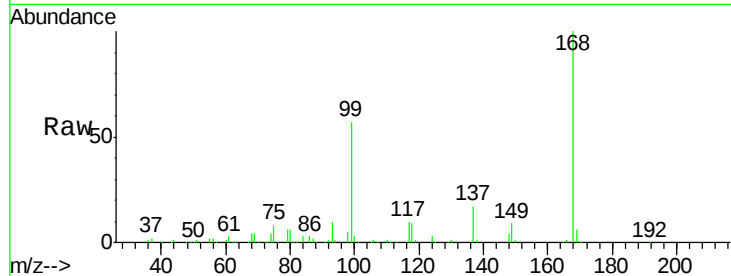




#36
 1,1-Dichloropropene
 Concen: 4.480 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015707.D
 Acq: 25 Jun 2020 02:49

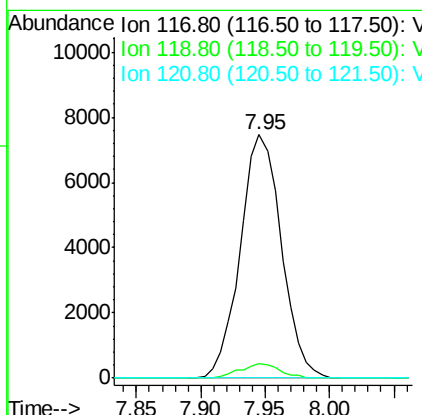
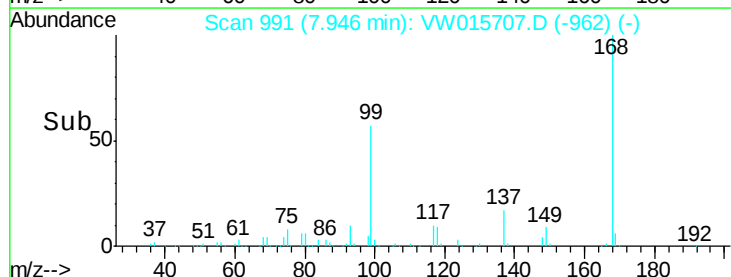
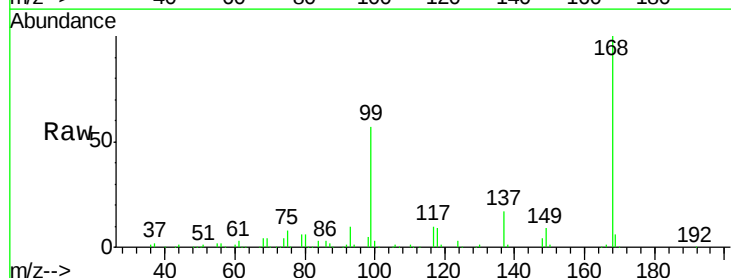
Instrument :
 MSVOA_W
 ClientSampled :
 TP-4

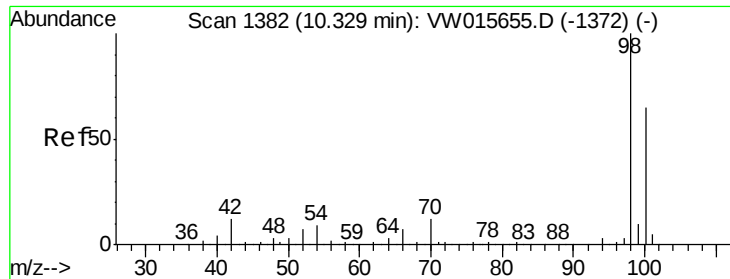
Tgt Ion: 75 Resp: 13259
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.0 51.0#
 77 0.0 24.6 36.8#



#38
 Carbon Tetrachloride
 Concen: 5.754 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW015707.D
 Acq: 25 Jun 2020 02:49

Tgt Ion: 117 Resp: 16510
 Ion Ratio Lower Upper
 117 100
 119 6.1 73.2 109.8#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 53.449 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015707.D

Acq: 25 Jun 2020 02:49

Instrument :

MSVOA_W

ClientSampleId :

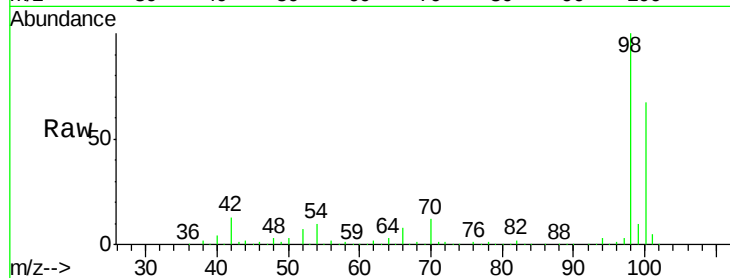
TP-4

Tgt Ion: 98 Resp: 376518

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

150000

100000

50000

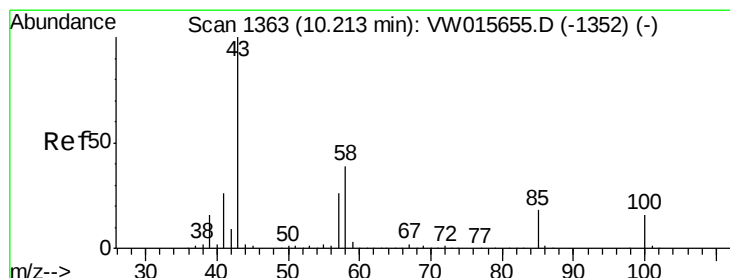
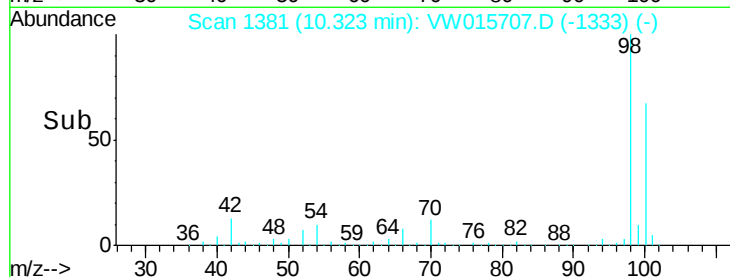
0

10.32

10.30

10.40

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.807 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015707.D

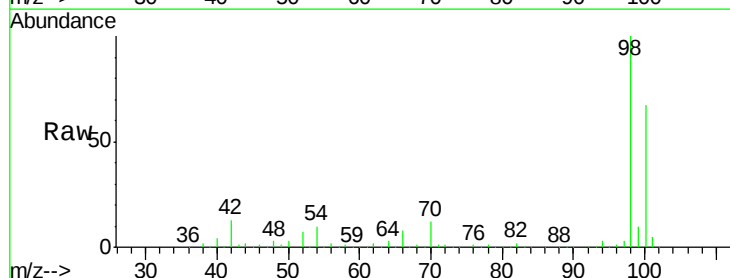
Acq: 25 Jun 2020 02:49

Tgt Ion: 43 Resp: 1965

Ion Ratio Lower Upper

43 100

58 162.8 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

1000

500

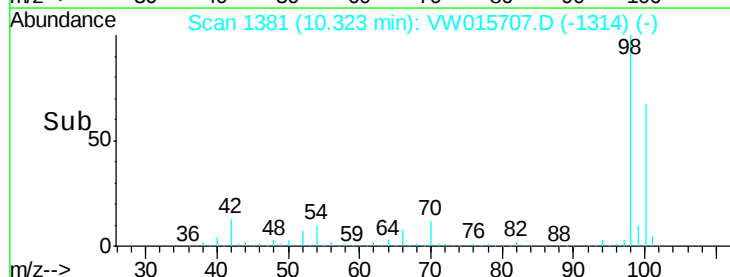
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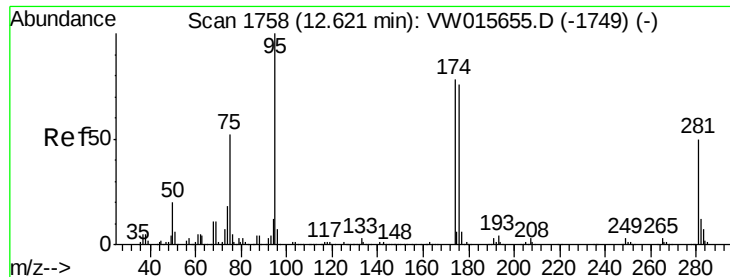
10.32

10.30

10.35

Time-->





#62

4-Bromofluorobenzene

Concen: 52.253 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015707.D

Acq: 25 Jun 2020 02:49

Instrument :

MSVOA_W

ClientSampled :

TP-4

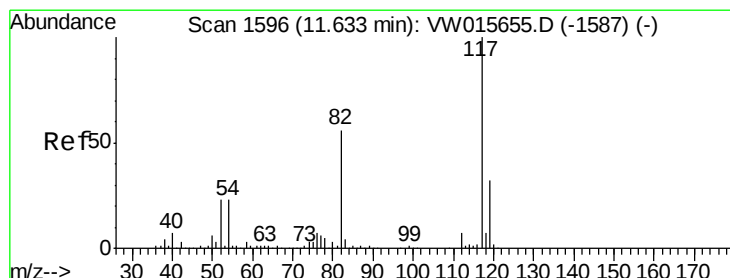
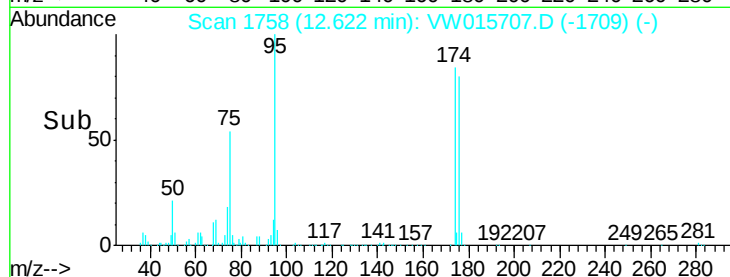
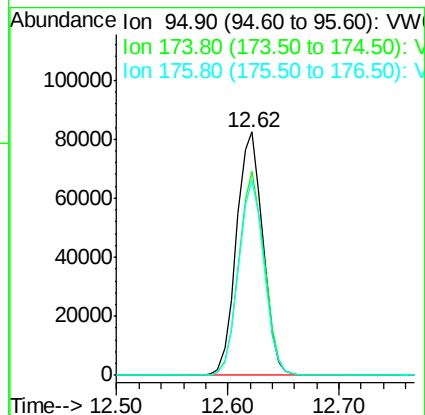
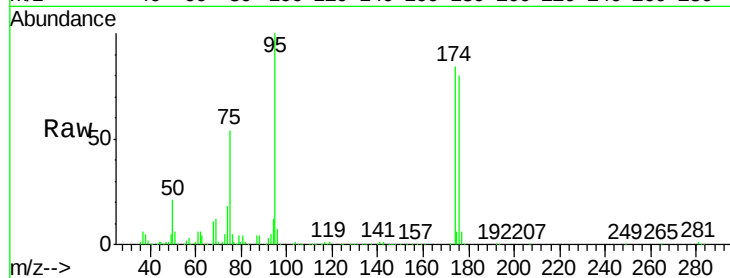
Tgt Ion: 95 Resp: 135560

Ion Ratio Lower Upper

95 100

174 81.1 0.0 157.0

176 77.4 0.0 151.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015707.D

Acq: 25 Jun 2020 02:49

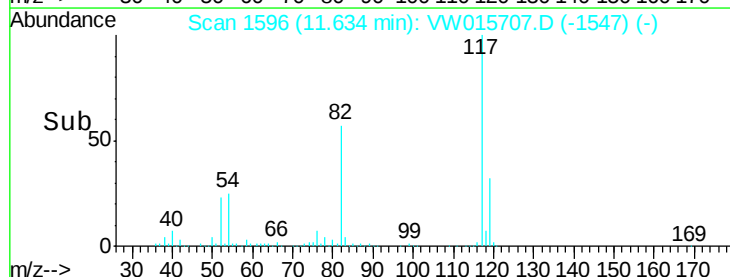
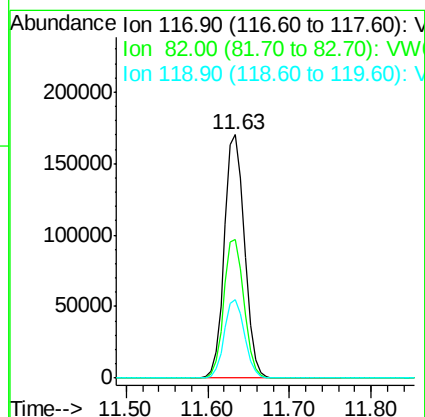
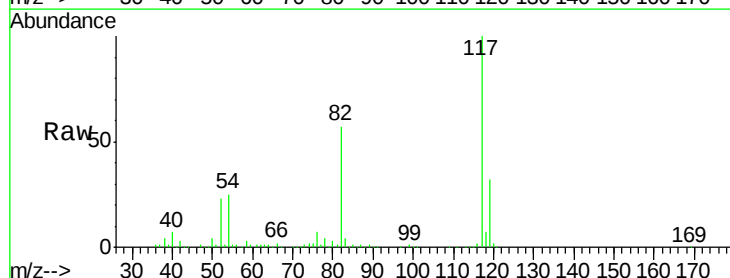
Tgt Ion: 117 Resp: 292093

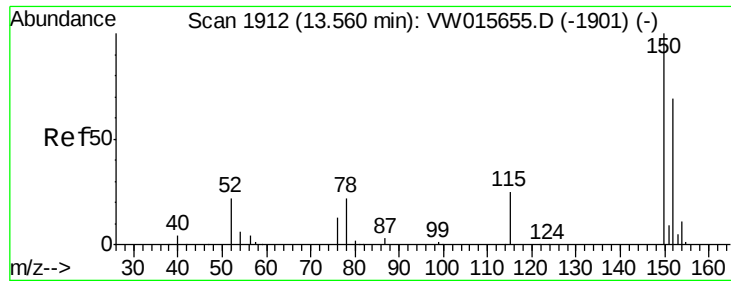
Ion Ratio Lower Upper

117 100

82 57.1 45.1 67.7

119 32.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015707.D

Acq: 25 Jun 2020 02:49

Instrument :

MSVOA_W

ClientSampleId :

TP-4

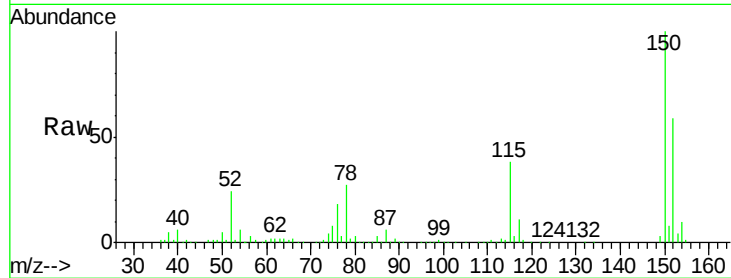
Tgt Ion:152 Resp: 127737

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.5

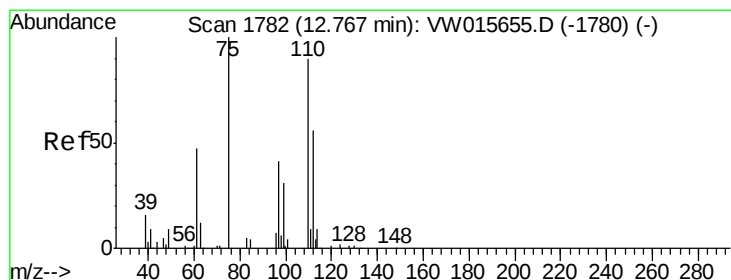
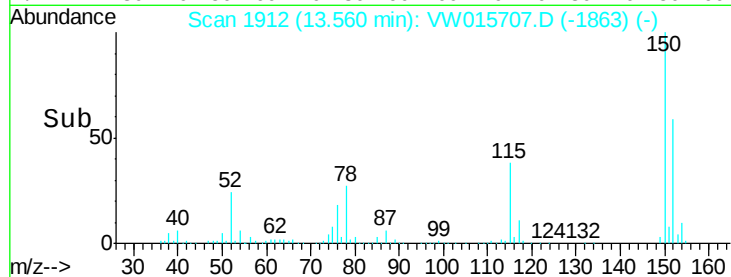
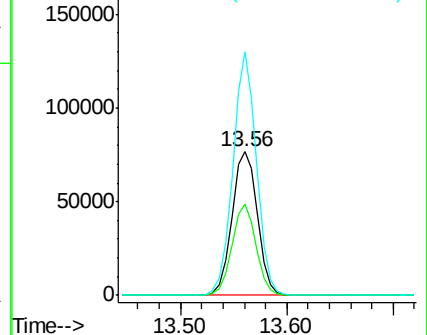
150 157.1 0.0 345.6



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: 63.762 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015707.D

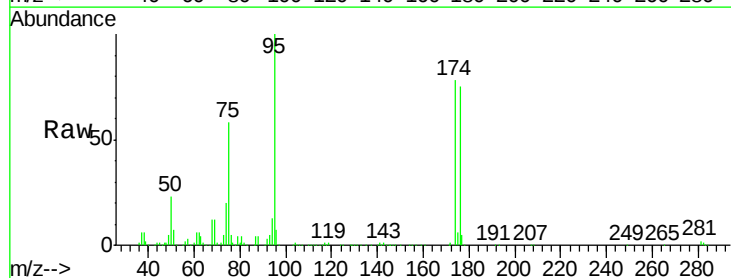
Acq: 25 Jun 2020 02:49

Tgt Ion: 75 Resp: 74293

Ion Ratio Lower Upper

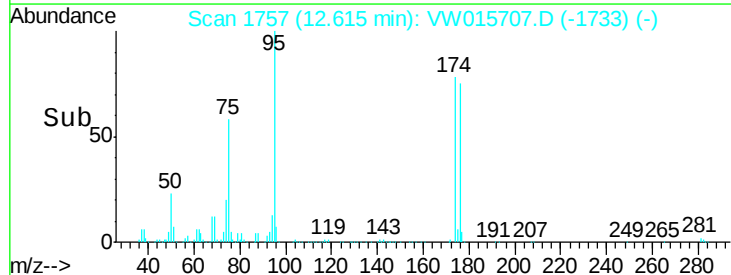
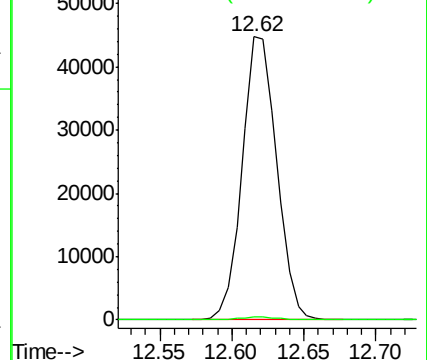
75 100

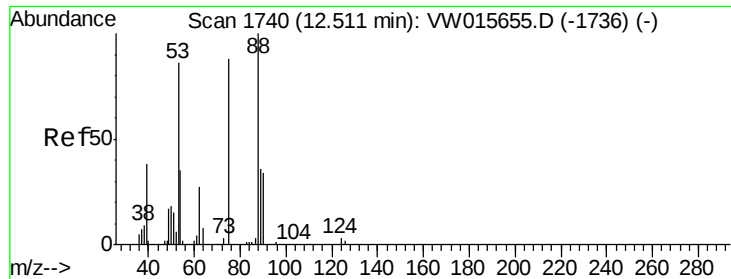
77 1.2 179.1 537.1#



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: 160.683 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015707.D

Acq: 25 Jun 2020 02:49

Instrument :

MSVOA_W

ClientSampleId :

TP-4

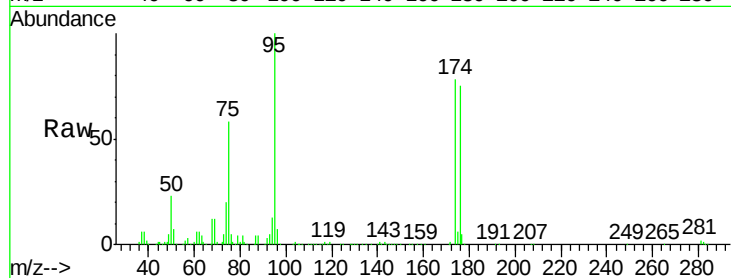
Tgt Ion: 75 Resp: 74293

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#



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

