

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015735.D
 Acq On : 25 Jun 2020 18:01
 Operator : SY/VA
 Sample : L3071-10RE
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TW-1.5

Quant Time: Jun 26 01:44:15 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	166726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	279833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	98681	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
35) Dibromofluoromethane	7.89	113	85441	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	10.32	98	347634	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.62	95	123684	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

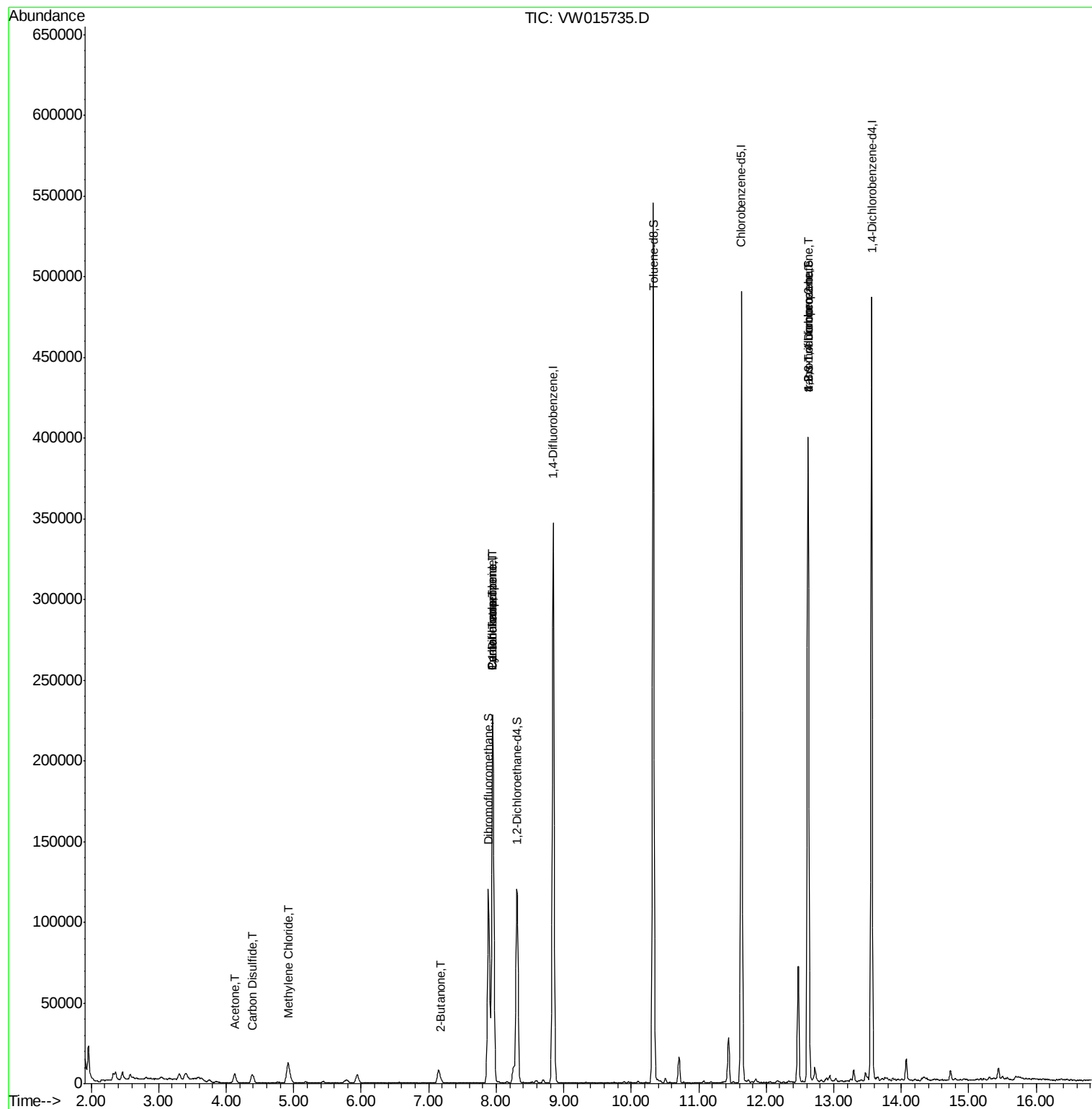
					Qvalue
11) Tert butyl alcohol	5.18	59	1105	Below Cal	# 77
16) Acetone	4.12	43	10713	30.378	ug/l 96
17) Carbon Disulfide	4.39	76	10997	2.349	ug/l 95
18) Methyl Acetate	4.67	43	330	Below Cal	# 52
20) Methylene Chloride	4.92	84	10228	1.538	ug/l 96
25) 2-Butanone	7.18	43	2030	4.259	ug/l 94
31) Cyclohexane	7.95	56	4546	1.423	ug/l # 43
36) 1,1-Dichloropropene	7.95	75	13687	4.703	ug/l # 50
38) Carbon Tetrachloride	7.95	117	17556	6.223	ug/l # 18
76) 1,2,3-Trichloropropane	12.62	75	66930	60.354	ug/l # 1
81) trans-1,4-Dichloro-2-buten	12.62	75	66930	152.094	ug/l # 8

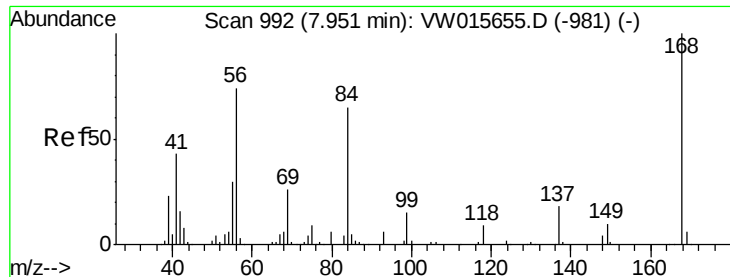
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062520\
Data File : VW015735.D
Acq On : 25 Jun 2020 18:01
Operator : SY/VA
Sample : L3071-10RE
Misc : 5.01G/5ML/MSVOA W/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TW-1.5

Quant Time: Jun 26 01:44:15 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# 992

Delta R.T. 0.00 min

Lab File: VW015735.D

Acq: 25 Jun 2020 18:01

Instrument :

MSVOA_W

ClientSampled :

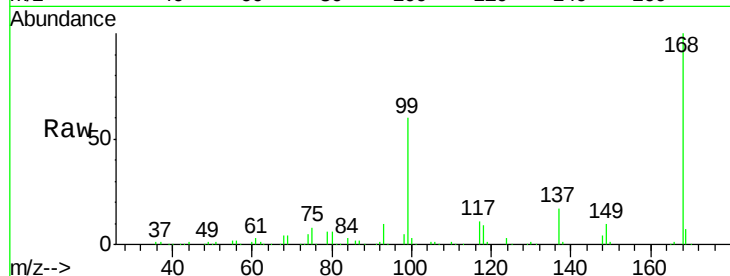
TW-1.5

Tot Ion:168 Resp: 166726

Ion Ratio Lower Upper

168 100

99 60.1 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

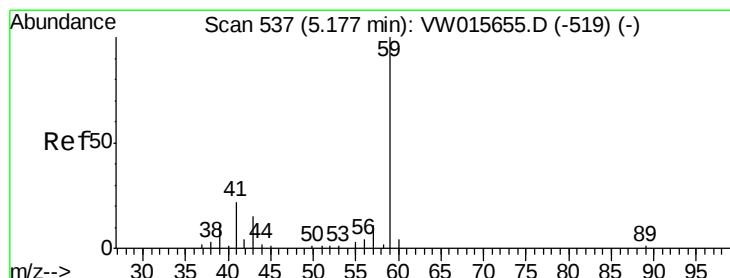
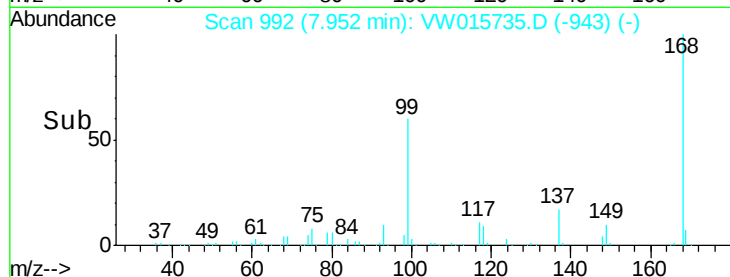
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. 0.00 min

Lab File: VW015735.D

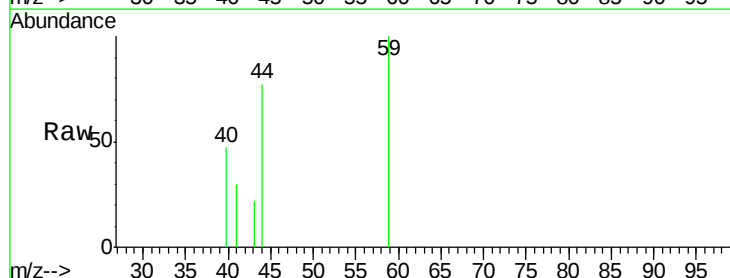
Acq: 25 Jun 2020 18:01

Tgt Ion: 59 Resp: 1105

Ion Ratio Lower Upper

59 100

57 2.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

400

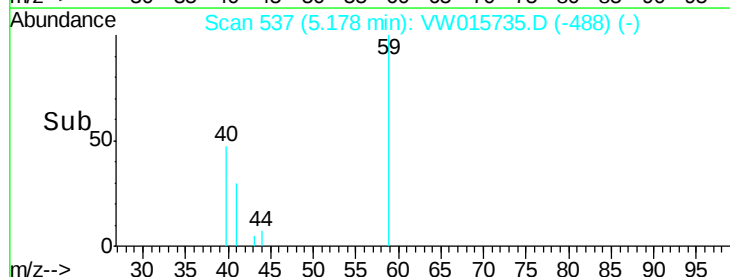
300

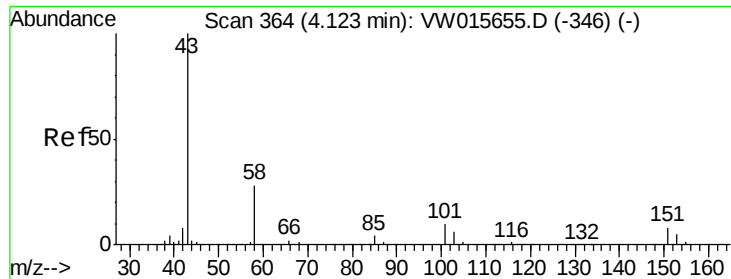
200

100

0

Time--> 5.05 5.10 5.15 5.20 5.25





#16

Acetone

Concen: 30.378 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015735.D

Acq: 25 Jun 2020 18:01

Instrument :

MSVOA_W

ClientSampleId :

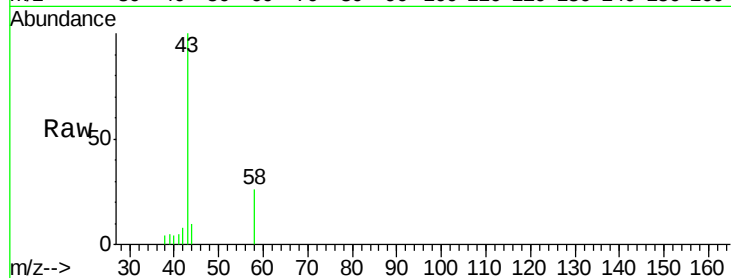
TW-1.5

Tot Ion: 43 Resp: 10713

Ion Ratio Lower Upper

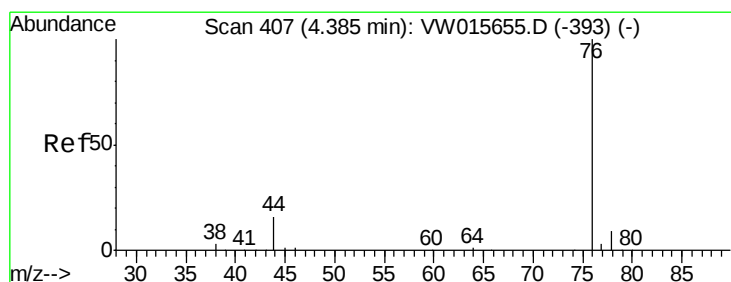
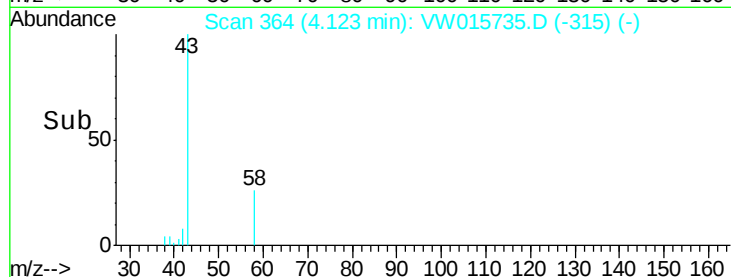
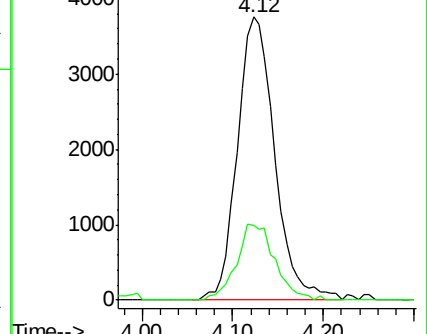
43 100

58 26.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 2.349 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015735.D

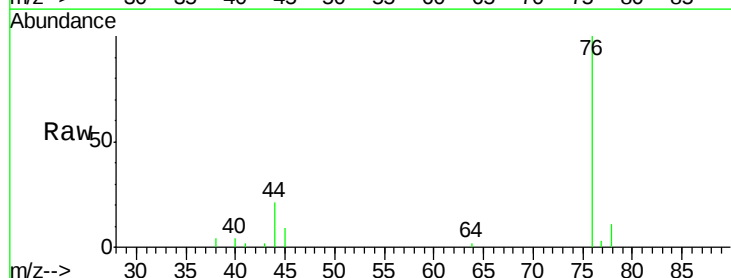
Acq: 25 Jun 2020 18:01

Tgt Ion: 76 Resp: 10997

Ion Ratio Lower Upper

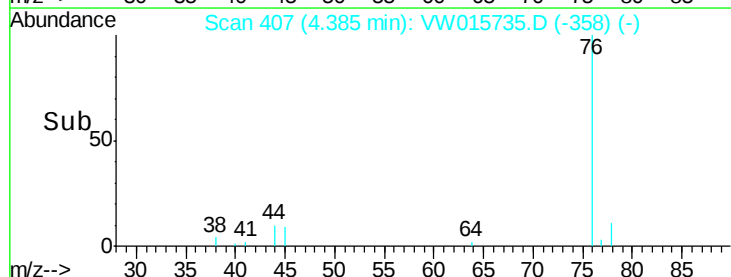
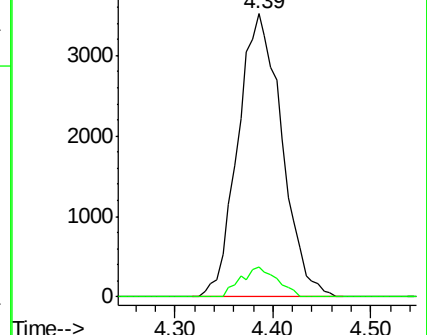
76 100

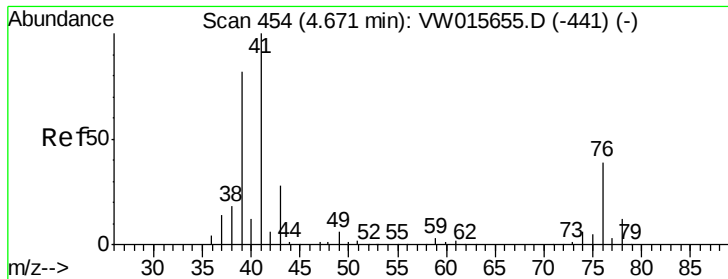
78 10.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

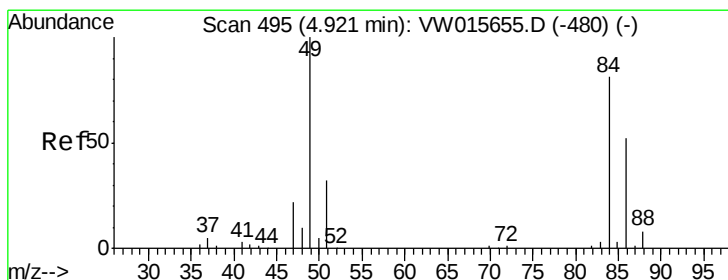
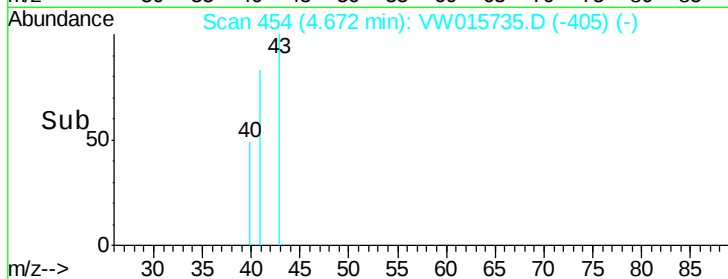
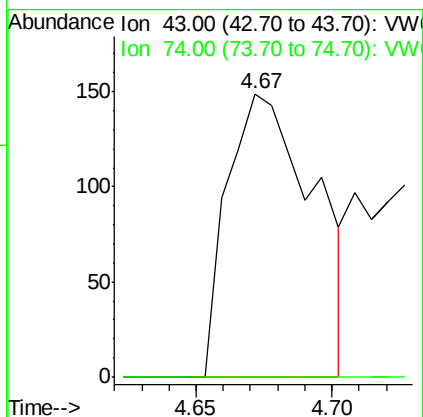
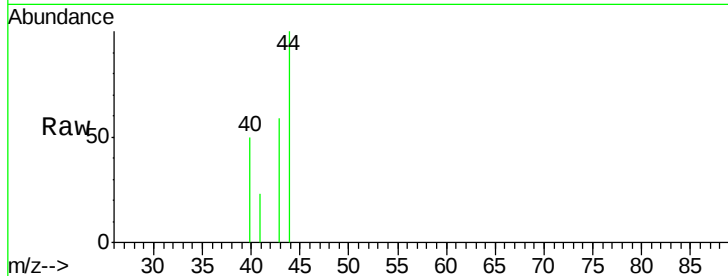




#18
Methyl Acetate
Concen: Below Cal
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW015735.D
Acq: 25 Jun 2020 18:01

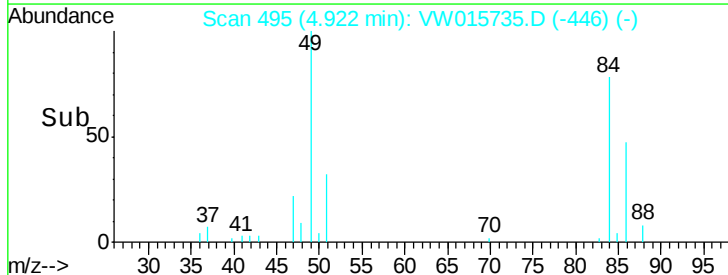
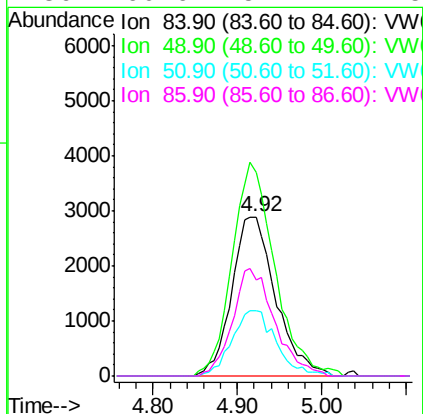
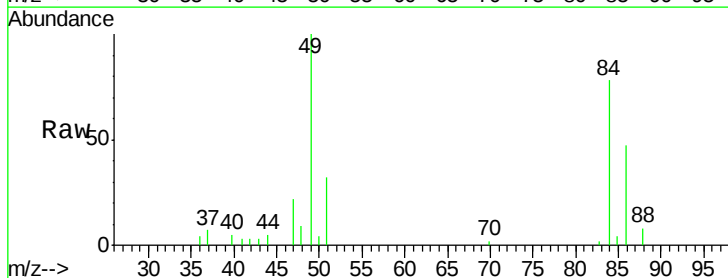
Instrument :
MSVOA_W
ClientSampleId :
TW-1.5

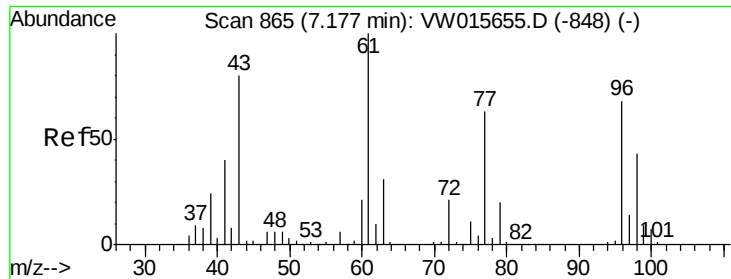
Tot Ion: 43 Resp: 330
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 1.538 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015735.D
Acq: 25 Jun 2020 18:01

Tgt Ion: 84 Resp: 10228
Ion Ratio Lower Upper
84 100
49 128.0 99.3 148.9
51 41.1 31.8 47.6
86 60.6 51.7 77.5

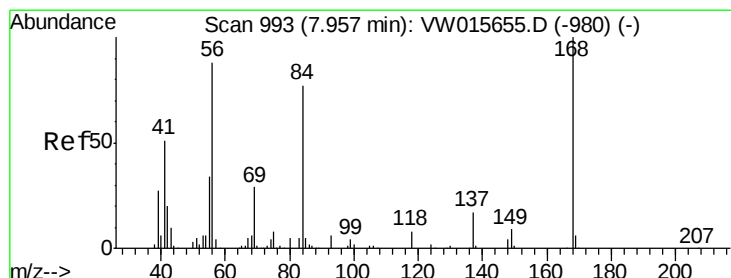
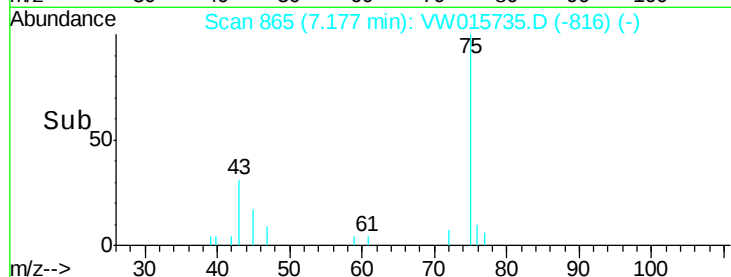
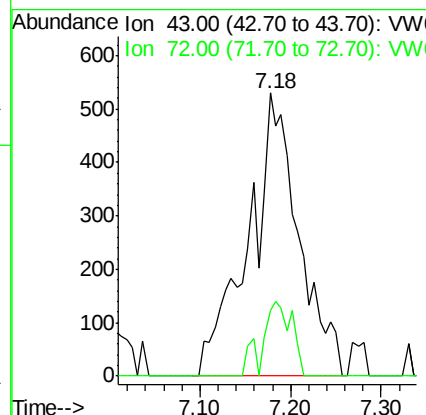
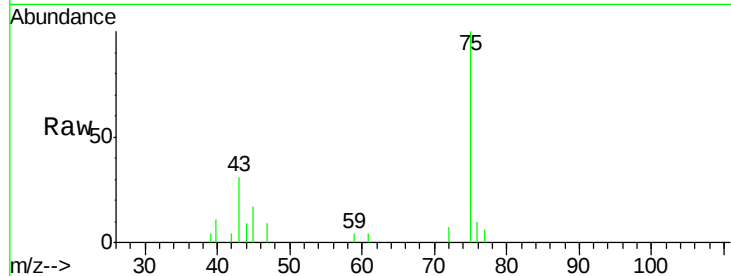




#25
2-Butanone
Concen: 4.259 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW015735.D
Acq: 25 Jun 2020 18:01

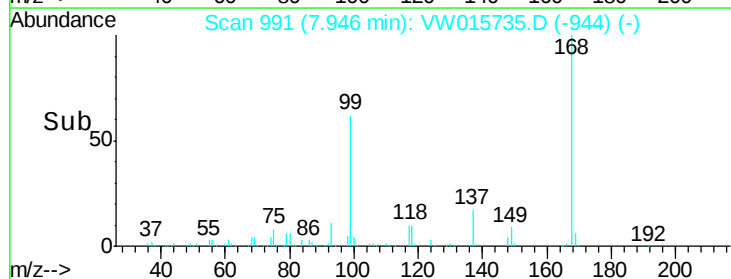
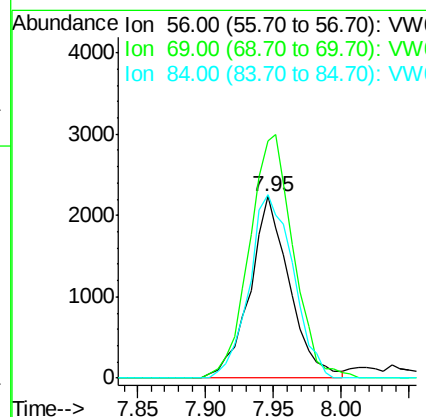
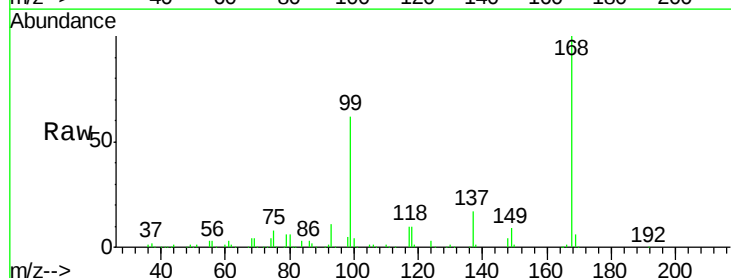
Instrument :
MSVOA_W
ClientSampled :
TW-1.5

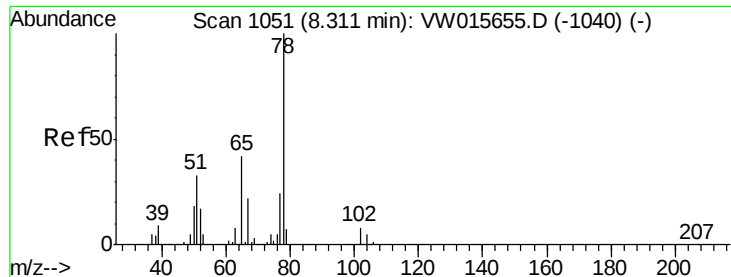
Tot Ion: 43 Resp: 2030
Ion Ratio Lower Upper
43 100
72 23.4 21.1 31.7



#31
Cyclohexane
Concen: 1.423 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015735.D
Acq: 25 Jun 2020 18:01

Tgt Ion: 56 Resp: 4546
Ion Ratio Lower Upper
56 100
69 130.3 26.2 39.4#
84 100.9 70.4 105.6

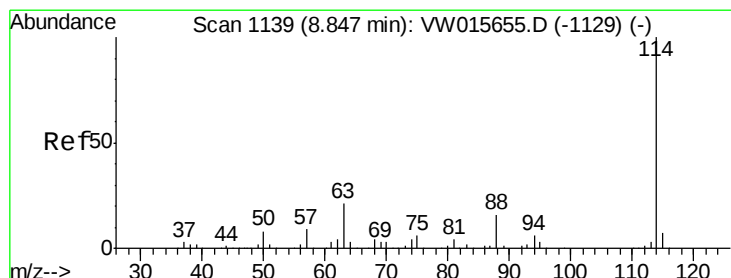
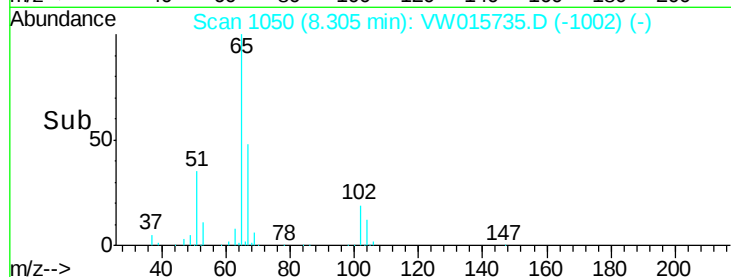
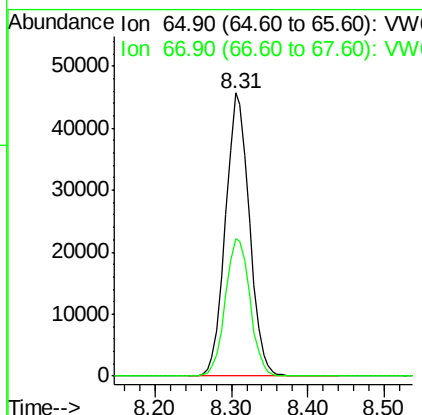
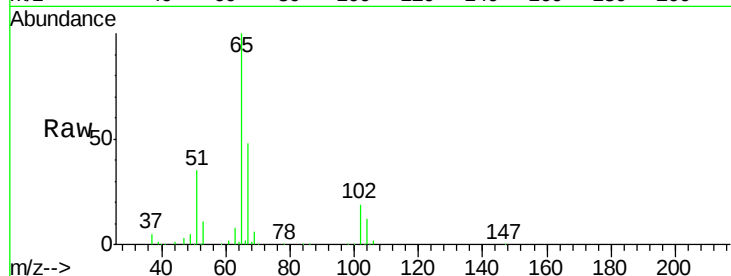




#33
 1,2-Dichloroethane-d4
 Concen: 53.196 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015735.D
 Acq: 25 Jun 2020 18:01

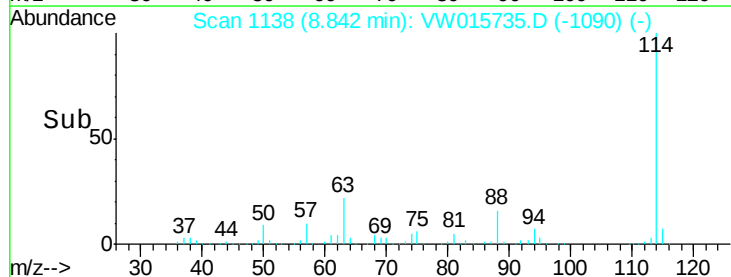
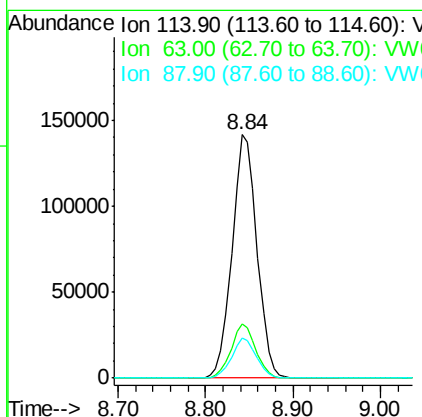
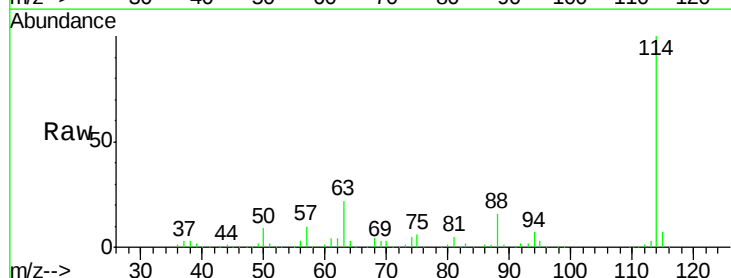
Instrument :
 MSVOA_W
 ClientSampleId :
 TW-1.5

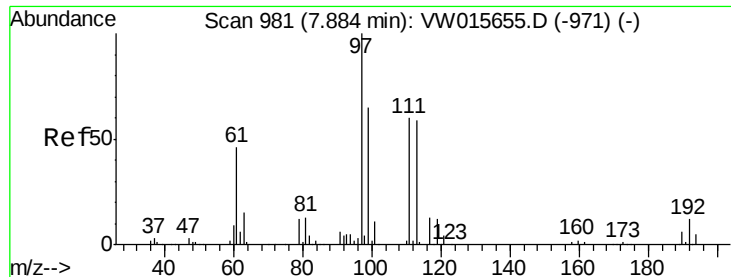
Tot Ion: 65 Resp: 98681
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015735.D
 Acq: 25 Jun 2020 18:01

Tgt Ion: 114 Resp: 279833
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 42.4
 88 16.5 0.0 32.6

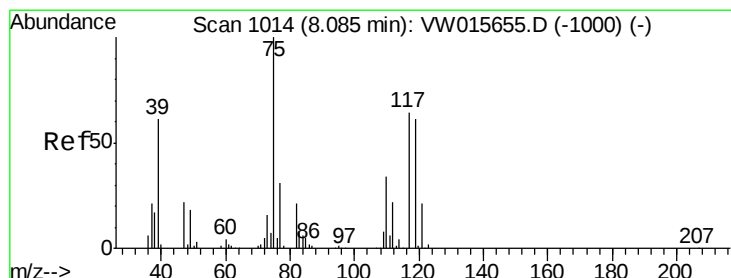
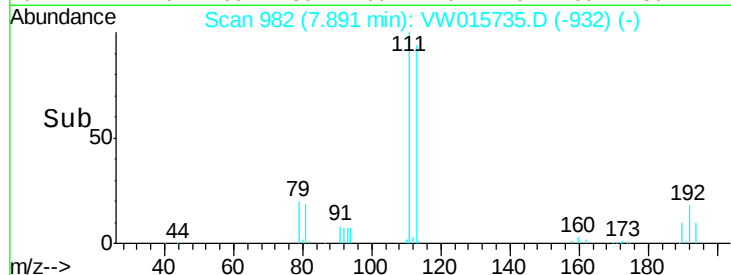
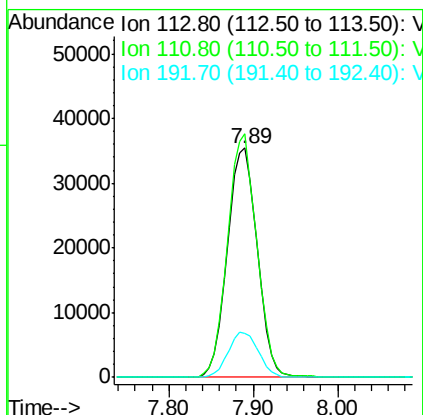
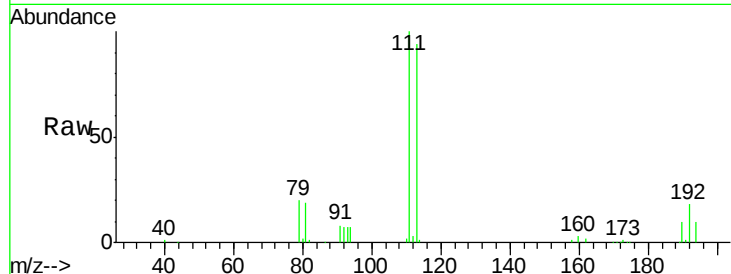




#35
 Dibromofluoromethane
 Concen: 48.540 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015735.D
 Acq: 25 Jun 2020 18:01

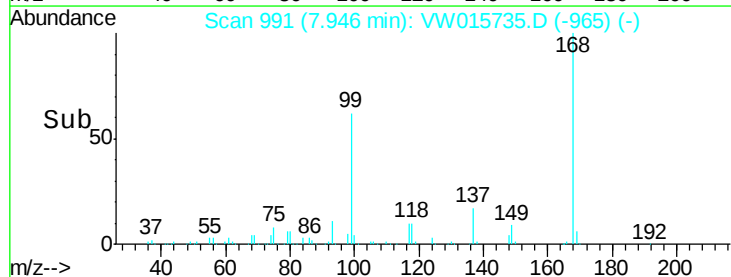
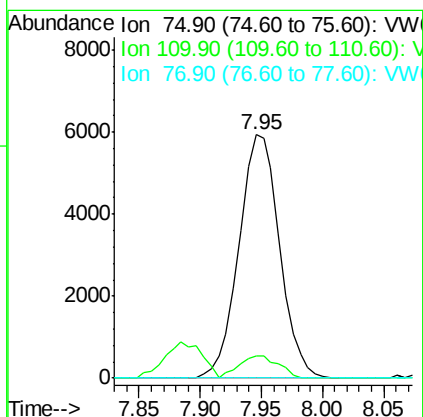
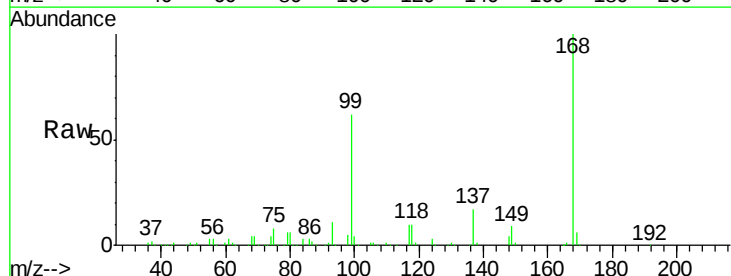
Instrument :
 MSVOA_W
 ClientSampleId :
 TW-1.5

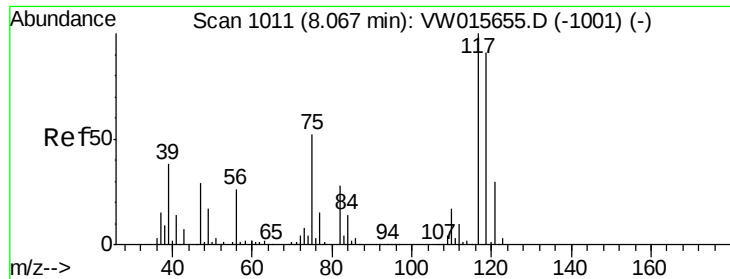
Tot Ion:113 Resp: 85441
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.3 123.5
 192 19.9 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.703 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015735.D
 Acq: 25 Jun 2020 18:01

Tgt Ion: 75 Resp: 13687
 Ion Ratio Lower Upper
 75 100
 110 9.0 17.0 51.0#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 6.223 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015735.D

Acq: 25 Jun 2020 18:01

Instrument :

MSVOA_W

ClientSampled :

TW-1.5

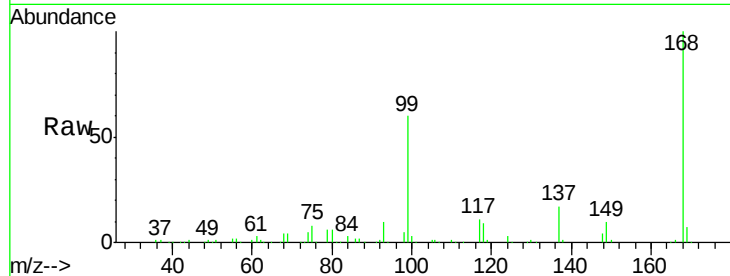
Tot Ion:117 Resp: 17556

Ion Ratio Lower Upper

117 100

119 5.0 73.2 109.8#

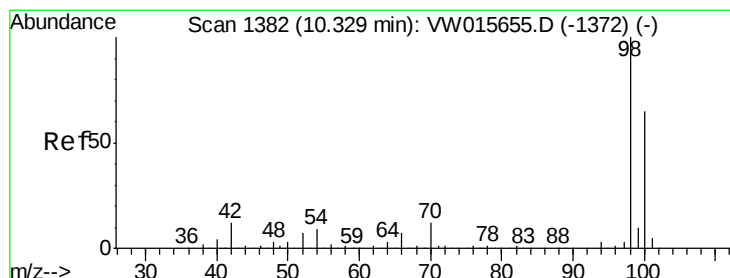
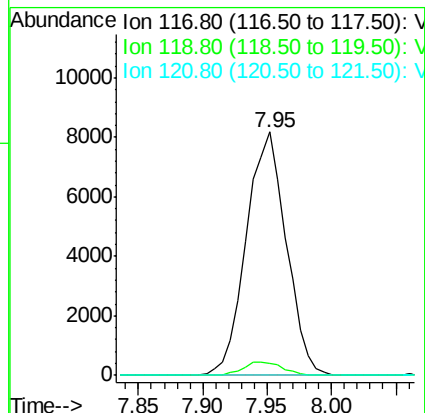
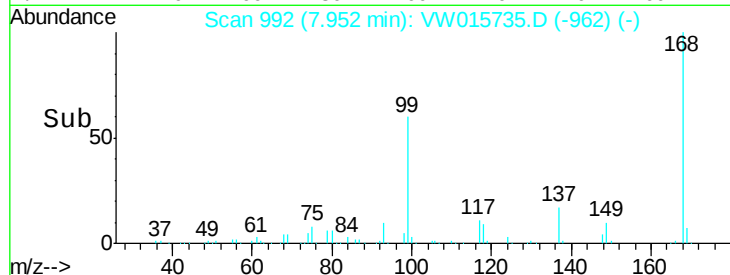
121 0.0 23.9 35.9#



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: 50.184 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015735.D

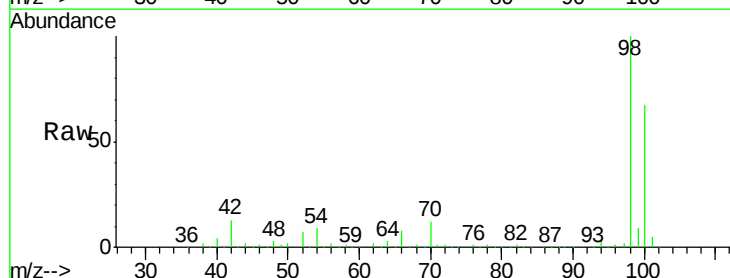
Acq: 25 Jun 2020 18:01

Tgt Ion: 98 Resp: 347634

Ion Ratio Lower Upper

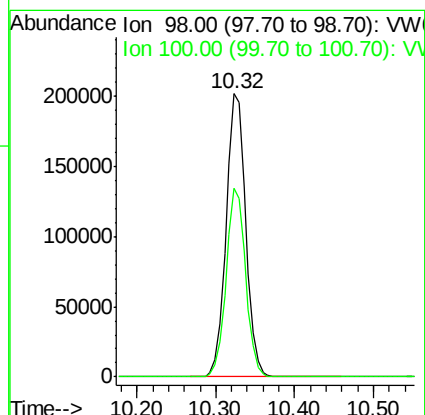
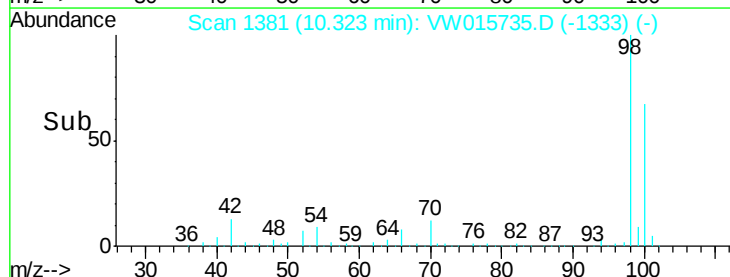
98 100

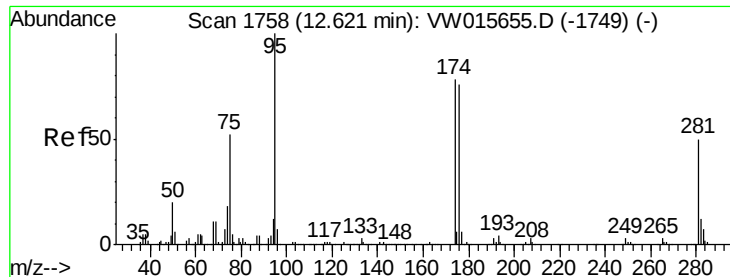
100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.482 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015735.D

Acq: 25 Jun 2020 18:01

Instrument :

MSVOA_W

ClientSampleId :

TW-1.5

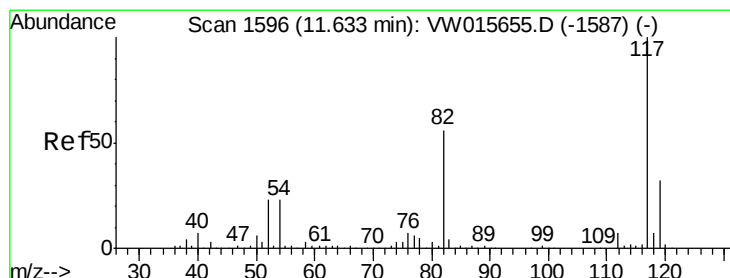
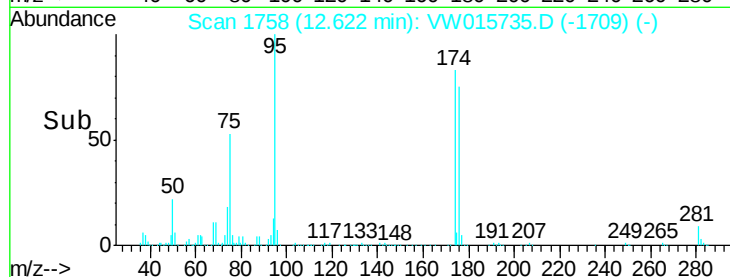
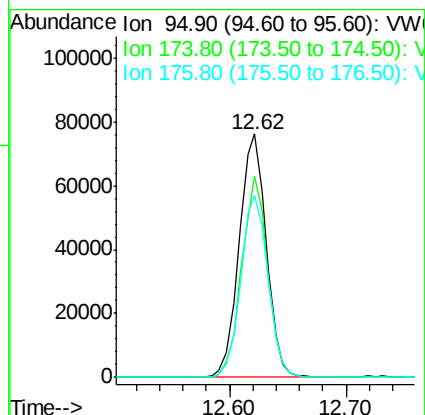
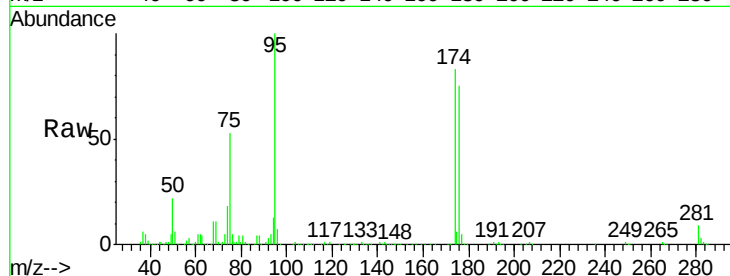
Tot Ion: 95 Resp: 123684

Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.0

176 75.0 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: VW015735.D

Acq: 25 Jun 2020 18:01

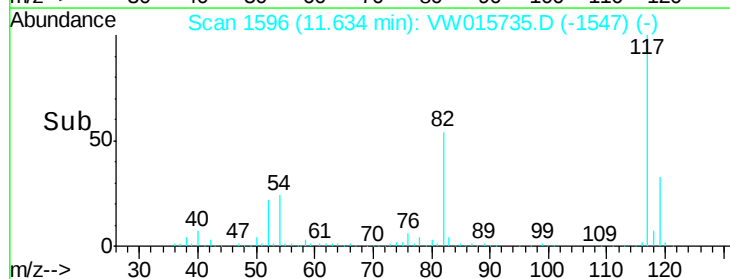
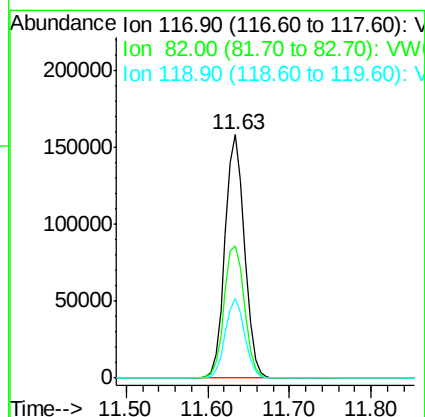
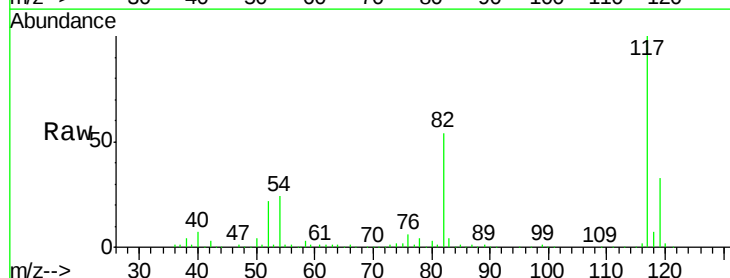
Tgt Ion: 117 Resp: 262027

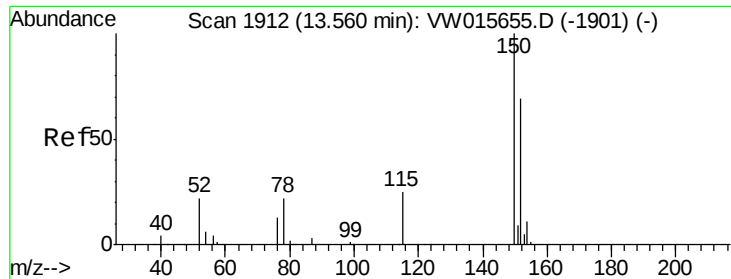
Ion Ratio Lower Upper

117 100

82 54.5 45.1 67.7

119 32.6 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: VW015735.D

Acq: 25 Jun 2020 18:01

Instrument :

MSVOA_W

ClientSampleId :

TW-1.5

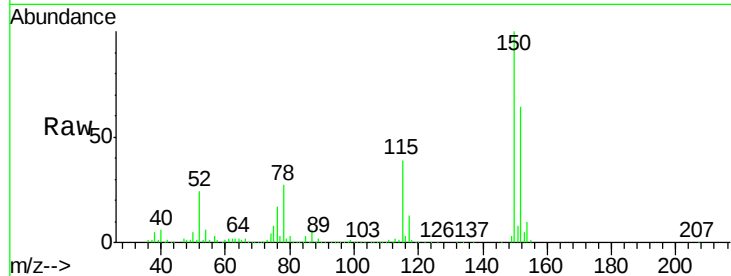
Tot Ion:152 Resp: 121576

Ion Ratio Lower Upper

152 100

115 60.0 30.1 90.5

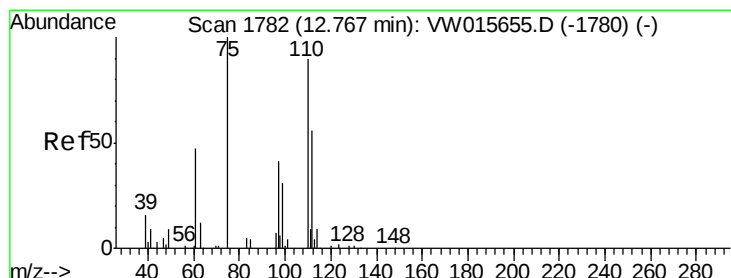
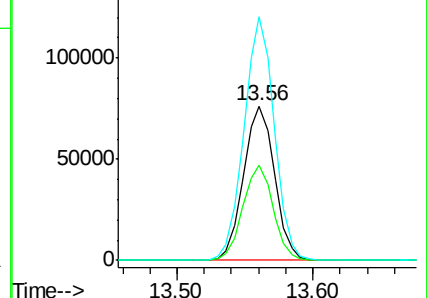
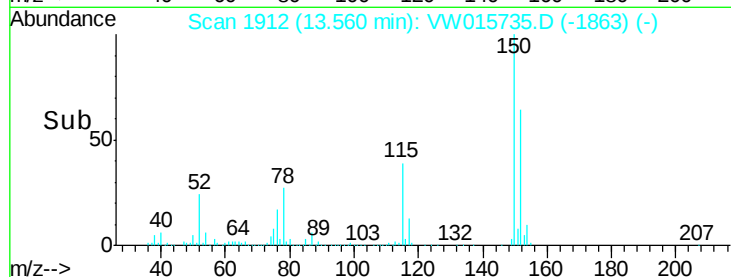
150 153.4 0.0 345.6



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: 60.354 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015735.D

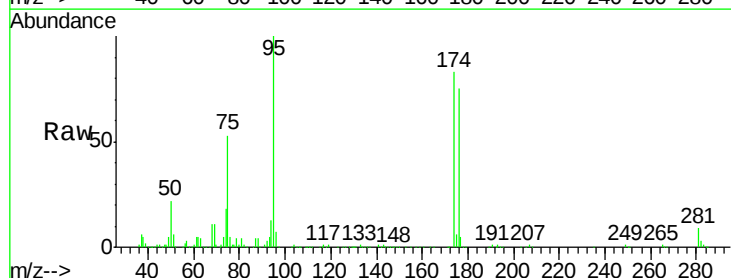
Acq: 25 Jun 2020 18:01

Tgt Ion: 75 Resp: 66930

Ion Ratio Lower Upper

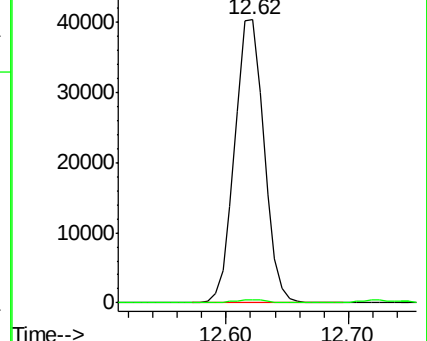
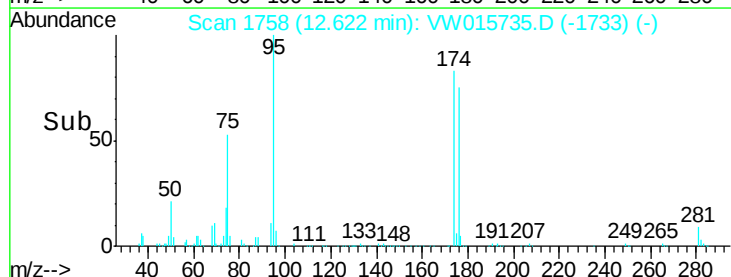
75 100

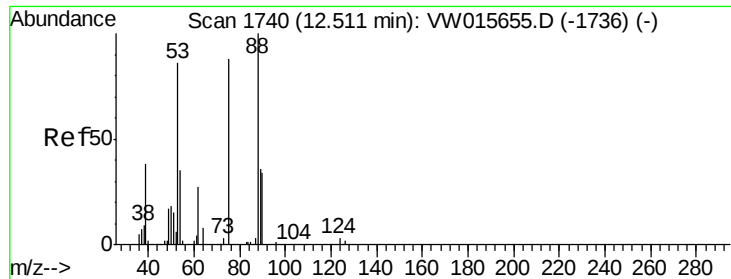
77 1.5 179.1 537.1#



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: 152.094 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015735.D

Acq: 25 Jun 2020 18:01

Instrument :

MSVOA_W

ClientSampleId :

TW-1.5

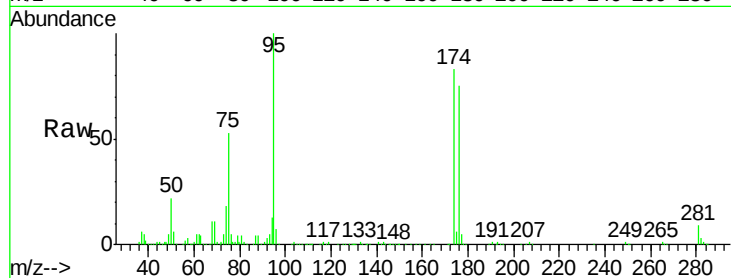
Tot Ion: 75 Resp: 66930

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.2 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

