

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015733.D
 Acq On : 25 Jun 2020 17:08
 Operator : SY/VA
 Sample : L3126-06
 Misc : 9.24G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7-S2

Quant Time: Jun 26 01:43:33 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	175109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	295218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115426	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	97679	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	7.88	113	88411	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	10.32	98	360484	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	121250	45.05	ug/l	0.00
Spiked Amount			Recovery	=	90.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.16	59	71	Below Cal	#	72
16) Acetone	4.12	43	48911	132.055	ug/l	94
18) Methyl Acetate	4.68	43	888	Below Cal	#	52
20) Methylene Chloride	4.92	84	6418	Below Cal		97
31) Cyclohexane	7.95	56	4361	1.299	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	14557	4.741	ug/l #	51
38) Carbon Tetrachloride	7.95	117	17703	5.948	ug/l #	18
59) 2-Hexanone	10.93	43	1179	1.535	ug/l #	25
68) m/p-Xylenes	11.83	106	5780	1.476	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	65651	62.355	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	65651	157.136	ug/l #	8

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062520\
Data File : VW015733.D
Acq On : 25 Jun 2020 17:08
Operator : SY/VA
Sample : L3126-06
Misc : 9.24G/5ML/MSVOA W/SOIL
ALS Vial : 19 Sample Multiplier: 1



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015733.D

Acq: 25 Jun 2020 17:08

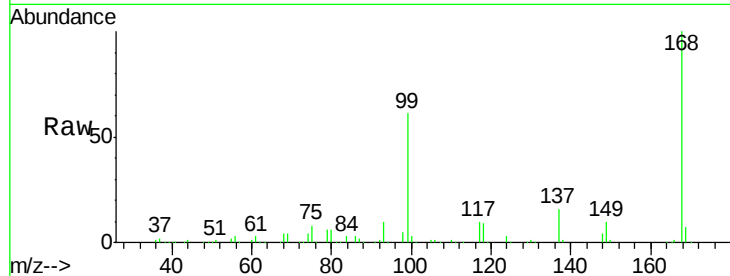
Instrument :
MSVOA_W
ClientSampled :
TP-7-S2

Tot Ion:168 Resp: 175109

Ion Ratio Lower Upper

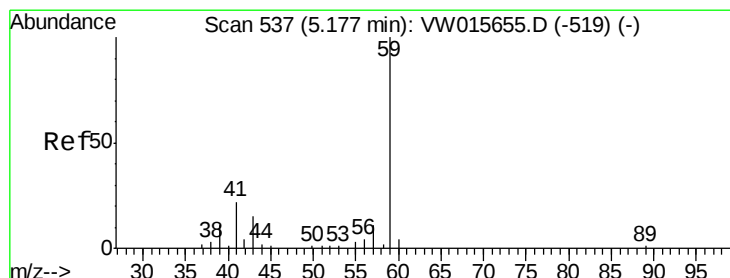
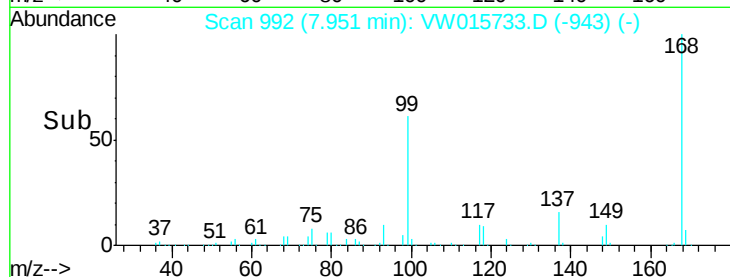
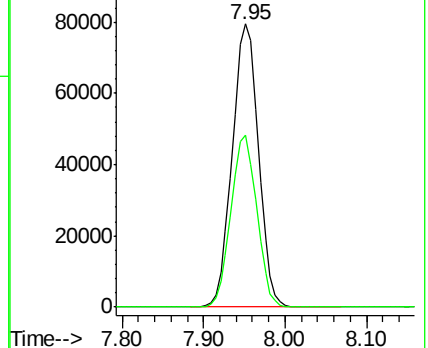
168 100

99 60.6 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.16 min Scan# 534

Delta R.T. -0.02 min

Lab File: VW015733.D

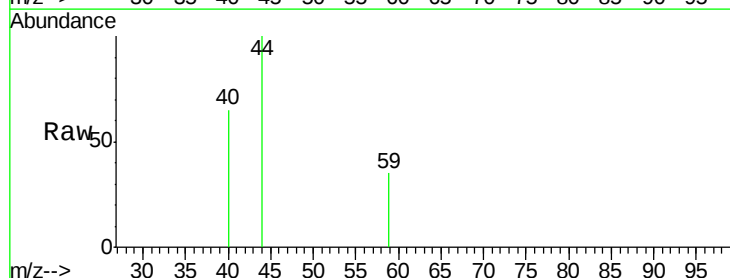
Acq: 25 Jun 2020 17:08

Tgt Ion: 59 Resp: 71

Ion Ratio Lower Upper

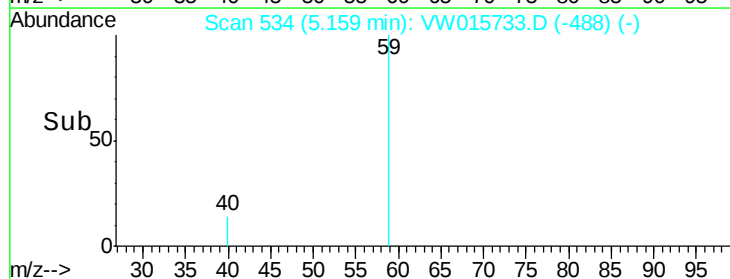
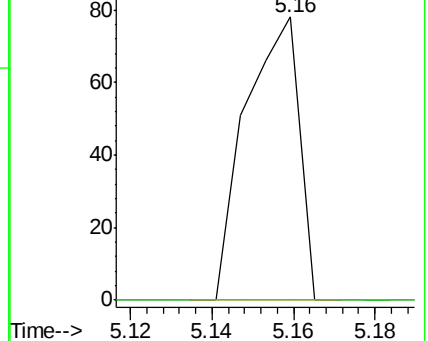
59 100

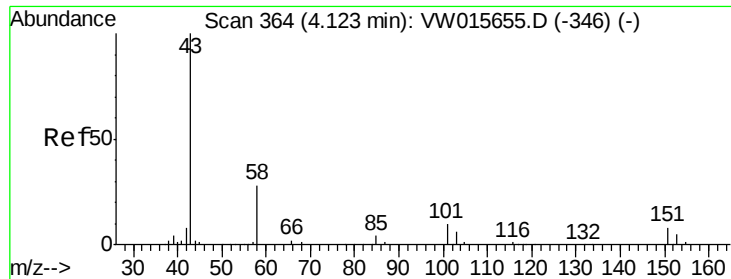
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 132.055 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015733.D

Acq: 25 Jun 2020 17:08

Instrument :

MSVOA_W

ClientSampled :

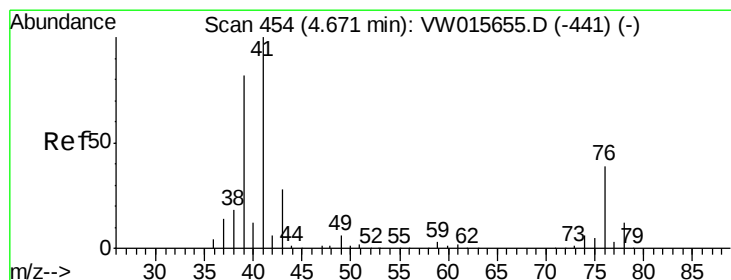
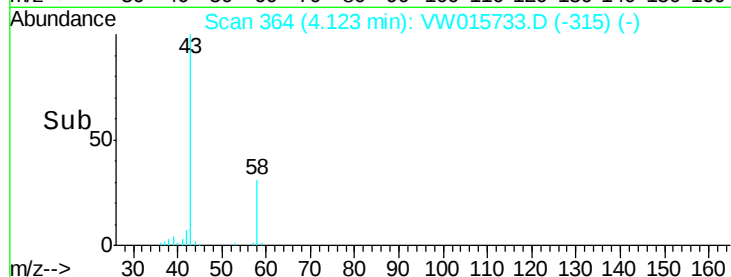
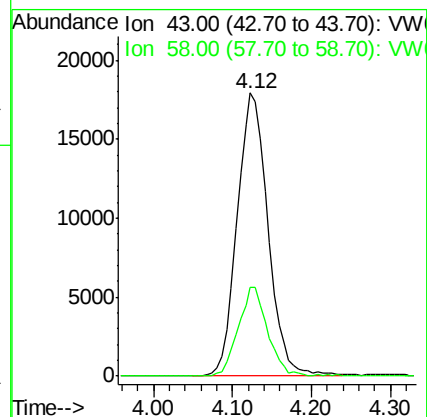
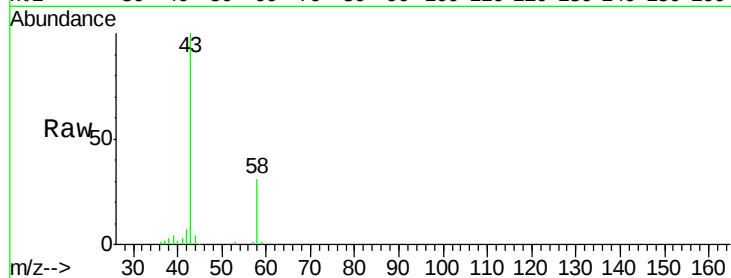
TP-7-S2

Tot Ion: 43 Resp: 48911

Ion Ratio Lower Upper

43 100

58 31.4 22.6 33.8



#18

Methyl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW015733.D

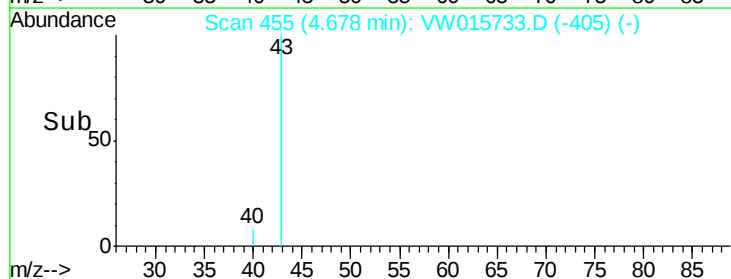
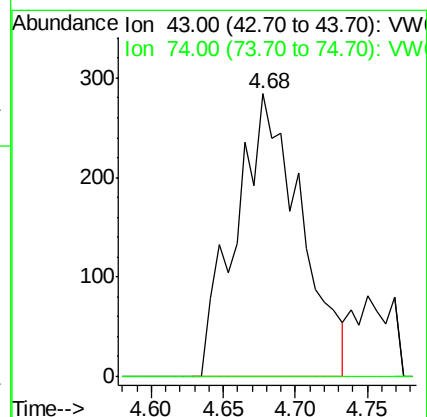
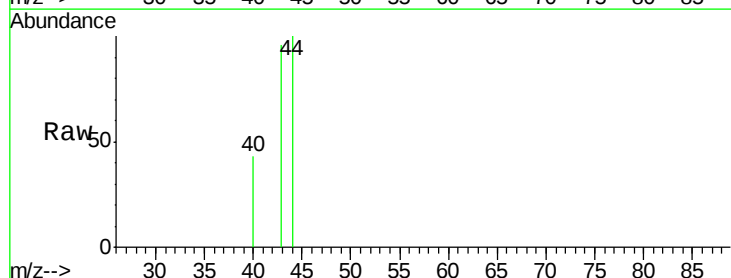
Acq: 25 Jun 2020 17:08

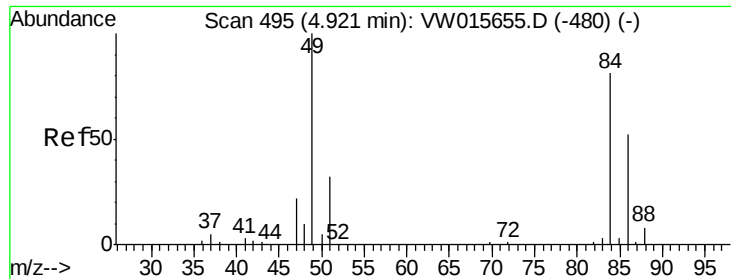
Tgt Ion: 43 Resp: 888

Ion Ratio Lower Upper

43 100

74 0.0 19.0 28.6#

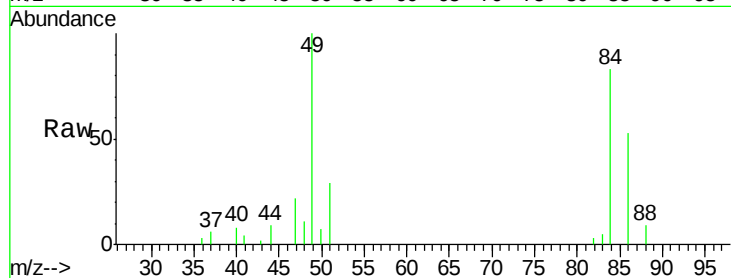




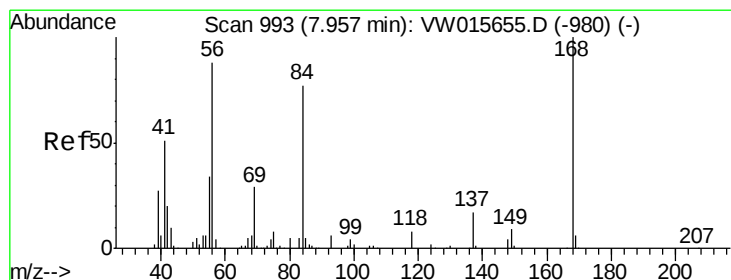
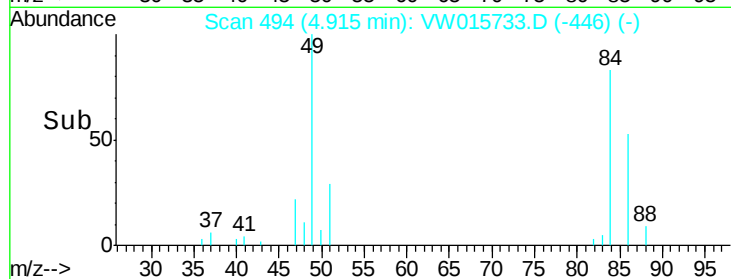
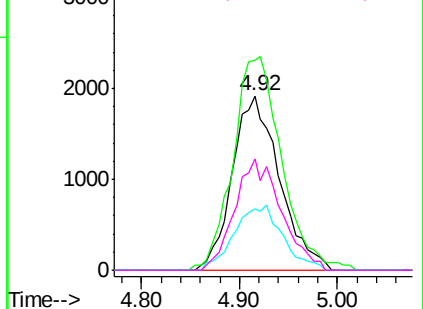
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015733.D
Acq: 25 Jun 2020 17:08

Instrument :
MSVOA_W
ClientSampleId :
TP-7-S2

Tot Ion: 84 Resp: 6418
Ion Ratio Lower Upper
84 100
49 120.3 99.3 148.9
51 35.3 31.8 47.6
86 64.2 51.7 77.5

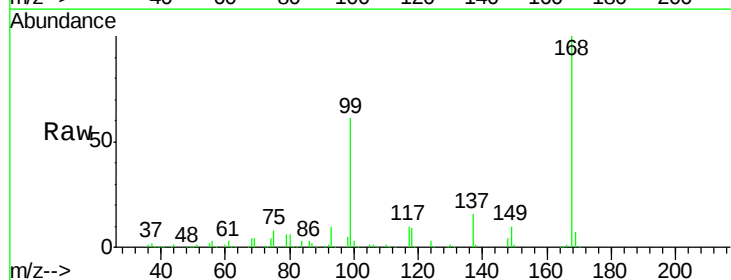


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

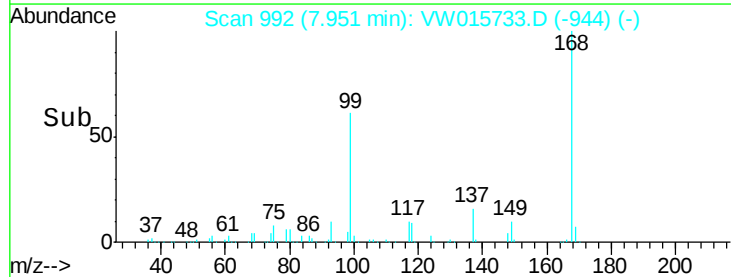
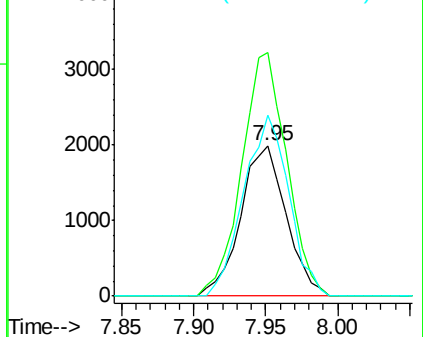


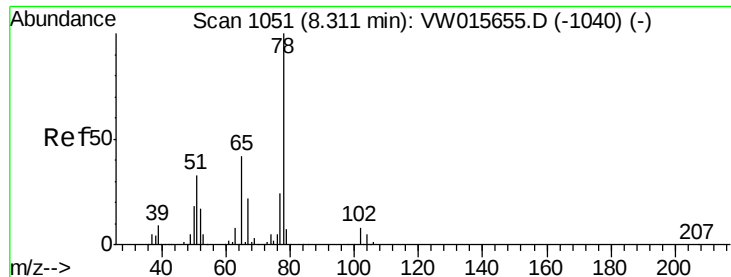
#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015733.D
Acq: 25 Jun 2020 17:08

Tgt Ion: 56 Resp: 4361
Ion Ratio Lower Upper
56 100
69 161.9 26.2 39.4#
84 120.2 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

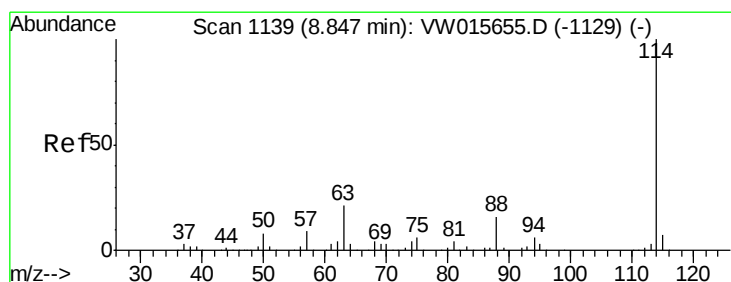
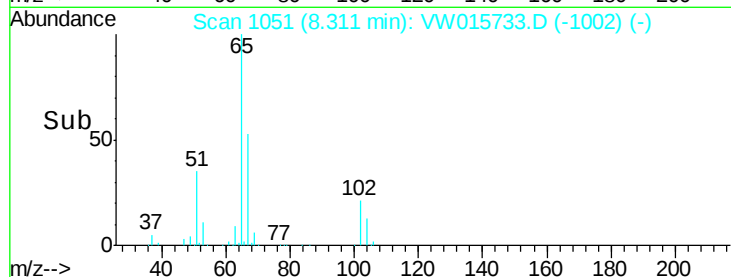
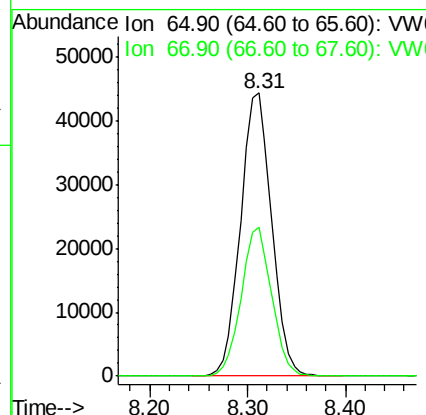
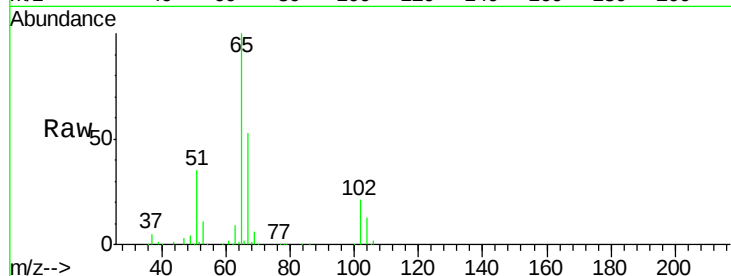




#33
 1,2-Dichloroethane-d4
 Concen: 50.135 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015733.D
 Acq: 25 Jun 2020 17:08

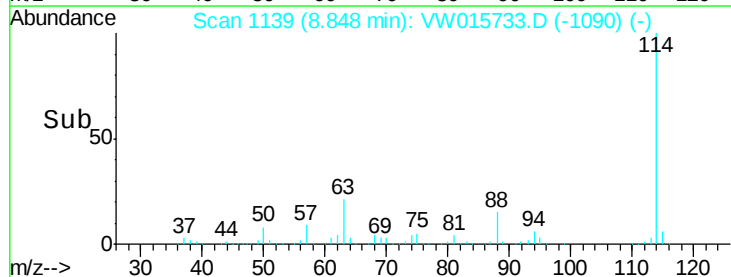
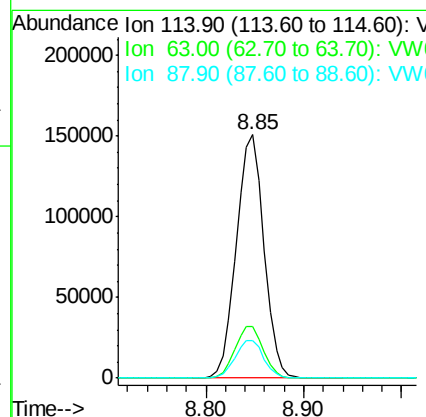
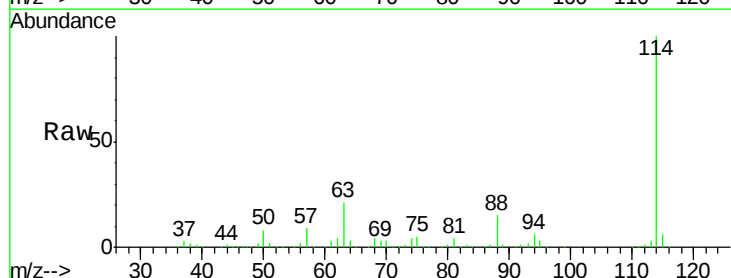
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-7-S2

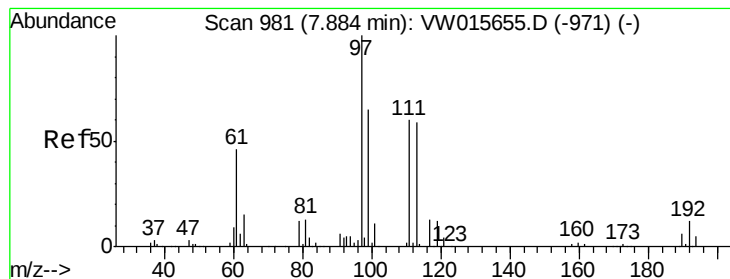
Tot Ion: 65 Resp: 97679
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW015733.D
 Acq: 25 Jun 2020 17:08

Tgt Ion: 114 Resp: 295218
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.4
 88 15.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.609 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015733.D

Acq: 25 Jun 2020 17:08

Instrument :

MSVOA_W

ClientSampleId :

TP-7-S2

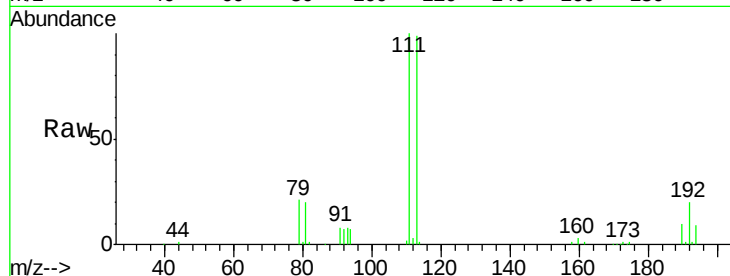
Tot Ion:113 Resp: 88411

Ion Ratio Lower Upper

113 100

111 102.6 82.3 123.5

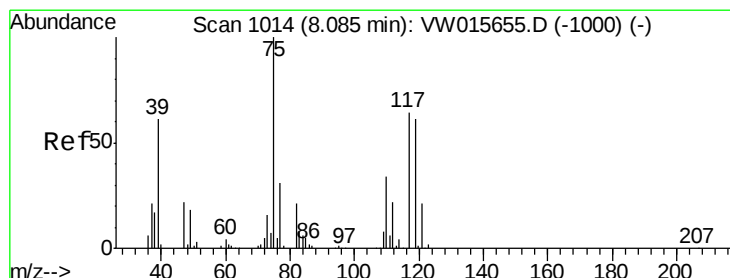
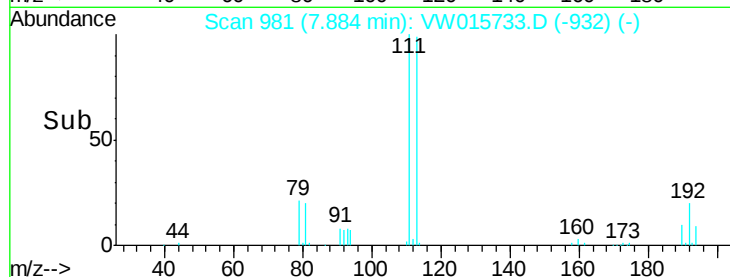
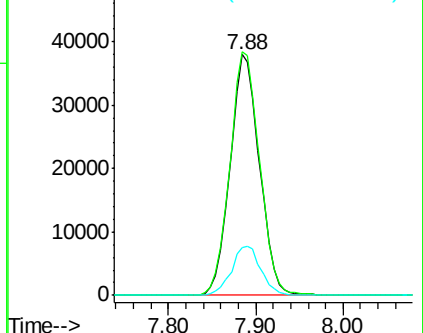
192 20.6 16.4 24.6



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: 4.741 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW015733.D

Acq: 25 Jun 2020 17:08

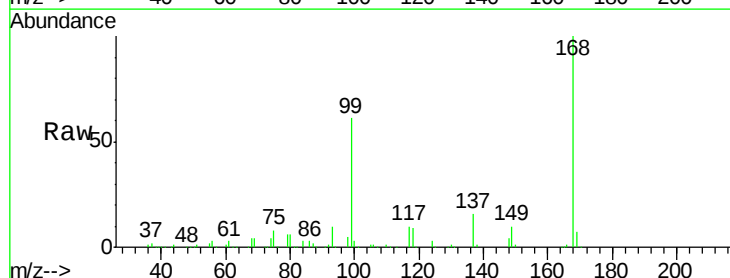
Tgt Ion: 75 Resp: 14557

Ion Ratio Lower Upper

75 100

110 9.6 17.0 51.0#

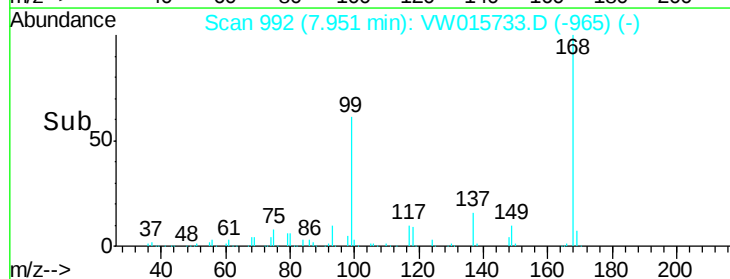
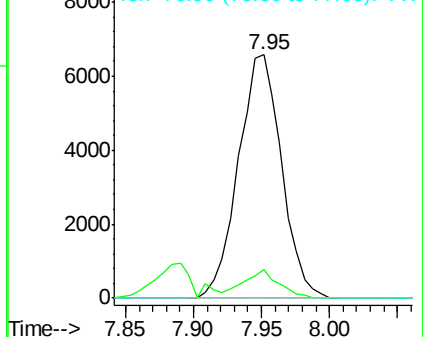
77 0.0 24.6 36.8#

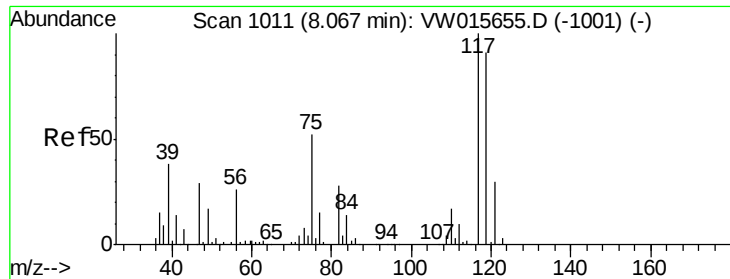


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.948 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015733.D

Acq: 25 Jun 2020 17:08

Instrument :

MSVOA_W

ClientSampled :

TP-7-S2

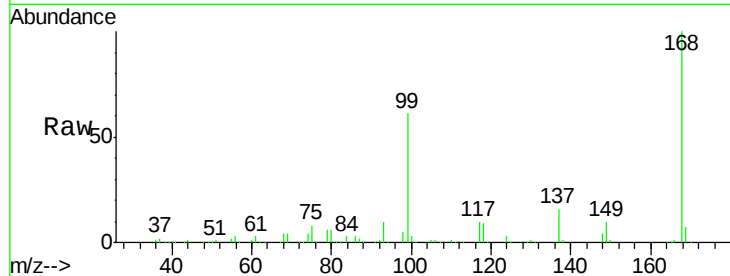
Tot Ion:117 Resp: 17703

Ion Ratio Lower Upper

117 100

119 4.9 73.2 109.8#

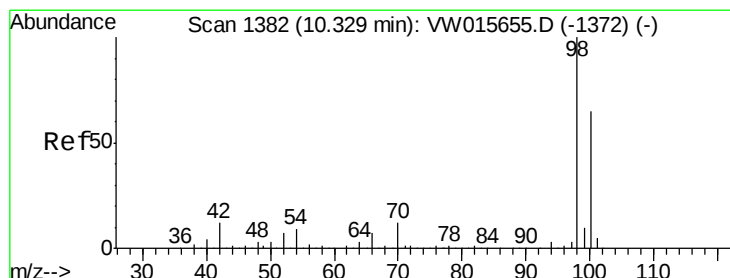
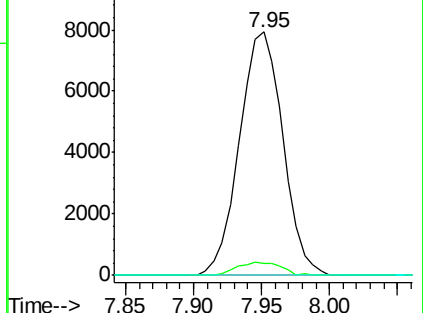
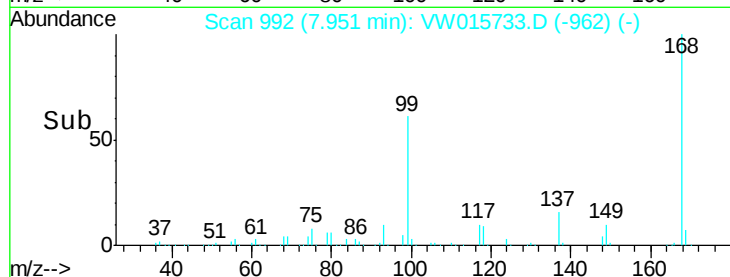
121 0.0 23.9 35.9#



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: 49.327 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015733.D

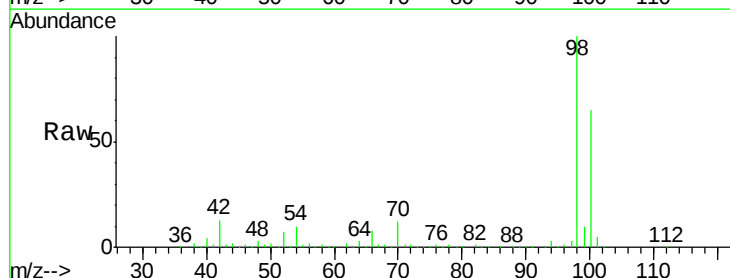
Acq: 25 Jun 2020 17:08

Tgt Ion: 98 Resp: 360484

Ion Ratio Lower Upper

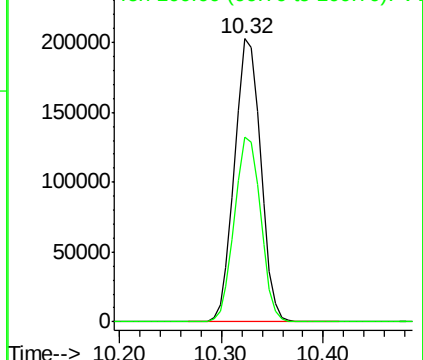
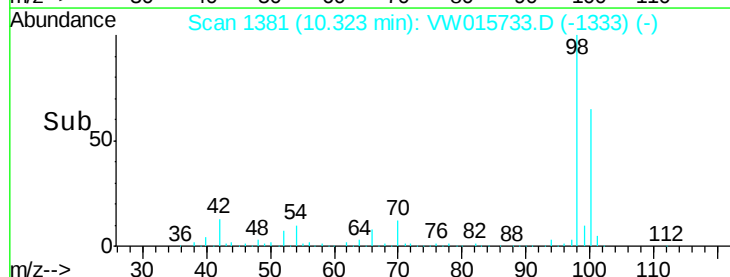
98 100

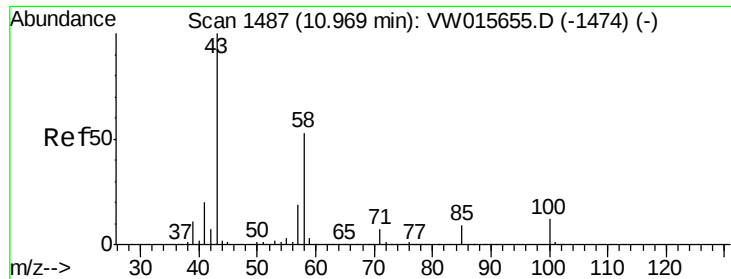
100 65.6 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

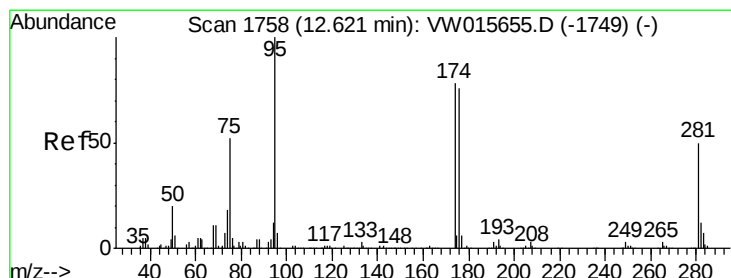
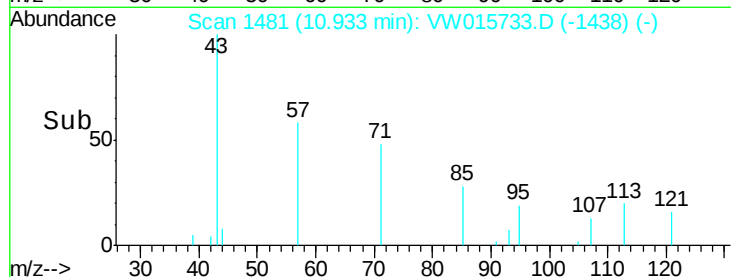
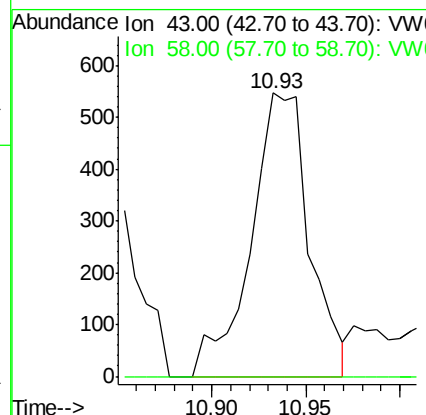
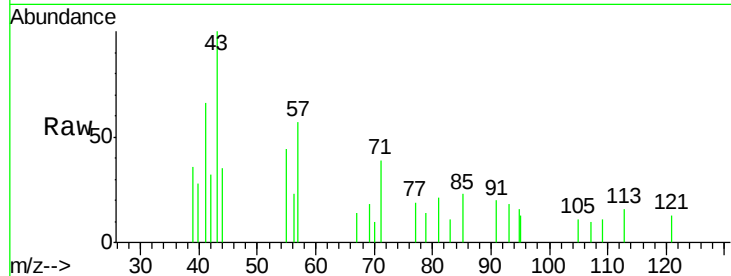




#59
2-Hexanone
Concen: 1.535 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW015733.D
Acq: 25 Jun 2020 17:08

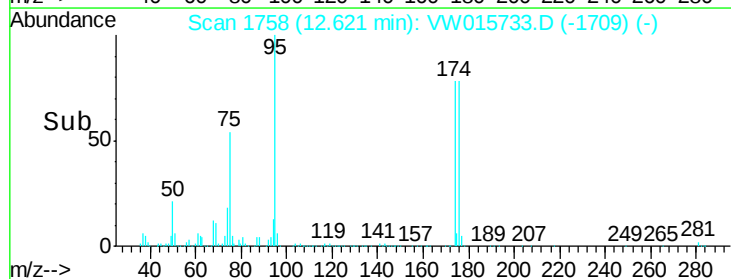
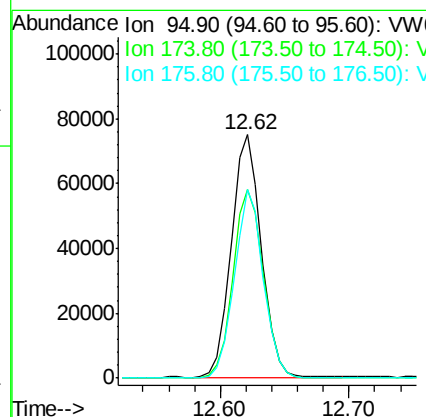
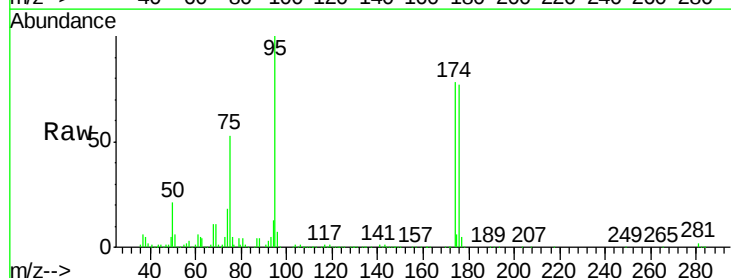
Instrument :
MSVOA_W
ClientSampleId :
TP-7-S2

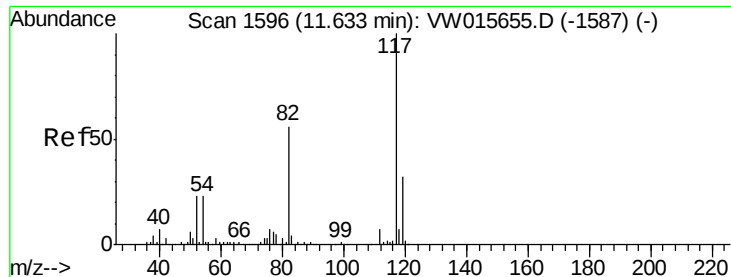
Tot Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.4#



#62
4-Bromofluorobenzene
Concen: 45.051 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015733.D
Acq: 25 Jun 2020 17:08

Tgt Ion: 95 Resp: 121250
Ion Ratio Lower Upper
95 100
174 79.0 0.0 157.0
176 75.0 0.0 151.4

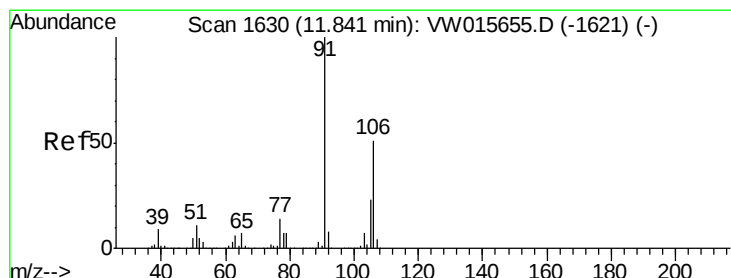
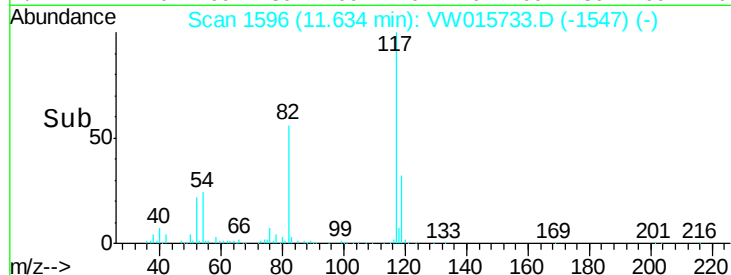
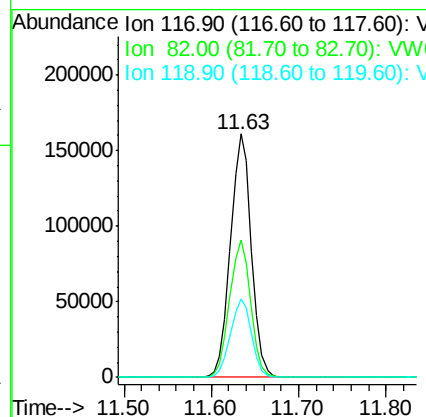
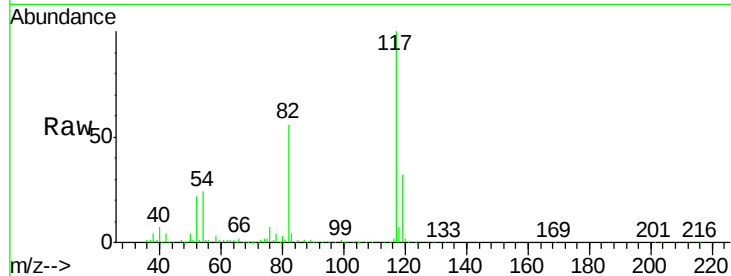




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015733.D
Acq: 25 Jun 2020 17:08

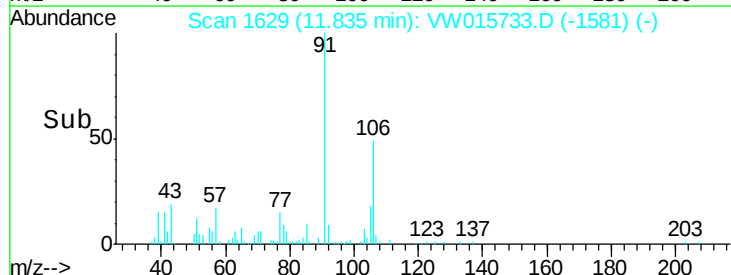
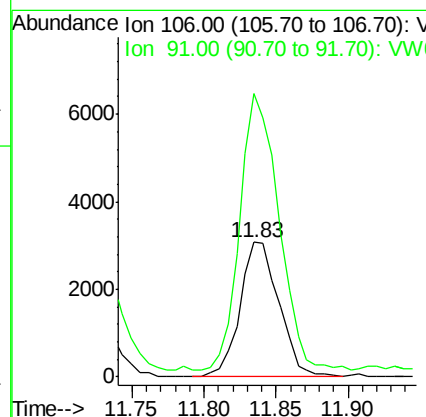
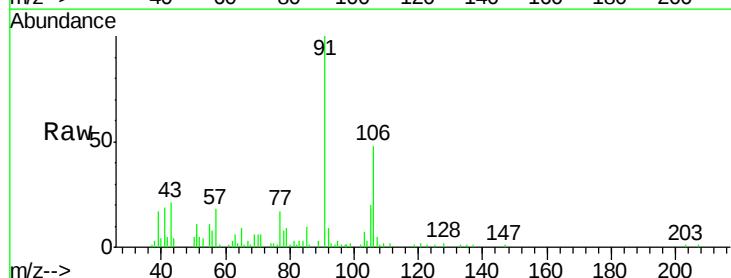
Instrument :
MSVOA_W
ClientSampled :
TP-7-S2

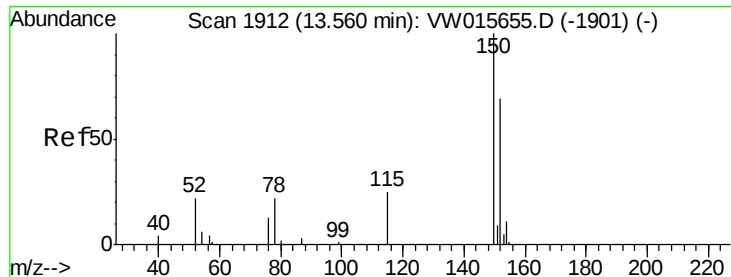
Tot Ion:117 Resp: 265701
Ion Ratio Lower Upper
117 100
82 56.3 45.1 67.7
119 32.0 25.8 38.8



#68
m/p-Xylenes
Concen: 1.476 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015733.D
Acq: 25 Jun 2020 17:08

Tgt Ion:106 Resp: 5780
Ion Ratio Lower Upper
106 100
91 204.8 162.6 244.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015733.D

Acq: 25 Jun 2020 17:08

Instrument :

MSVOA_W

ClientSampled :

TP-7-S2

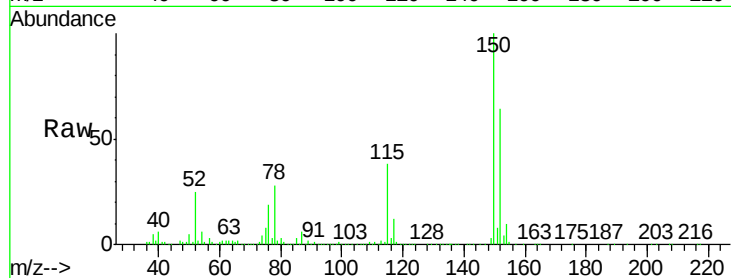
Tot Ion:152 Resp: 115426

Ion Ratio Lower Upper

152 100

115 59.1 30.1 90.5

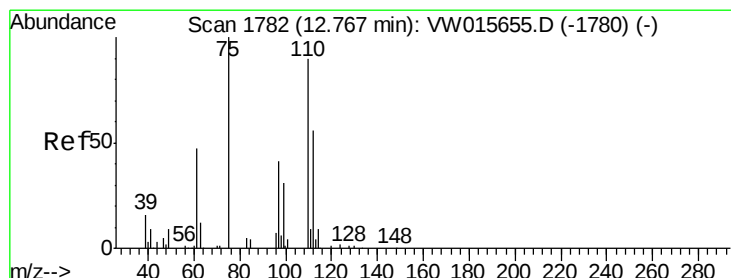
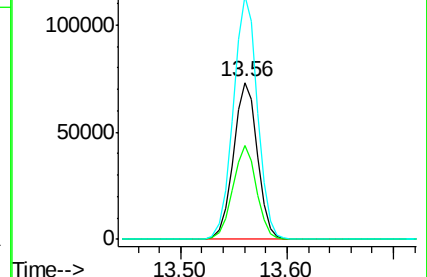
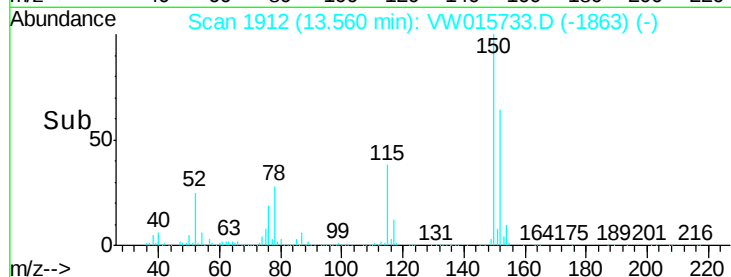
150 155.9 0.0 345.6



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: 62.355 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015733.D

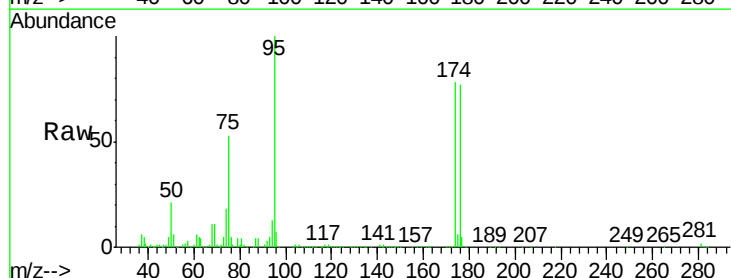
Acq: 25 Jun 2020 17:08

Tgt Ion: 75 Resp: 65651

Ion Ratio Lower Upper

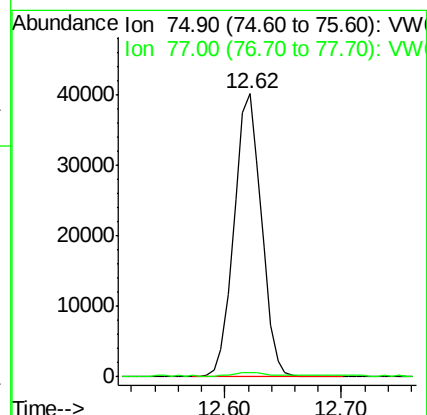
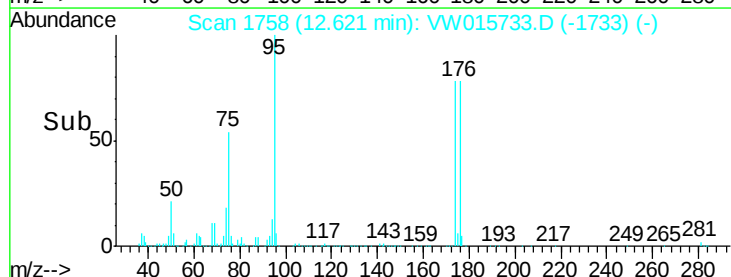
75 100

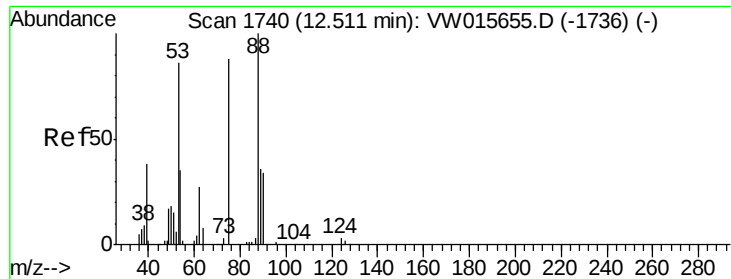
77 1.4 179.1 537.1#



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: 157.136 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015733.D

Acq: 25 Jun 2020 17:08

Instrument :

MSVOA_W

ClientSampleId :

TP-7-S2

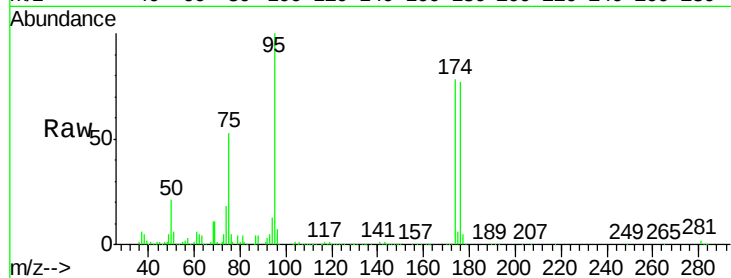
Tot Ion: 75 Resp: 65651

Ion Ratio Lower Upper

75 100

53 0.3 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

