

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
 Data File : VW015699.D
 Acq On : 24 Jun 2020 22:59
 Operator : SY/VA
 Sample : VW0624SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBL02

Quant Time: Jun 25 02:07:39 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	165327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	287888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119684	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	103100	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
35) Dibromofluoromethane	7.88	113	88815	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
50) Toluene-d8	10.32	98	343026	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.62	95	123932	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	

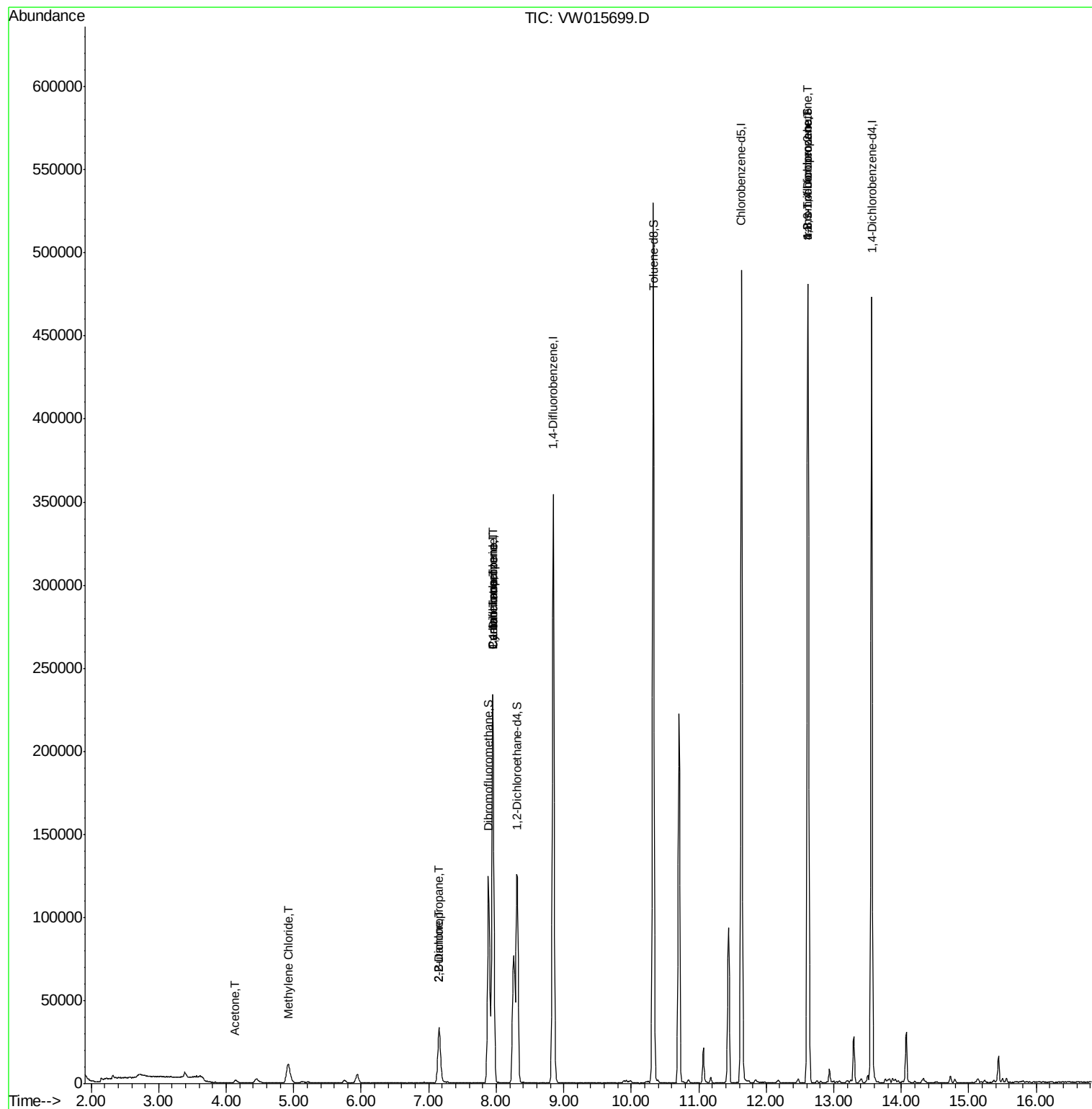
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	87	Below Cal	#	72
16) Acetone	4.14	43	3338	9.546	ug/l	98
18) Methyl Acetate	4.65	43	143	Below Cal	#	52
20) Methylene Chloride	4.92	84	9755	1.288	ug/l	96
25) 2-Butanone	7.15	43	2246	4.752	ug/l #	67
26) 2,2-Dichloropropane	7.16	77	2339	1.065	ug/l #	53
31) Cyclohexane	7.95	56	4046	1.277	ug/l #	22
36) 1,1-Dichloropropene	7.95	75	14626	4.885	ug/l #	50
38) Carbon Tetrachloride	7.95	117	17177	5.918	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	66869	61.252	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	66869	154.358	ug/l #	8

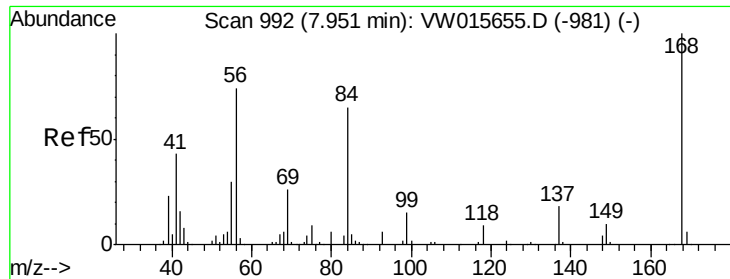
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015699.D

Acq: 24 Jun 2020 22:59

Instrument :

MSVOA_W

ClientSampled :

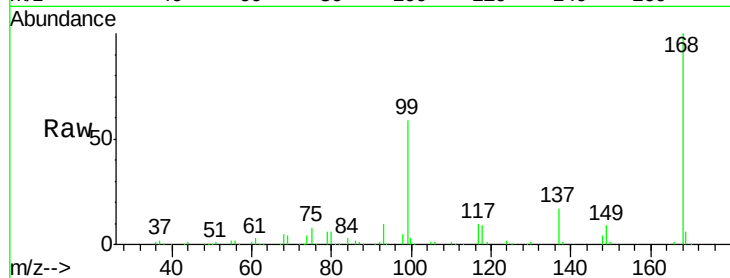
VW0624SBL02

Tgt Ion: 168 Resp: 165327

Ion Ratio Lower Upper

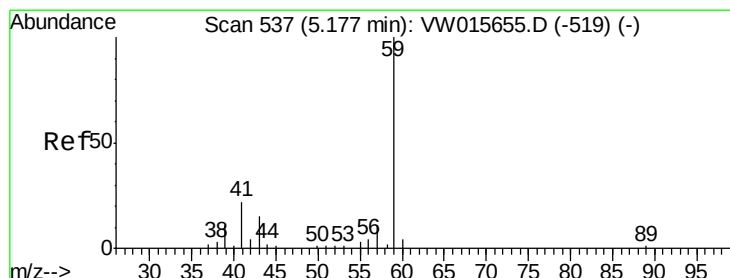
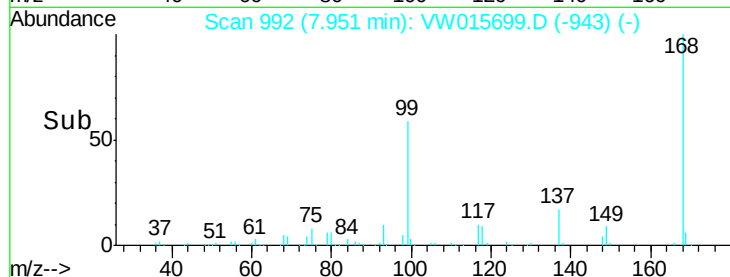
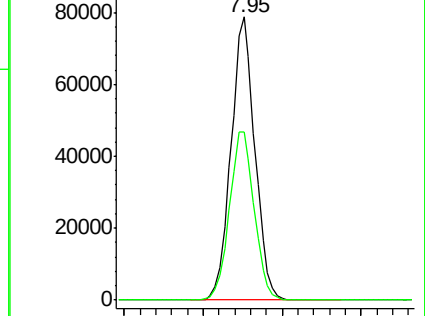
168 100

99 59.2 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: 5.15 min Scan# 533

Delta R.T. -0.02 min

Lab File: VW015699.D

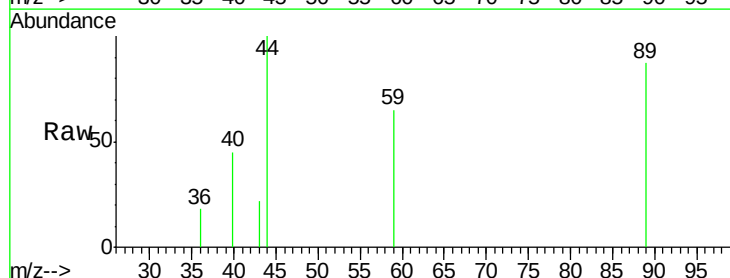
Acq: 24 Jun 2020 22:59

Tgt Ion: 59 Resp: 87

Ion Ratio Lower Upper

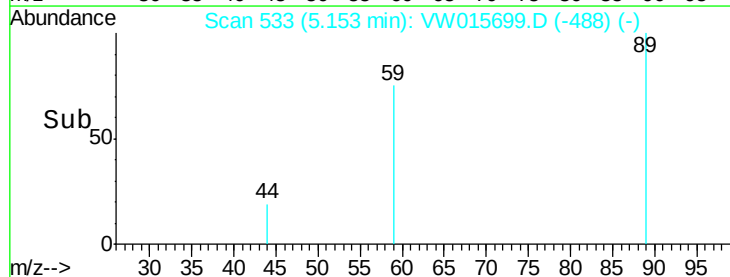
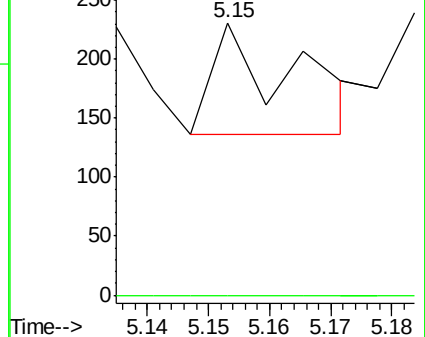
59 100

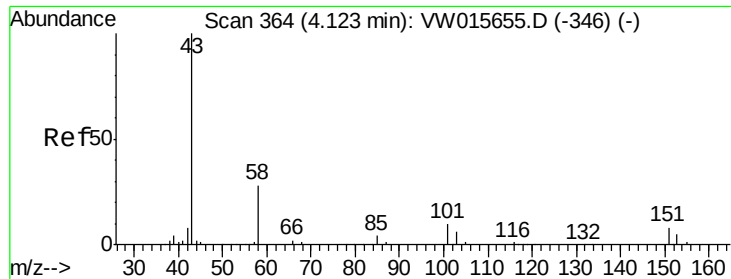
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

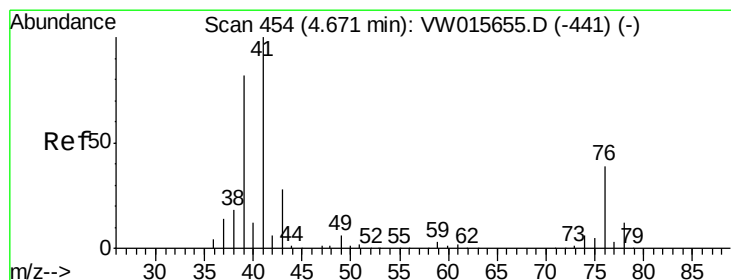
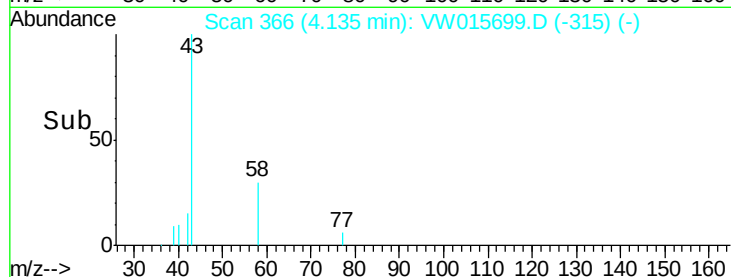
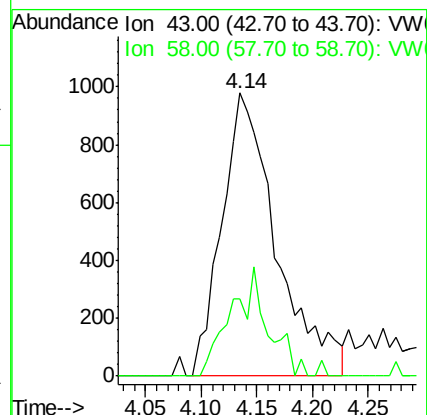
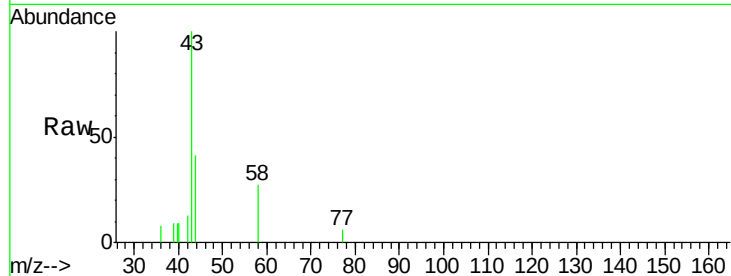




#16
Acetone
Concen: 9.546 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW015699.D
Acq: 24 Jun 2020 22:59

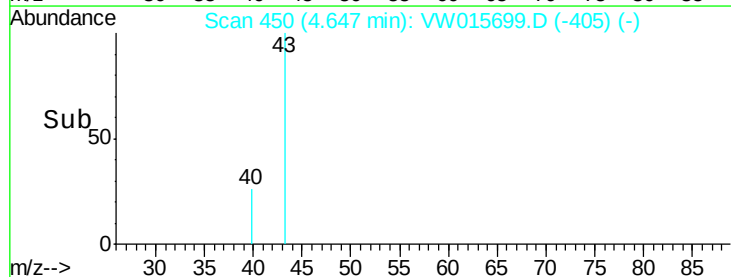
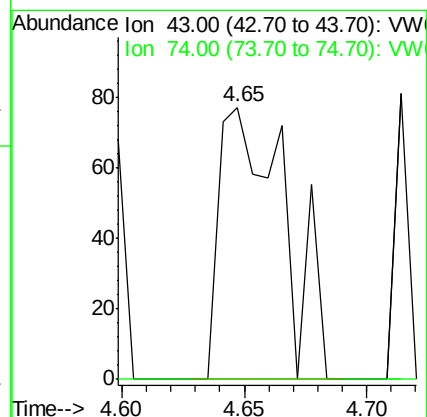
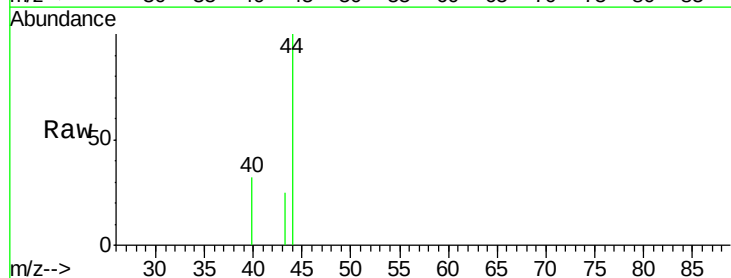
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBL02

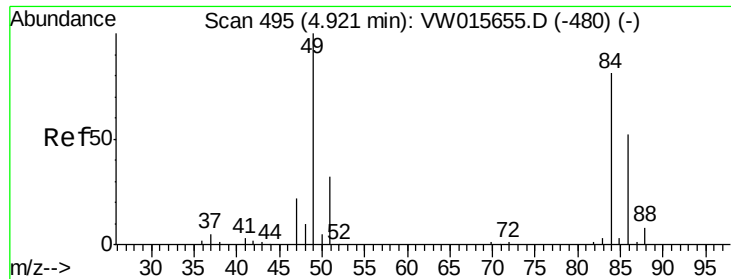
Tgt Ion: 43 Resp: 3338
Ion Ratio Lower Upper
43 100
58 27.2 22.6 33.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.65 min Scan# 450
Delta R.T. -0.02 min
Lab File: VW015699.D
Acq: 24 Jun 2020 22:59

Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

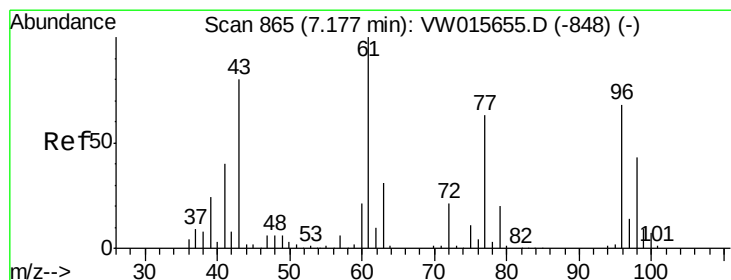
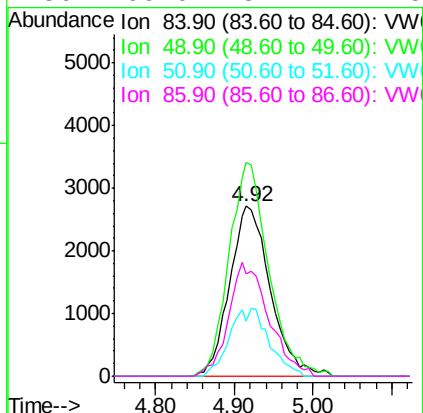
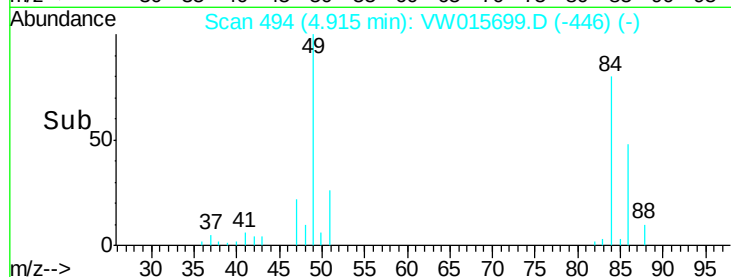
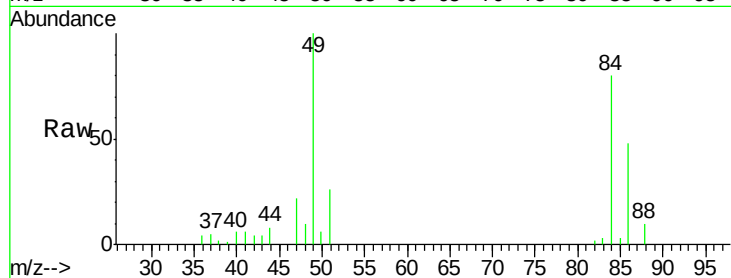




#20
Methylene Chloride
Concen: 1.288 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015699.D
Acq: 24 Jun 2020 22:59

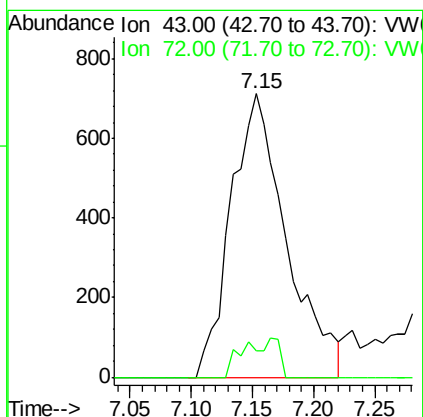
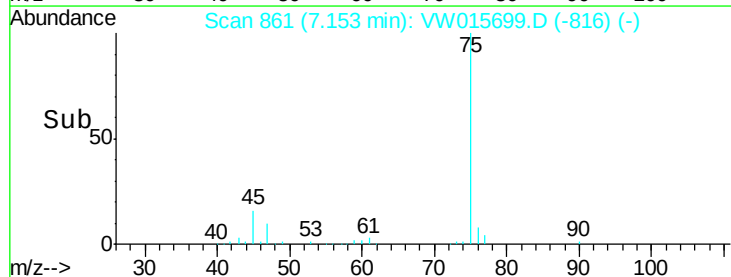
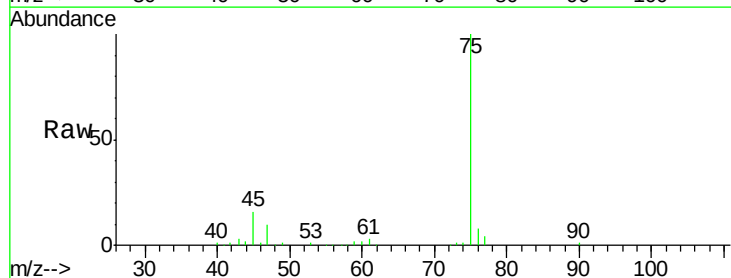
Instrument :
MSVOA_W
ClientSampleId :
VW0624SBL02

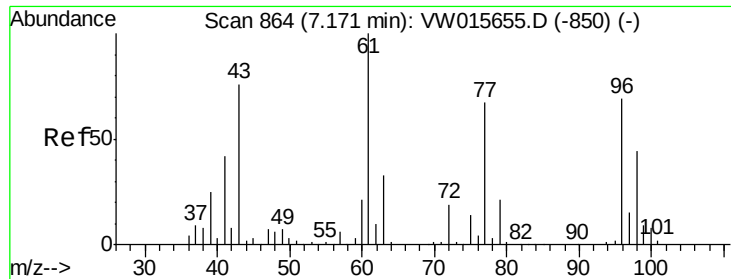
Tgt Ion:	84	Resp:	9755
Ion	Ratio	Lower	Upper
84	100		
49	125.6	99.3	148.9
51	32.5	31.8	47.6
86	60.0	51.7	77.5



#25
2-Butanone
Concen: 4.752 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW015699.D
Acq: 24 Jun 2020 22:59

Tgt Ion:	43	Resp:	2246
Ion	Ratio	Lower	Upper
43	100		
72	9.4	21.1	31.7#

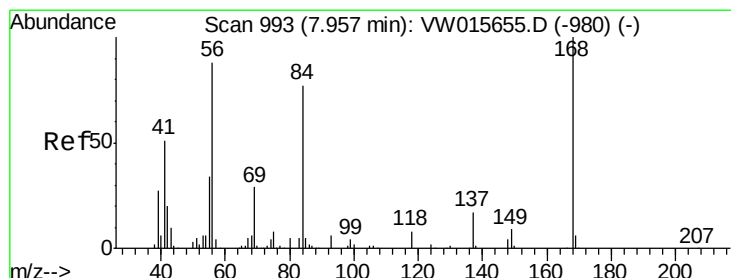
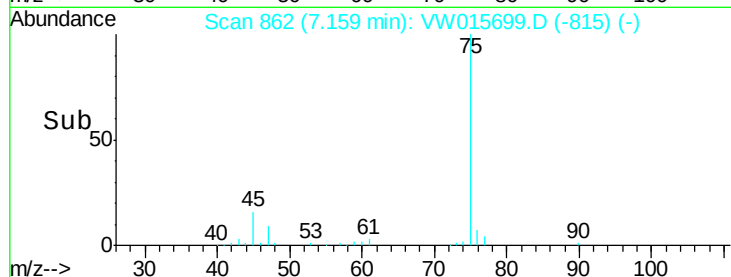
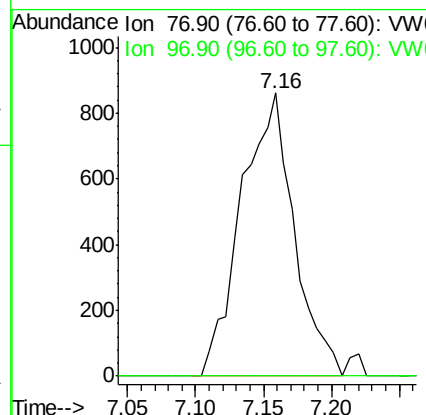
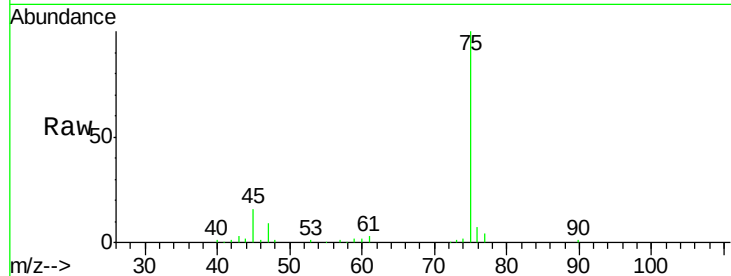




#26
 2,2-Dichloropropane
 Concen: 1.065 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW015699.D
 Acq: 24 Jun 2020 22:59

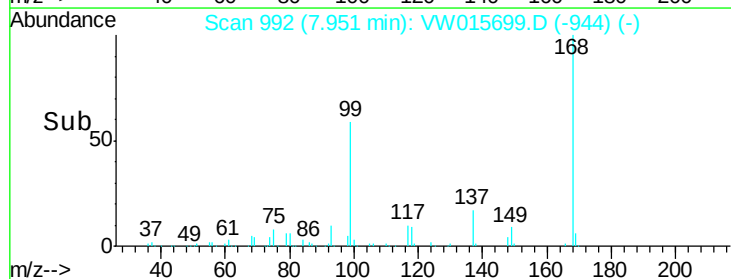
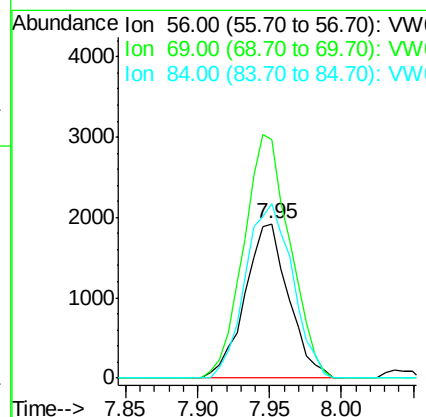
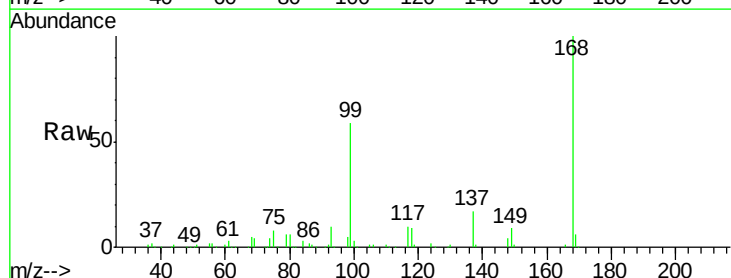
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBL02

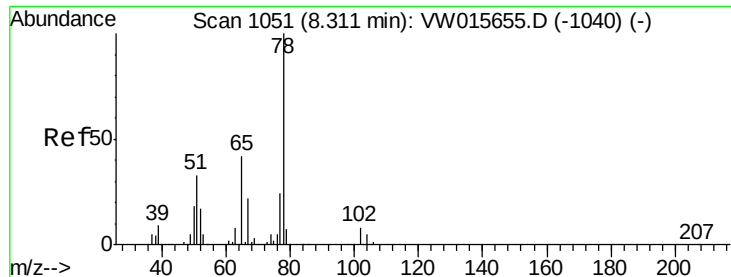
Tgt Ion: 77 Resp: 2339
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.2 33.5#



#31
 Cyclohexane
 Concen: 1.277 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VW015699.D
 Acq: 24 Jun 2020 22:59

Tgt Ion: 56 Resp: 4046
 Ion Ratio Lower Upper
 56 100
 69 154.9 26.2 39.4#
 84 113.1 70.4 105.6#

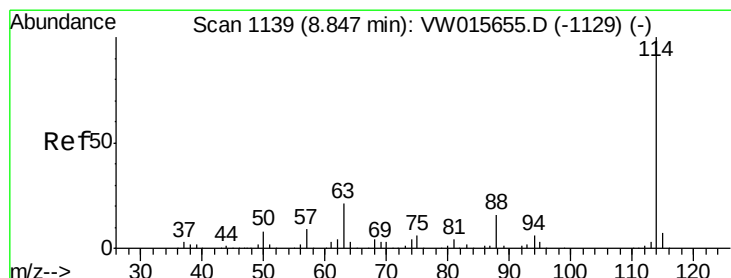
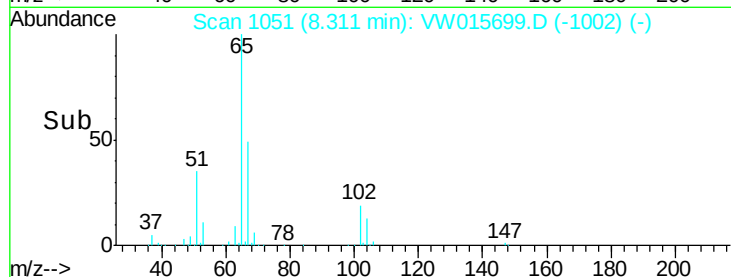
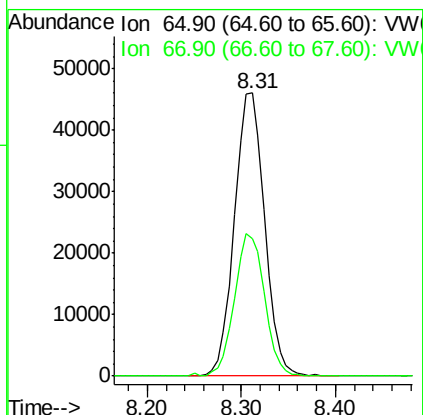
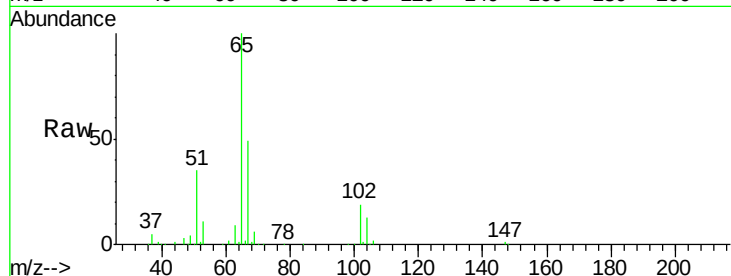




#33
 1,2-Dichloroethane-d4
 Concen: 56.048 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW015699.D
 Acq: 24 Jun 2020 22:59

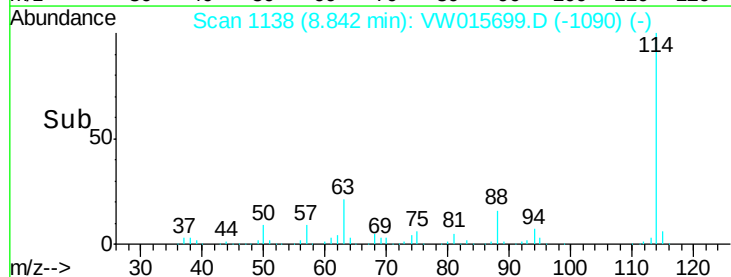
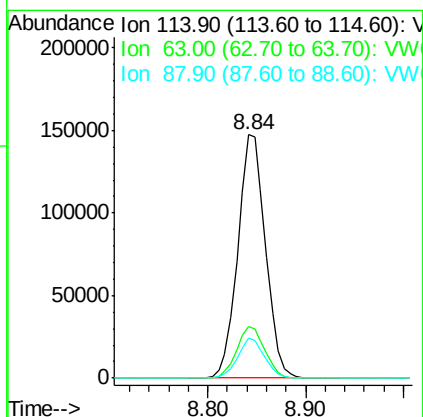
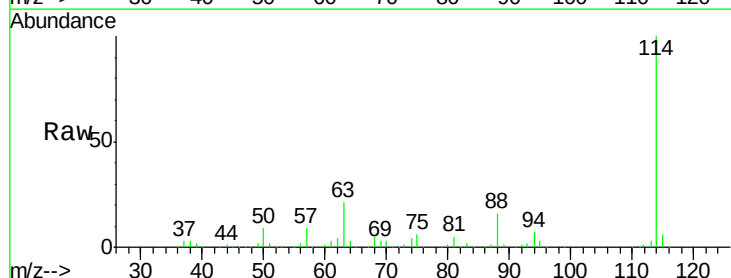
Instrument :
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 ClientSampleId :
 VW0624SBL02

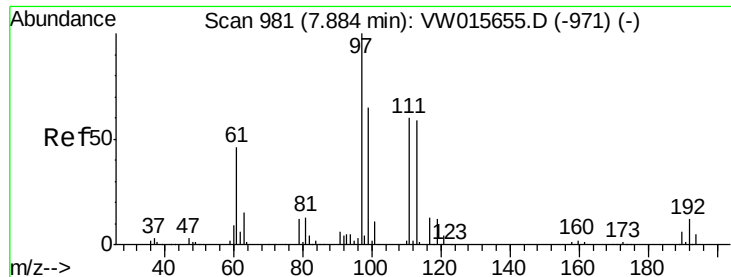
Tgt Ion: 65 Resp: 103100
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015699.D
 Acq: 24 Jun 2020 22:59

Tgt Ion: 114 Resp: 287888
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 42.4
 88 16.2 0.0 32.6

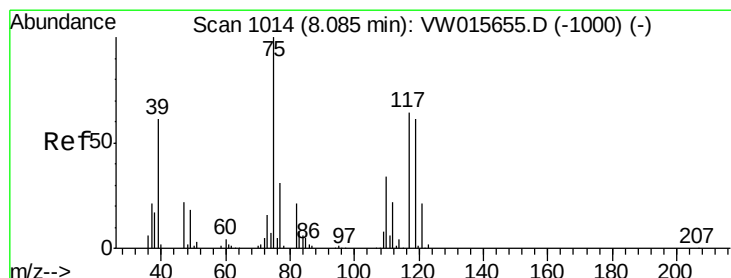
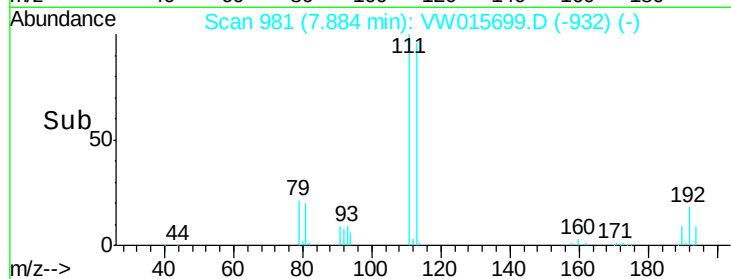
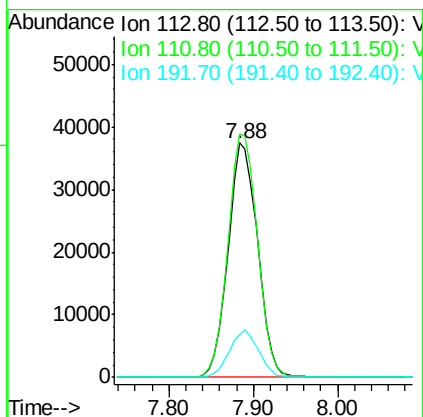
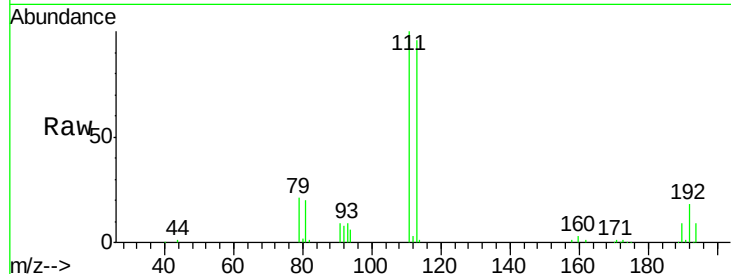




#35
 Dibromofluoromethane
 Concen: 49.045 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015699.D
 Acq: 24 Jun 2020 22:59

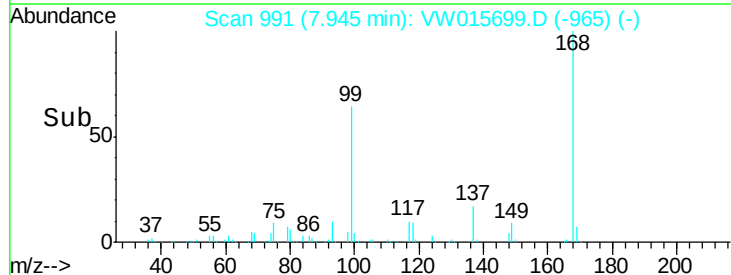
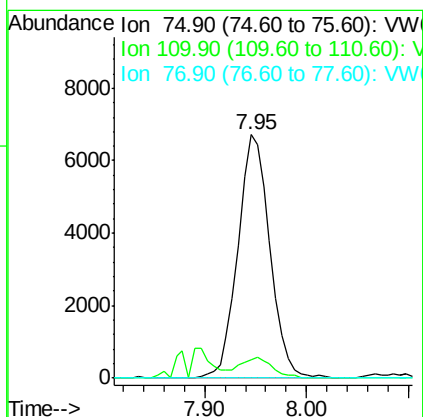
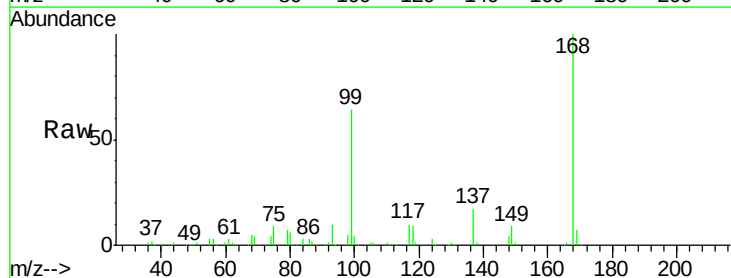
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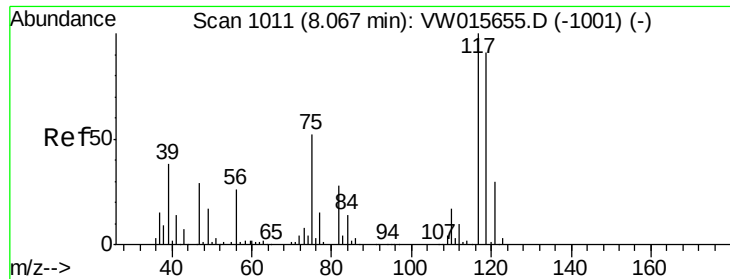
Tgt Ion:113 Resp: 88815
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.3 123.5
 192 19.8 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 4.885 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015699.D
 Acq: 24 Jun 2020 22:59

Tgt Ion: 75 Resp: 14626
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.0 51.0#
 77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.918 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW015699.D

Acq: 24 Jun 2020 22:59

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBL02

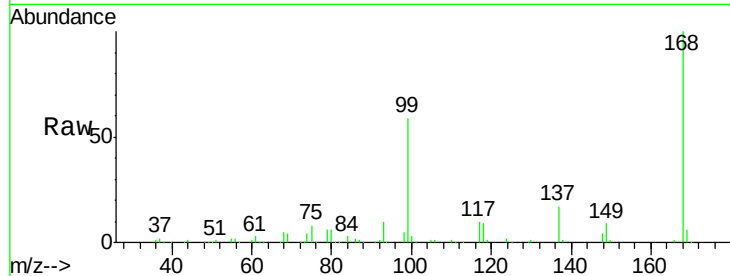
Tgt Ion: 117 Resp: 17177

Ion Ratio Lower Upper

117 100

119 5.3 73.2 109.8#

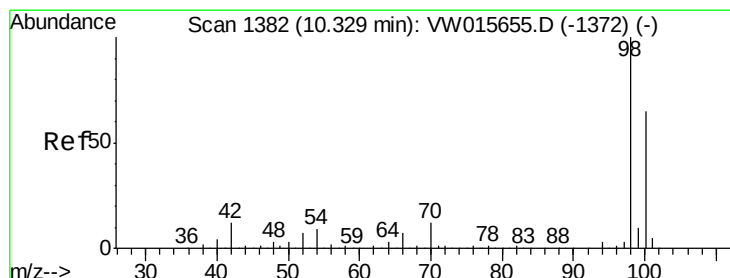
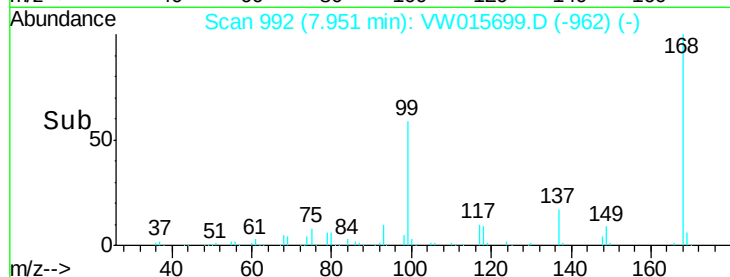
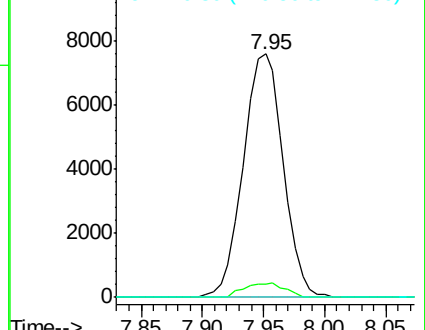
121 0.0 23.9 35.9#



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: 48.133 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW015699.D

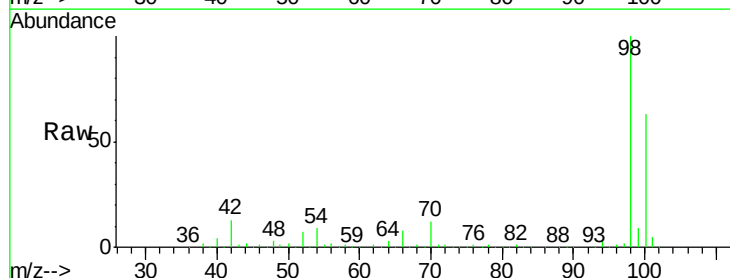
Acq: 24 Jun 2020 22:59

Tgt Ion: 98 Resp: 343026

Ion Ratio Lower Upper

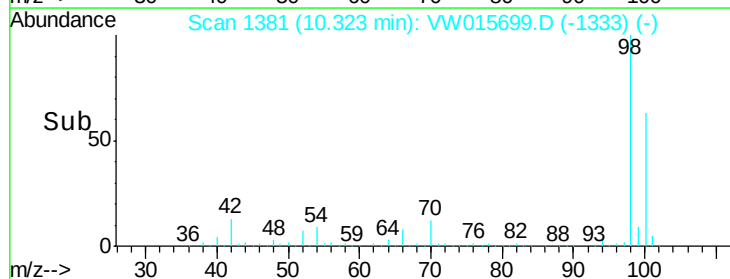
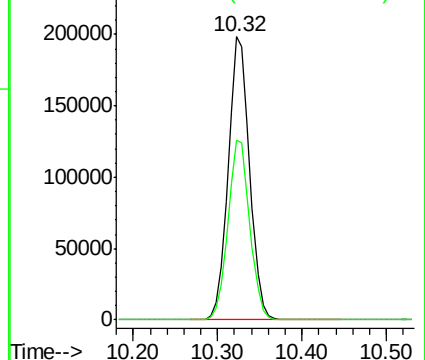
98 100

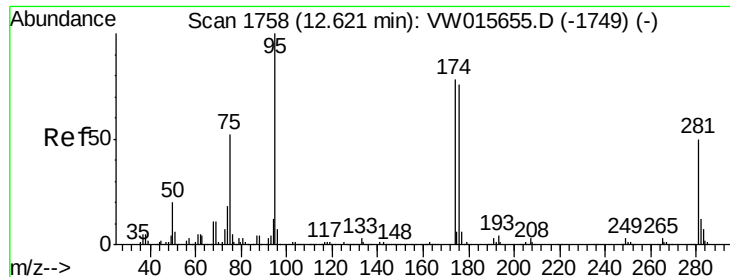
100 64.8 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.220 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW015699.D

Acq: 24 Jun 2020 22:59

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBL02

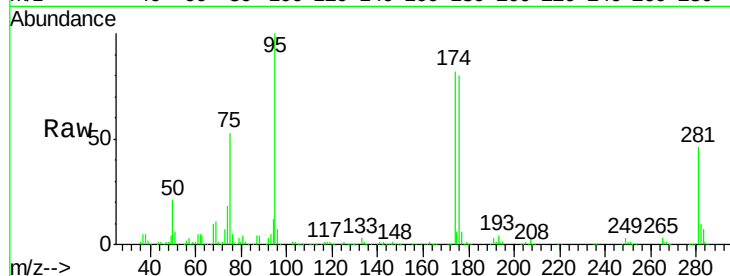
Tgt Ion: 95 Resp: 123932

Ion Ratio Lower Upper

95 100

174 77.7 0.0 157.0

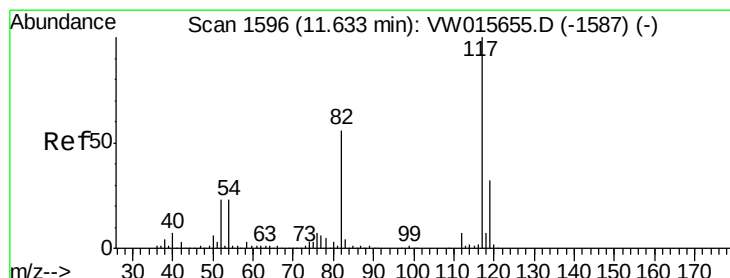
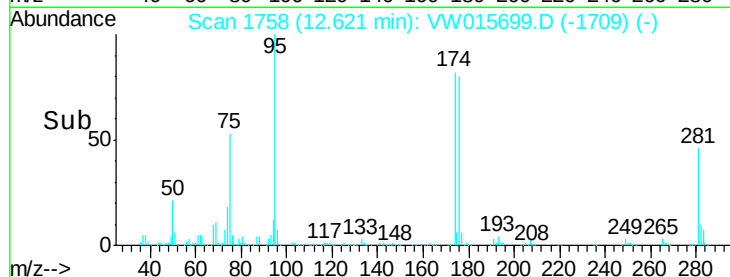
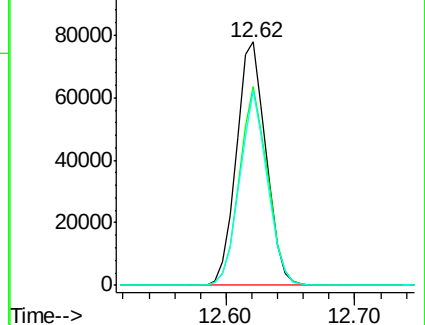
176 74.6 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW015699.D

Acq: 24 Jun 2020 22:59

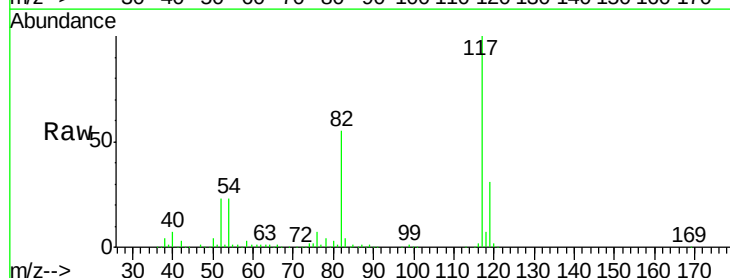
Tgt Ion: 117 Resp: 264825

Ion Ratio Lower Upper

117 100

82 55.4 45.1 67.7

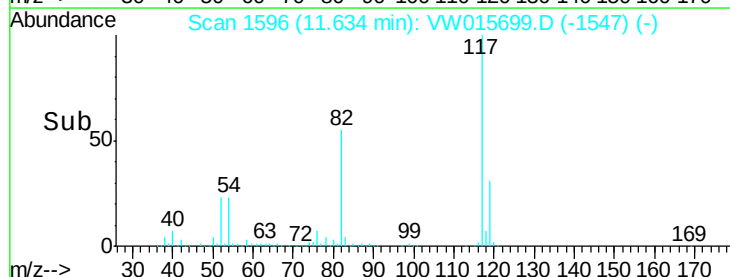
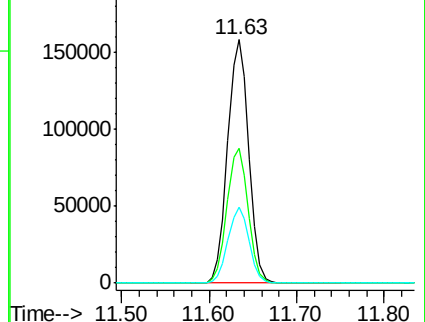
119 31.1 25.8 38.8

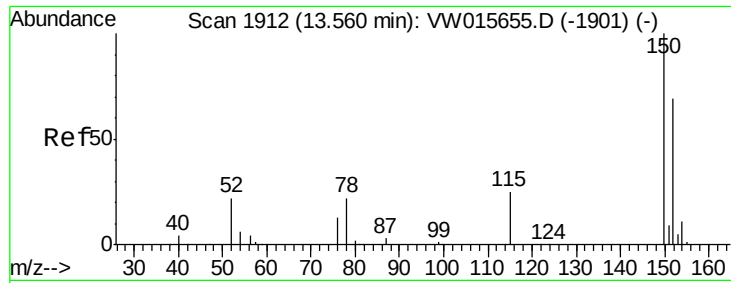


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015699.D

Acq: 24 Jun 2020 22:59

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBL02

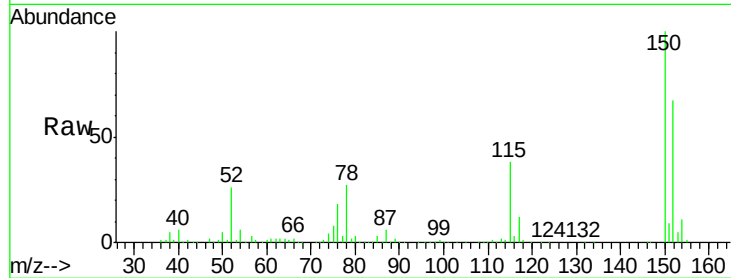
Tgt Ion:152 Resp: 119684

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.5

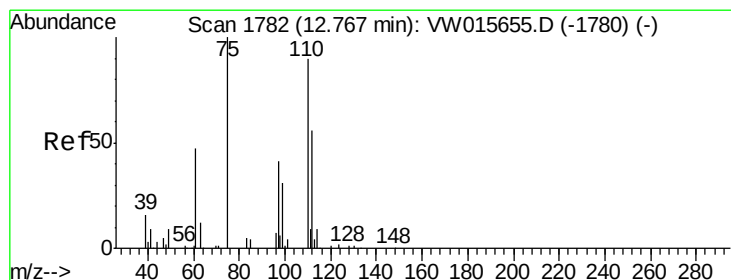
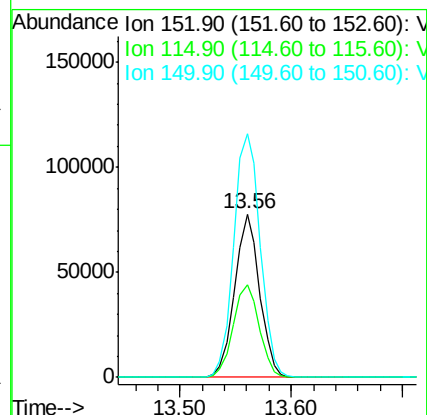
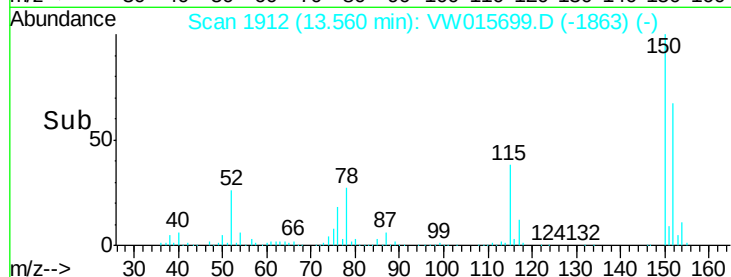
150 159.0 0.0 345.6



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: 61.252 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015699.D

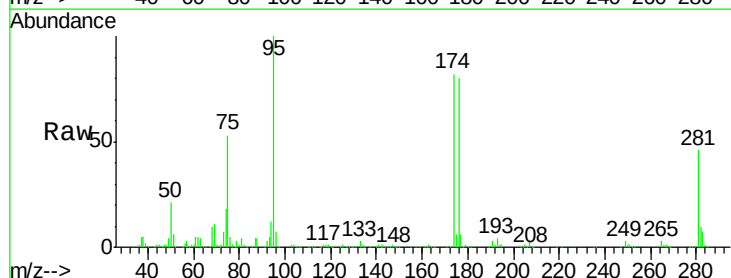
Acq: 24 Jun 2020 22:59

Tgt Ion: 75 Resp: 66869

Ion Ratio Lower Upper

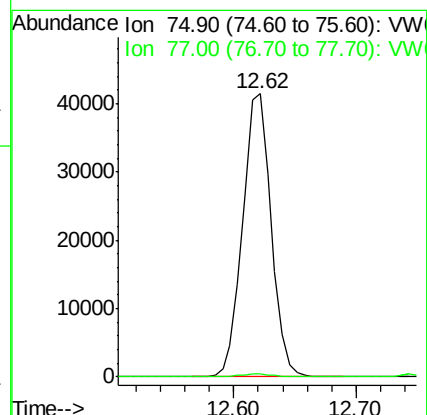
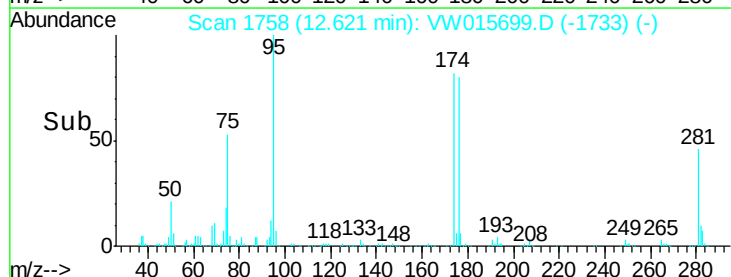
75 100

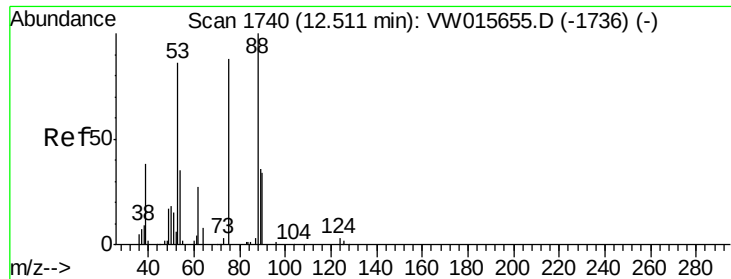
77 1.1 179.1 537.1#



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: 154.358 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015699.D

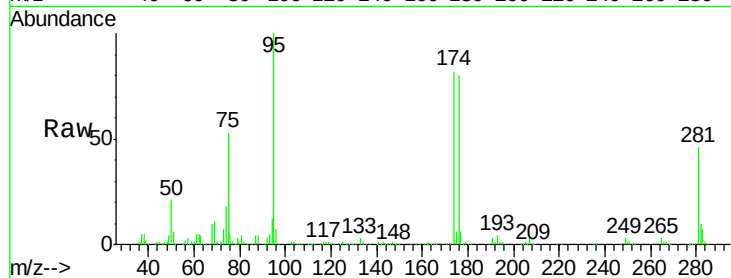
Acq: 24 Jun 2020 22:59

Instrument :

MSVOA_W

ClientSampleId :

VW0624SBL02



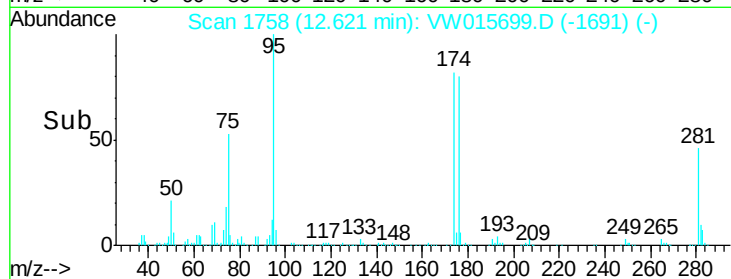
Tgt Ion: 75 Resp: 66869

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.7 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

