

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062520\
 Data File : VW015727.D
 Acq On : 25 Jun 2020 14:31
 Operator : SY/VA
 Sample : L3099-03RE
 Misc : 8.03G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Jun 26 01:41:53 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	156826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	264464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	244937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	111353	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	99624	57.09	ug/l	0.00
Spiked Amount			Recovery	=	114.18%	
35) Dibromofluoromethane	7.89	113	81953	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	10.33	98	325568	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	112195	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	

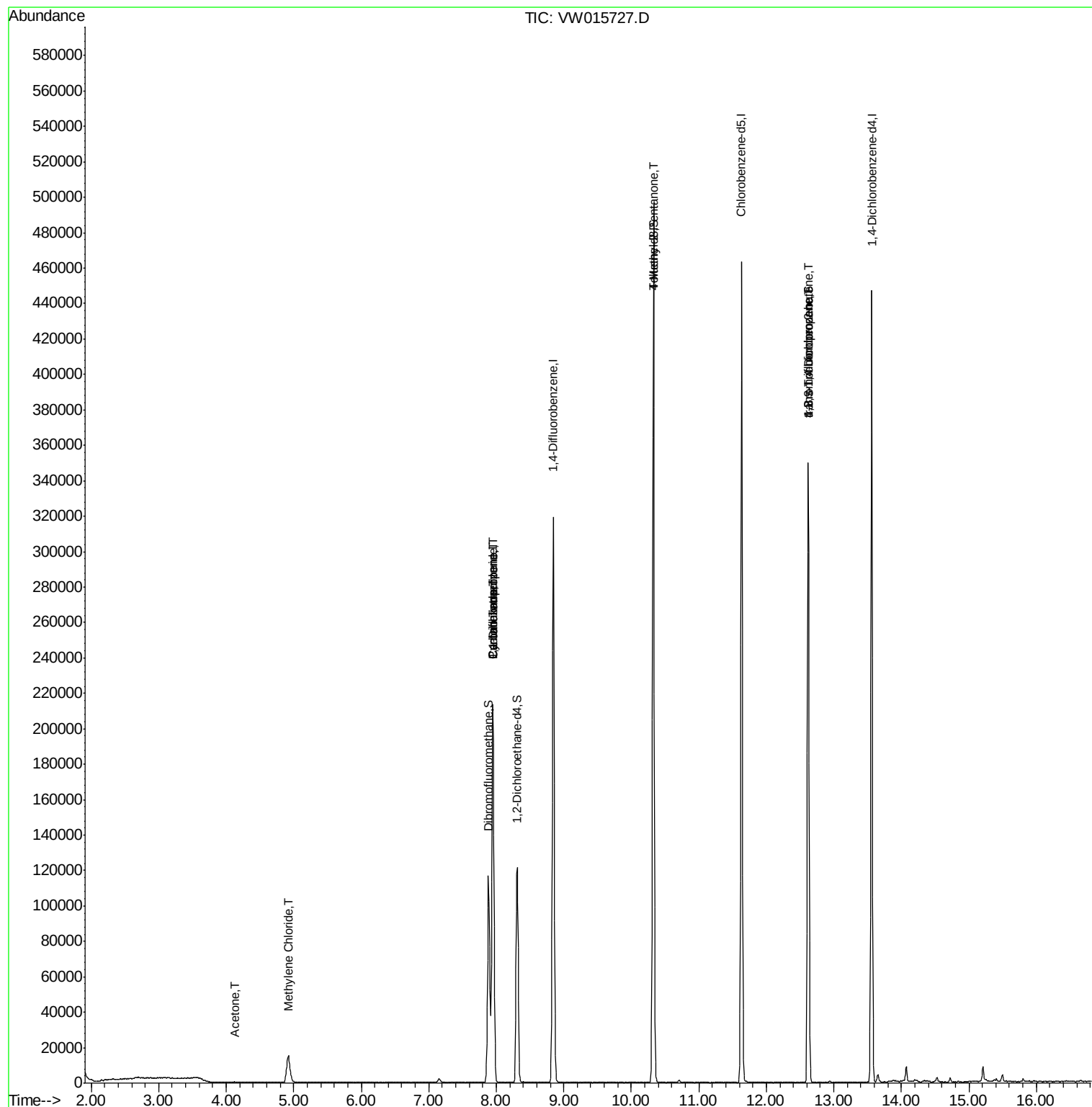
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	873	2.632	ug/l #	47
18) Methyl Acetate	4.42	43	63	Below Cal	#	52
20) Methylene Chloride	4.93	84	13125	3.923	ug/l	95
31) Cyclohexane	7.95	56	3876	1.290	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	12926	4.699	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15724	5.897	ug/l #	17
51) 4-Methyl-2-Pentanone	10.32	43	1657	1.639	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	60975	60.032	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	60975	151.283	ug/l #	8

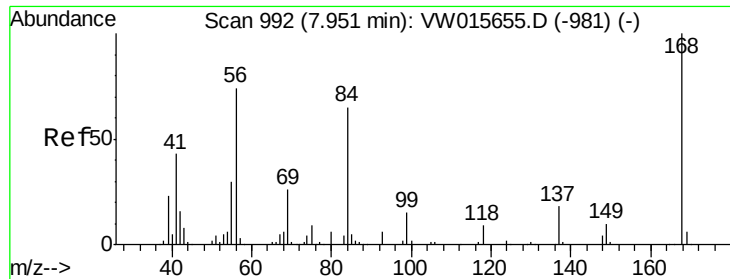
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW015727.D

Acq: 25 Jun 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

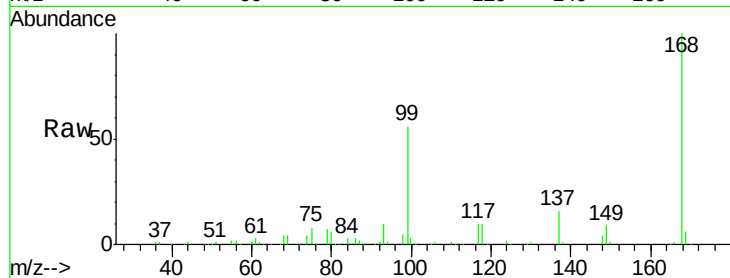
TP-4

Tot Ion:168 Resp: 156826

Ion Ratio Lower Upper

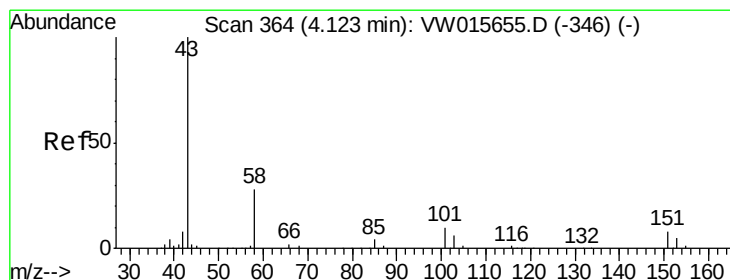
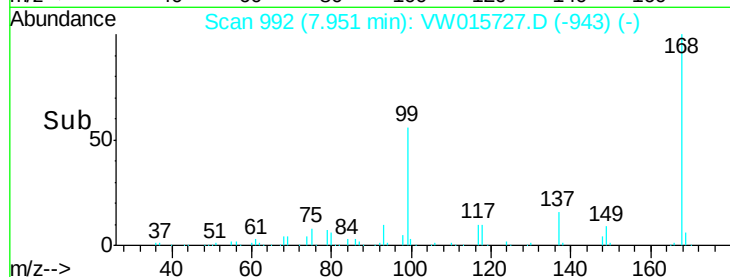
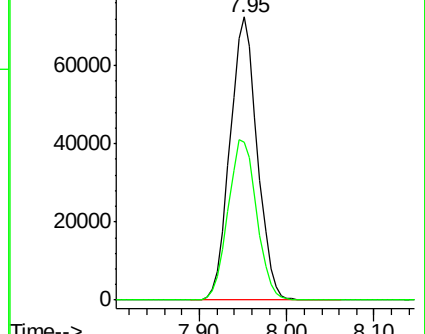
168 100

99 56.0 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.632 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW015727.D

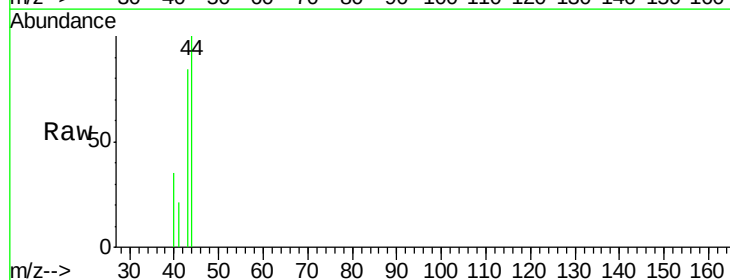
Acq: 25 Jun 2020 14:31

Tgt Ion: 43 Resp: 873

Ion Ratio Lower Upper

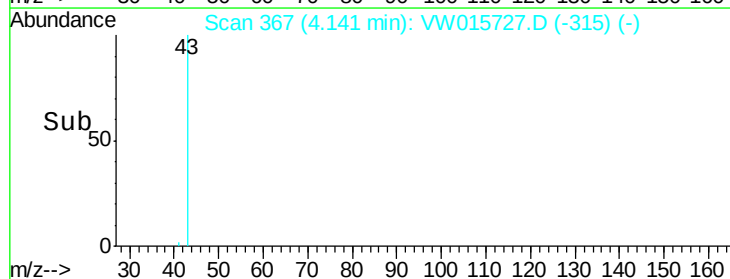
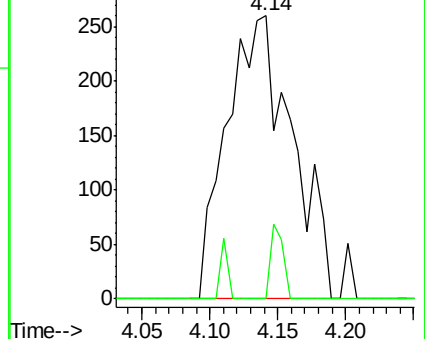
43 100

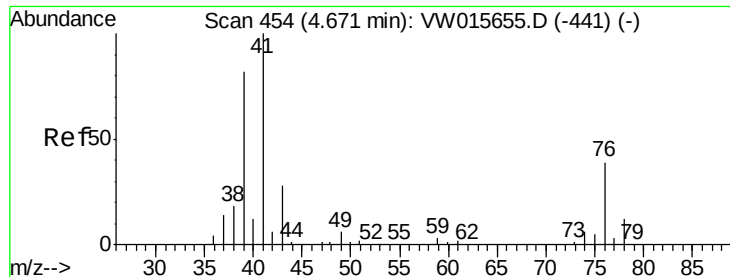
58 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

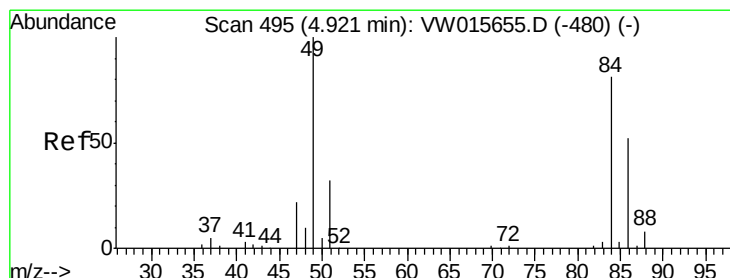
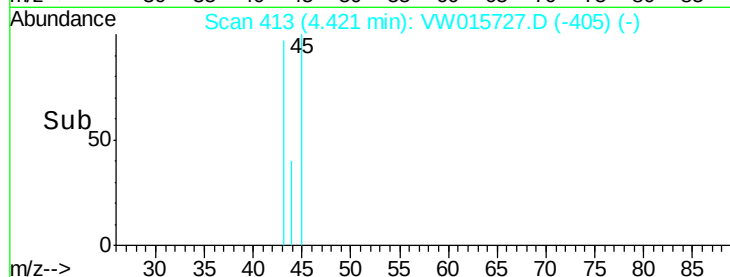
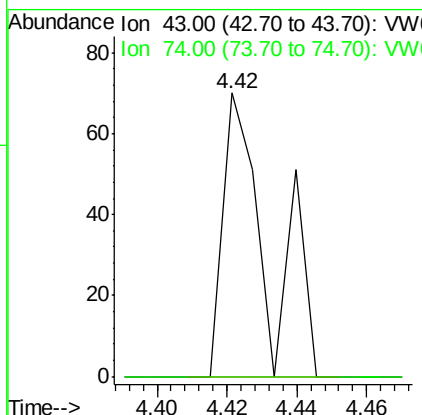
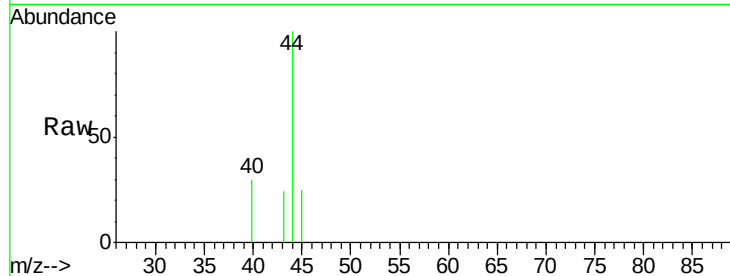




#18
Methyl Acetate
Concen: Below Cal
RT: 4.42 min Scan# 413
Delta R.T. -0.25 min
Lab File: VW015727.D
Acq: 25 Jun 2020 14:31

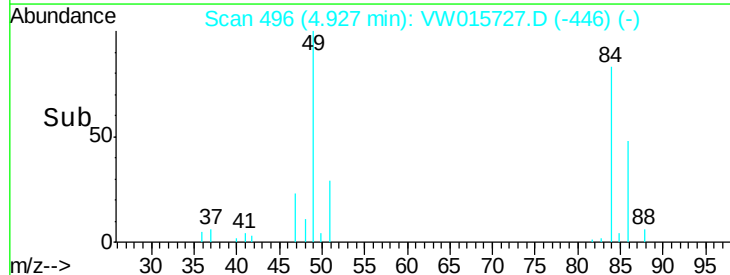
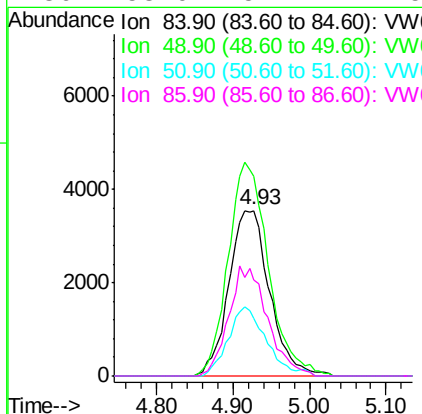
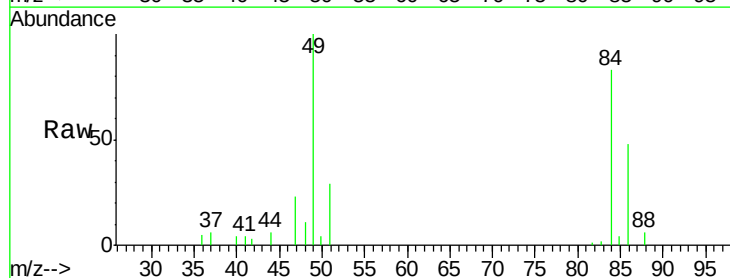
Instrument :
MSVOA_W
ClientSampled :
TP-4

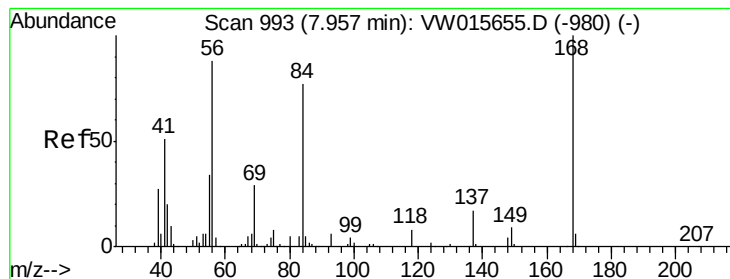
Tot Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#



#20
Methylene Chloride
Concen: 3.923 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015727.D
Acq: 25 Jun 2020 14:31

Tgt Ion: 84 Resp: 13125
Ion Ratio Lower Upper
84 100
49 120.7 99.3 148.9
51 34.8 31.8 47.6
86 58.0 51.7 77.5





#31

Cyclohexane

Concen: 1.290 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015727.D

Acq: 25 Jun 2020 14:31

Instrument :
MSVOA_W
ClientSampled :
TP-4

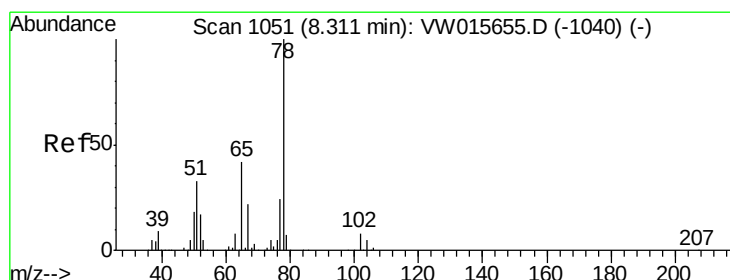
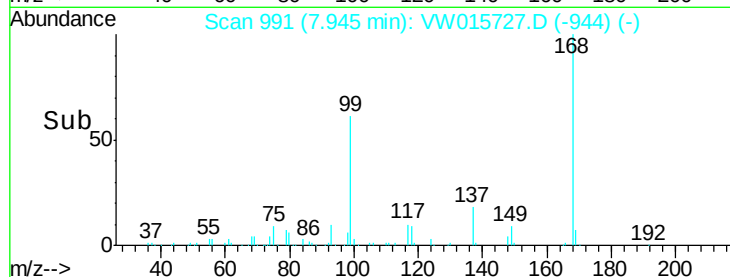
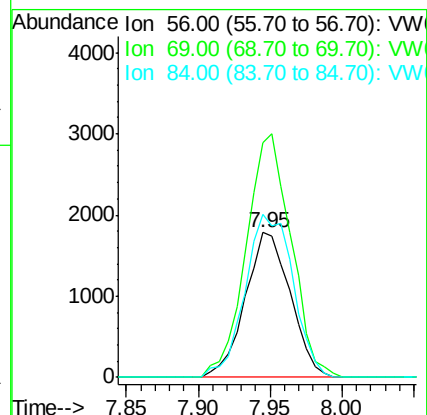
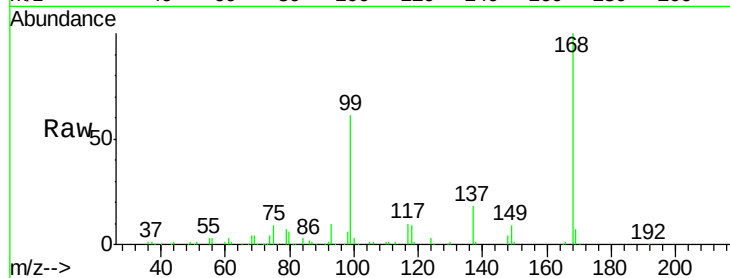
Tot Ion: 56 Resp: 3876

Ion Ratio Lower Upper

56 100

69 162.0 26.2 39.4#

84 112.7 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 57.094 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW015727.D

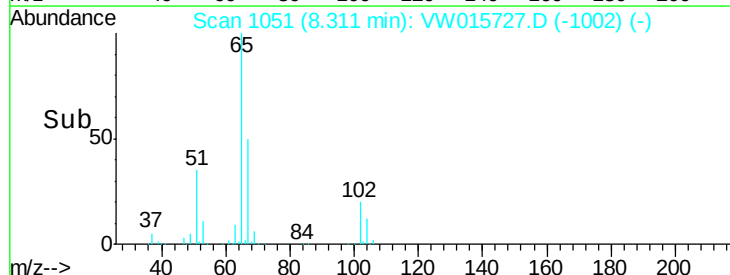
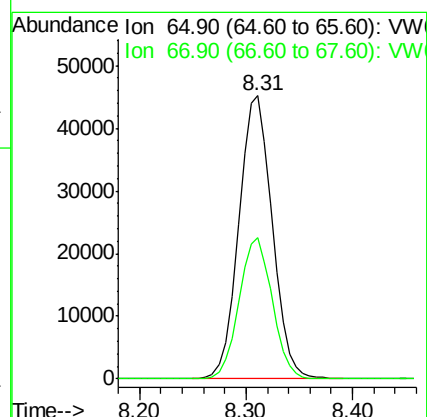
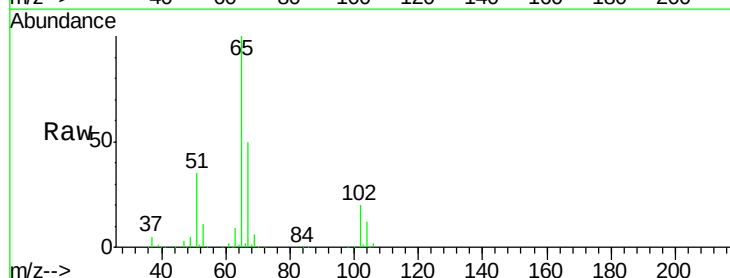
Acq: 25 Jun 2020 14:31

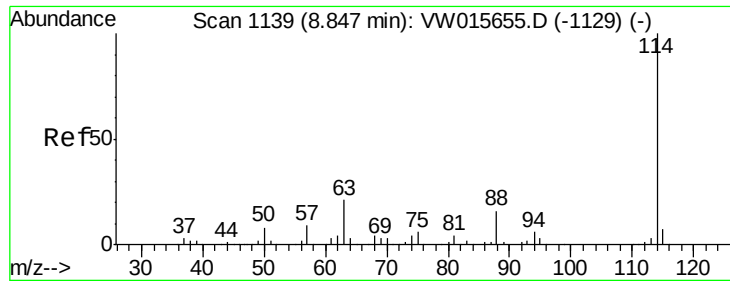
Tgt Ion: 65 Resp: 99624

Ion Ratio Lower Upper

65 100

67 49.7 0.0 102.2

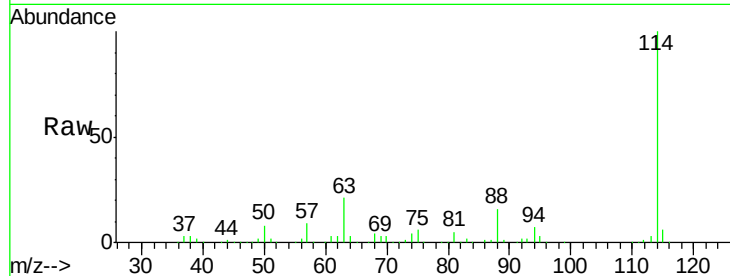




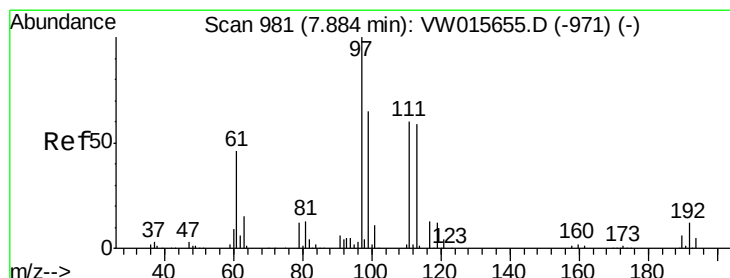
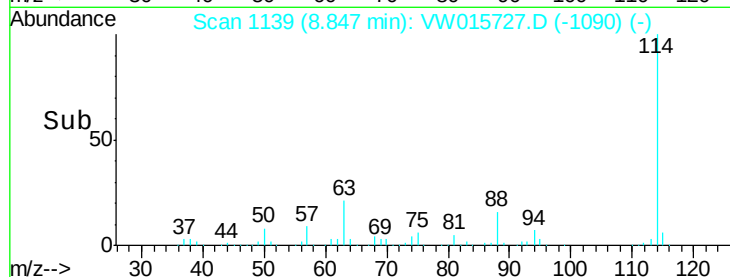
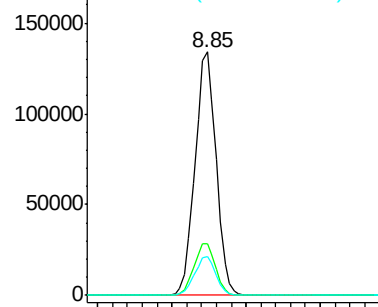
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW015727.D
Acq: 25 Jun 2020 14:31

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Tot Ion:114 Resp: 264464
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.9 0.0 32.6

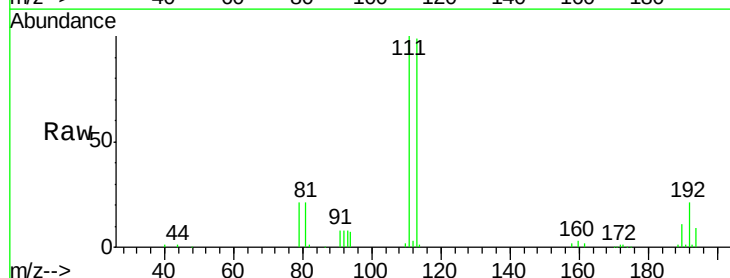


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

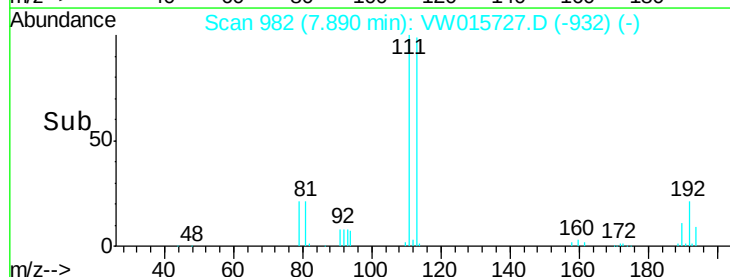
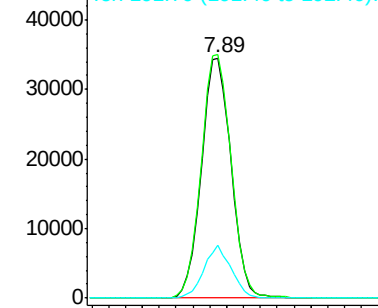


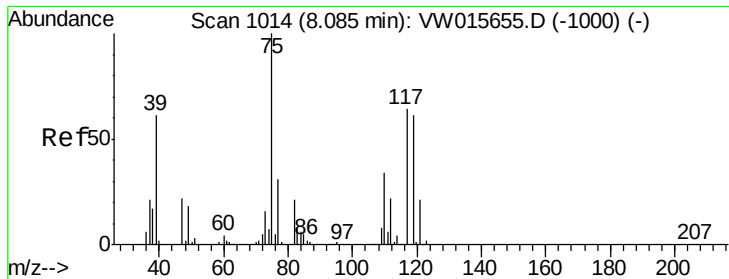
#35
Dibromofluoromethane
Concen: 49.264 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.01 min
Lab File: VW015727.D
Acq: 25 Jun 2020 14:31

Tgt Ion:113 Resp: 81953
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 20.2 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

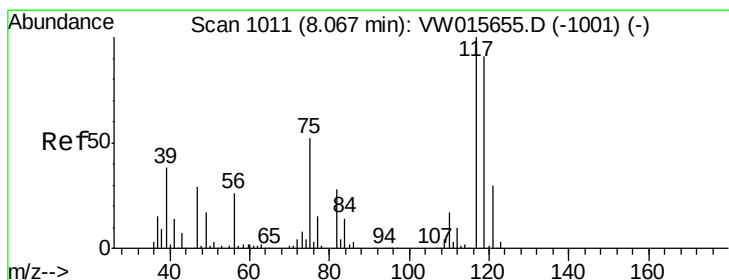
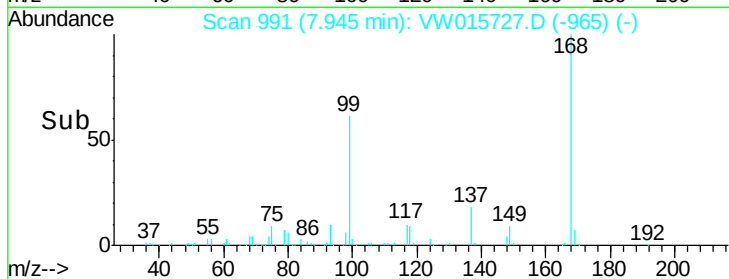
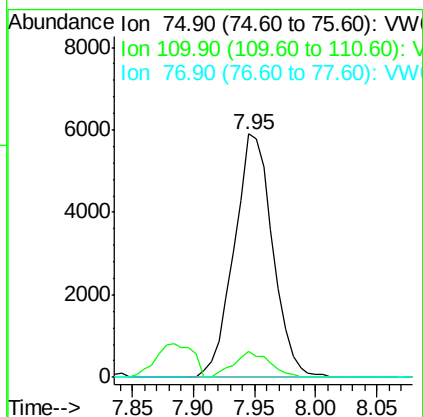
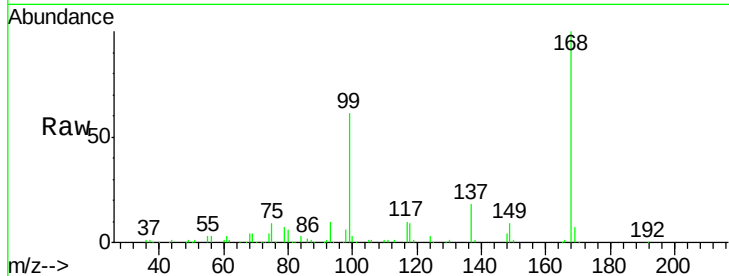




#36
 1,1-Dichloropropene
 Concen: 4.699 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015727.D
 Acq: 25 Jun 2020 14:31

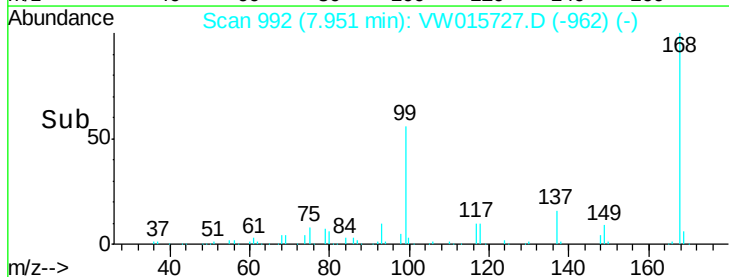
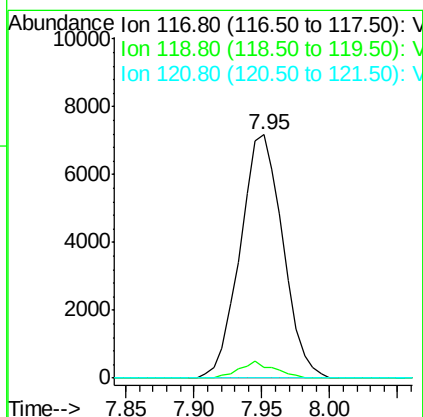
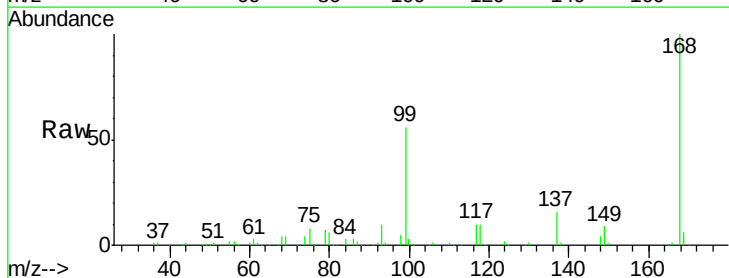
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

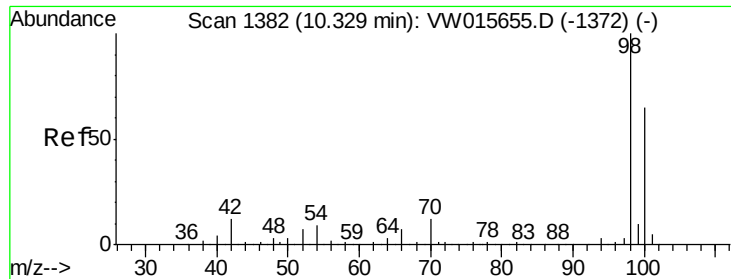
Tot Ion	75	Resp	12926
Ion Ratio	Lower	Upper	
75	100		
110	9.8	17.0	51.0#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 5.897 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW015727.D
 Acq: 25 Jun 2020 14:31

Tgt Ion	117	Resp	15724
Ion Ratio	Lower	Upper	
117	100		
119	4.5	73.2	109.8#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 49.730 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW015727.D

Acq: 25 Jun 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

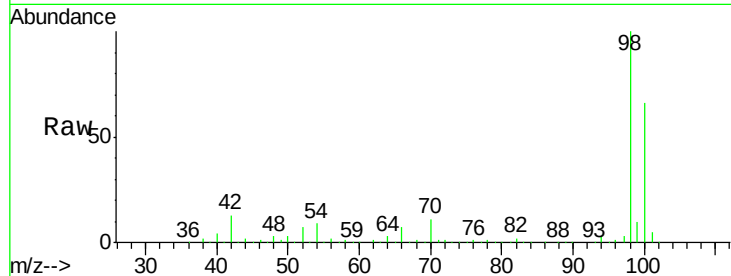
TP-4

Tot Ion: 98 Resp: 325568

Ion Ratio Lower Upper

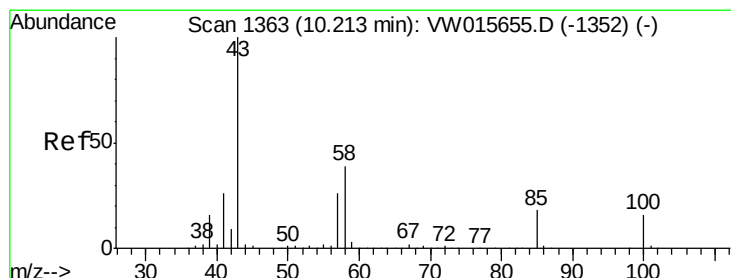
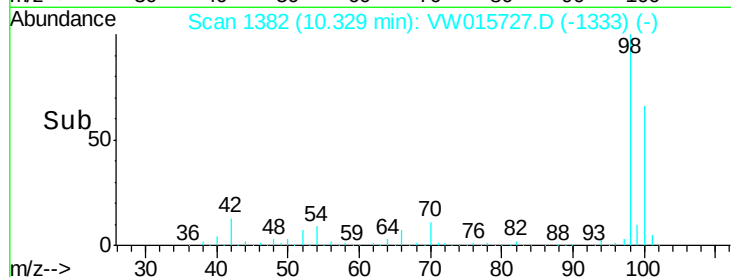
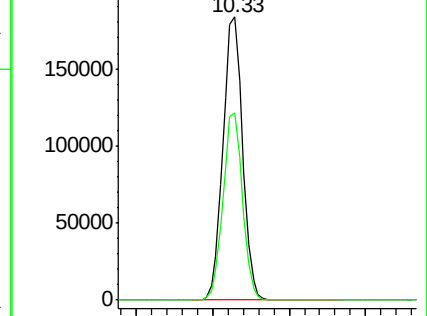
98 100

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



#51

4-Methyl-2-Pentanone

Concen: 1.639 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW015727.D

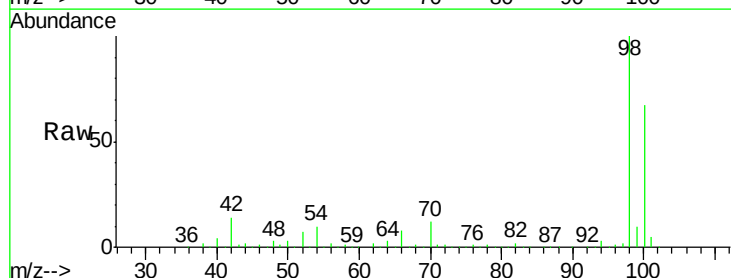
Acq: 25 Jun 2020 14:31

Tgt Ion: 43 Resp: 1657

Ion Ratio Lower Upper

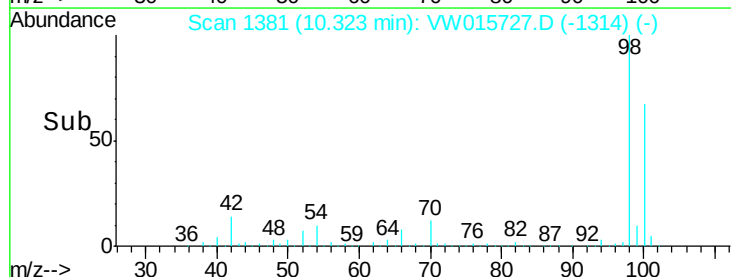
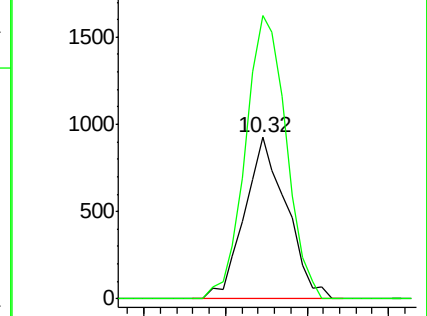
43 100

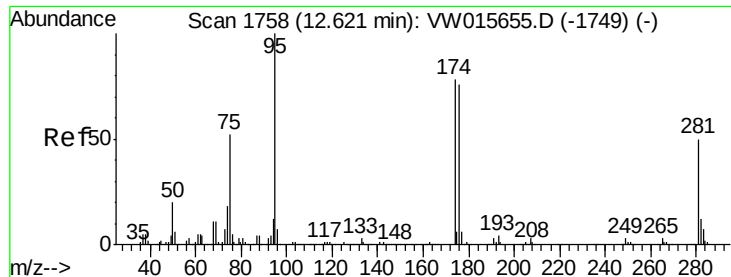
58 169.9 31.2 46.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

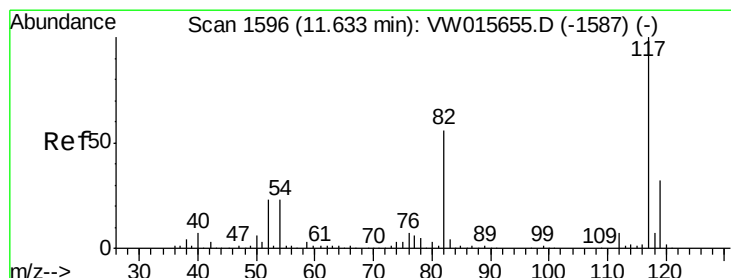
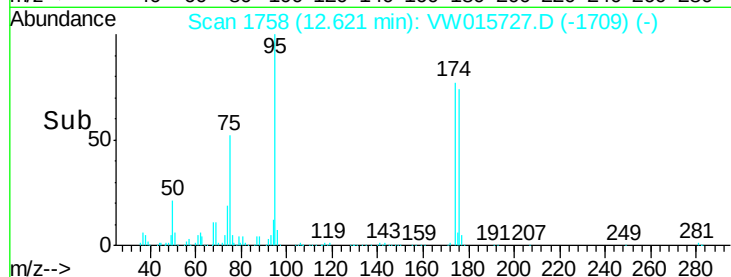
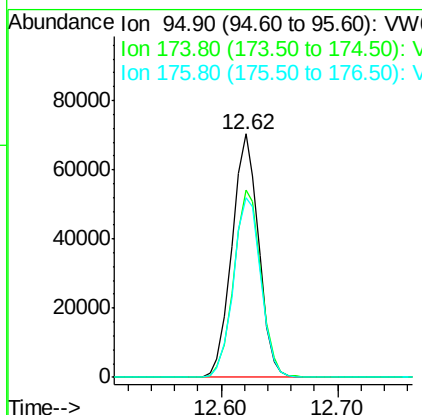
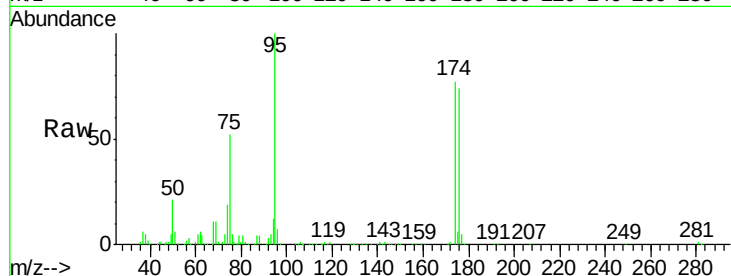




#62
4-Bromofluorobenzene
Concen: 46.535 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015727.D
Acq: 25 Jun 2020 14:31

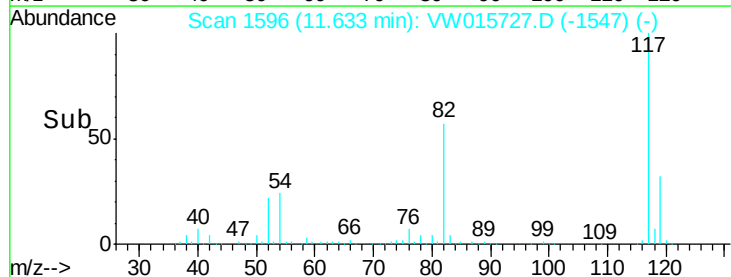
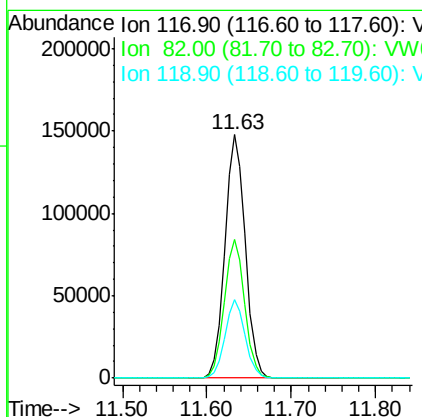
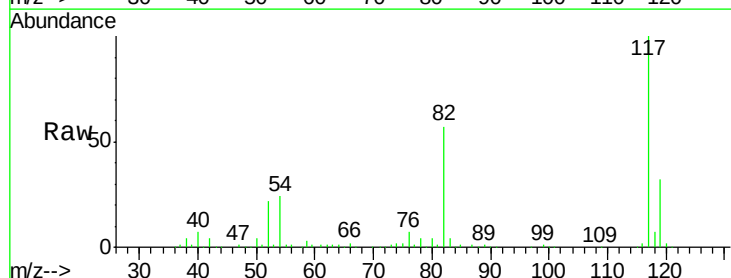
Instrument :
MSVOA_W
ClientSampleId :
TP-4

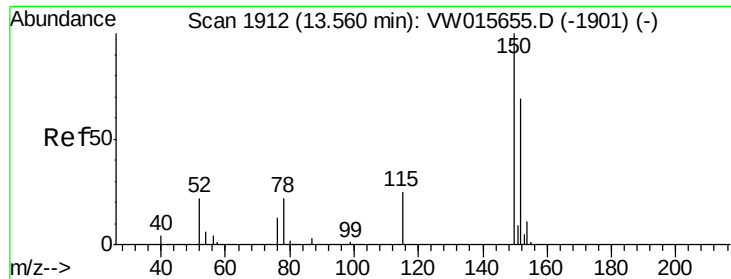
Tot Ion: 95 Resp: 112195
Ion Ratio Lower Upper
95 100
174 78.5 0.0 157.0
176 75.9 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015727.D
Acq: 25 Jun 2020 14:31

Tgt Ion: 117 Resp: 244937
Ion Ratio Lower Upper
117 100
82 56.8 45.1 67.7
119 32.1 25.8 38.8



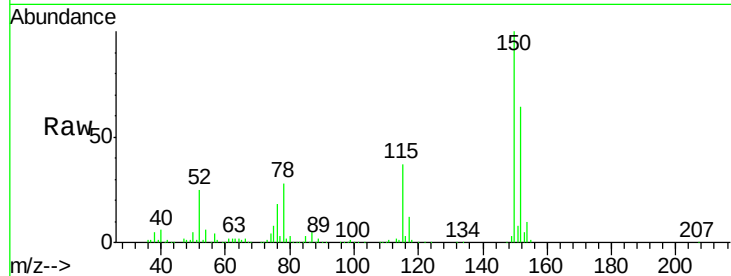


#72

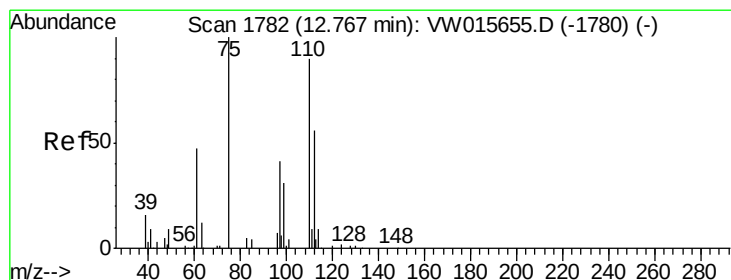
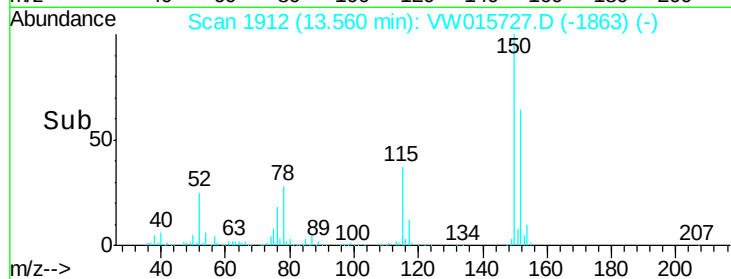
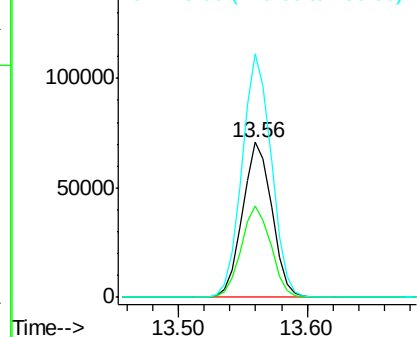
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015727.D
Acq: 25 Jun 2020 14:31

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Tot Ion:152 Resp: 111353
Ion Ratio Lower Upper
152 100
115 59.4 30.1 90.5
150 156.7 0.0 345.6



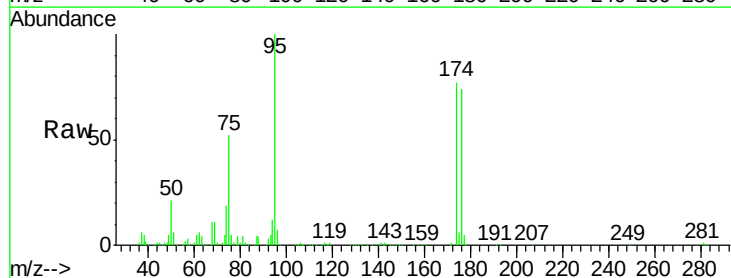
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



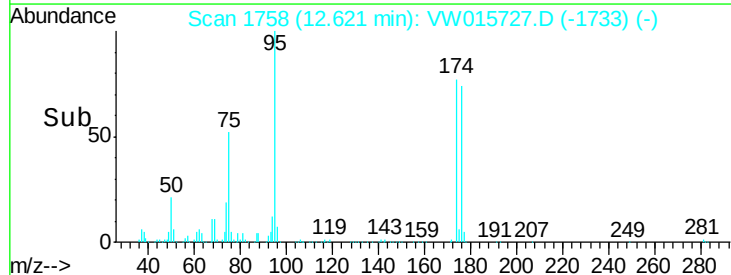
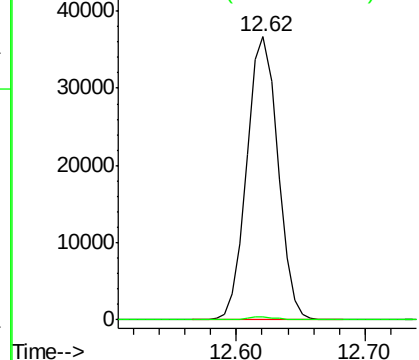
#76

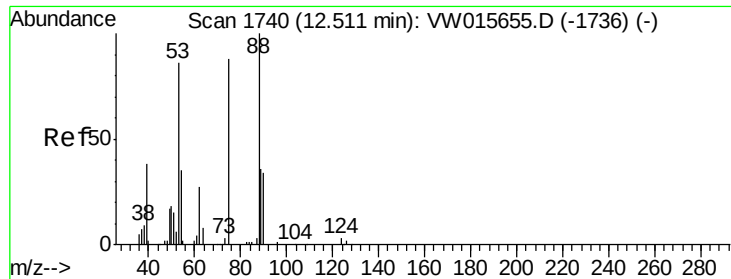
1,2,3-Trichloropropane
Concen: 60.032 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW015727.D
Acq: 25 Jun 2020 14:31

Tgt Ion: 75 Resp: 60975
Ion Ratio Lower Upper
75 100
77 1.0 179.1 537.1#



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: 151.283 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015727.D

Acq: 25 Jun 2020 14:31

Instrument :

MSVOA_W

ClientSampleId :

TP-4

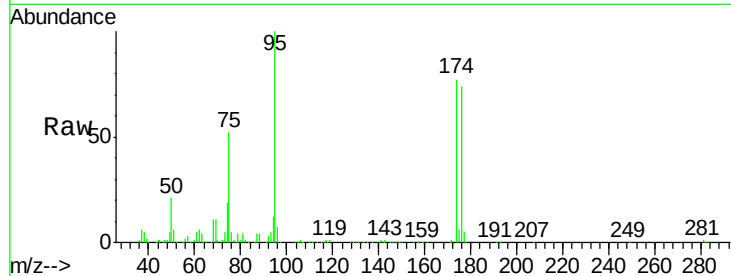
Tot Ion: 75 Resp: 60975

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

