

Data File : VW015712.D
Acq On : 25 Jun 2020 05:01
Operator : SY/VA
Sample : L3111-02
Misc : 6.63G/5ML/MSVOA_W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-6-S2

Quant Time: Jun 25 05:32:07 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	184104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324686	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129618	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	112804	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
35) Dibromofluoromethane	7.88	113	97833	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	10.32	98	413975	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.62	95	135209	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.17	59	260	Below Cal	#	94
16) Acetone	4.13	43	6454	16.574	ug/l	96
18) Methyl Acetate	4.67	43	7613	5.308	ug/l	98
20) Methylene Chloride	4.92	84	5813	Below Cal	#	85
31) Cyclohexane	7.95	56	4816	1.365	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	15090	4.468	ug/l #	51
38) Carbon Tetrachloride	7.95	117	18858	5.761	ug/l #	18
51) 4-Methyl-2-Pentanone	10.32	43	2083	1.679	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	73196	61.909	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	73196	156.013	ug/l #	8

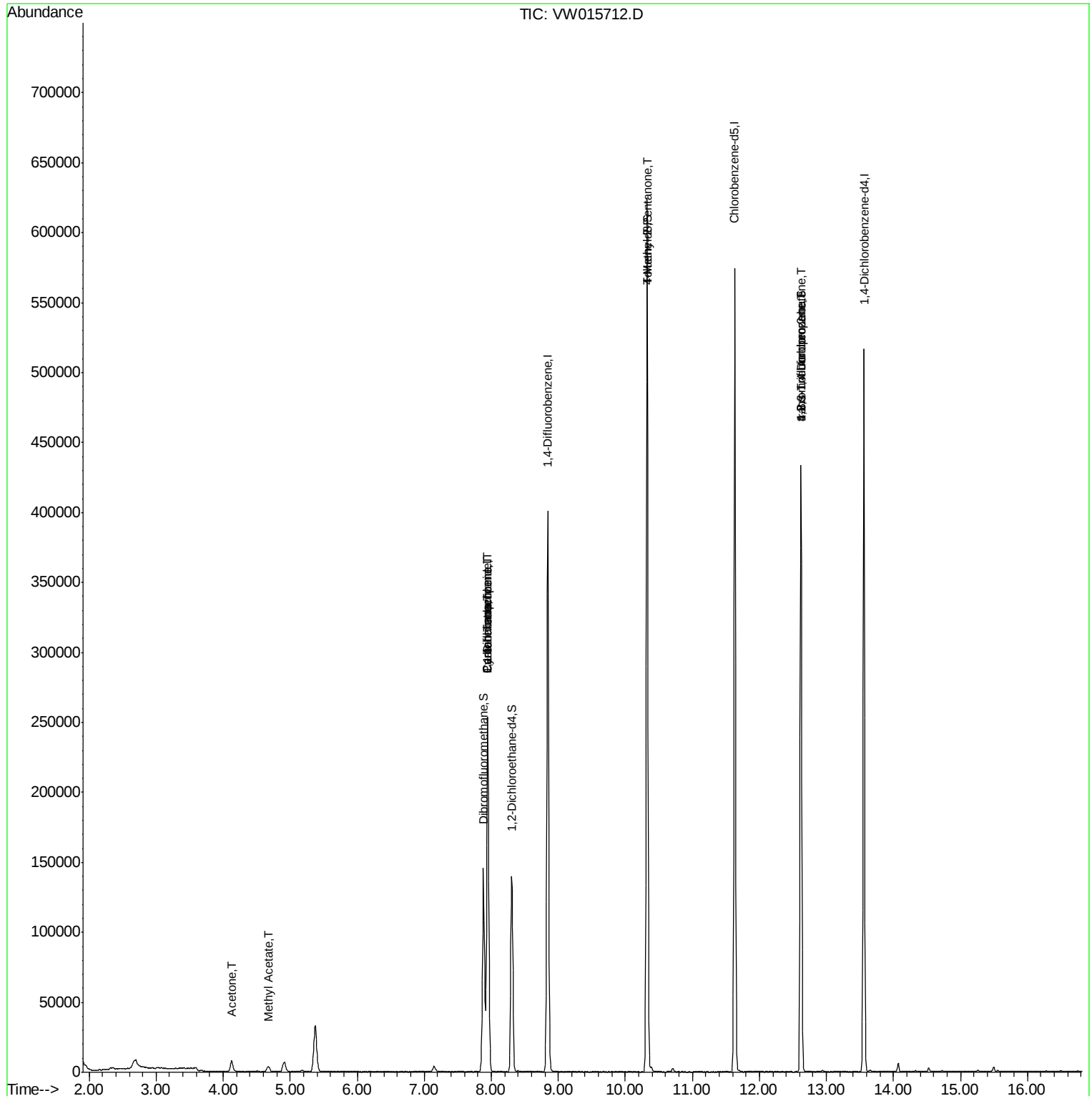
(#) = qualifier out of range (m) = manual integration (+) = signals summed

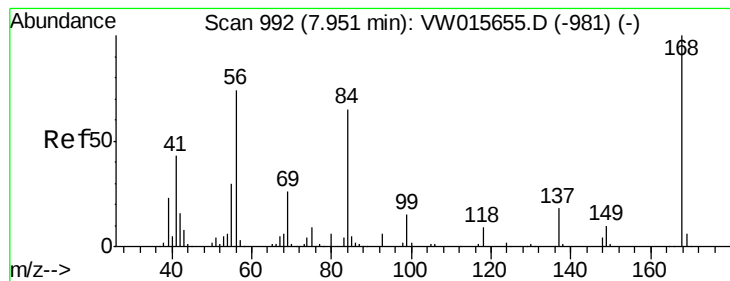
Data File : VW015712.D

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Operator    : SY/VA
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ALS Vial    : 45   Sample Multiplier: 1
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Instrument :
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TP-6-S2

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015712.D

Acq: 25 Jun 2020 05:01

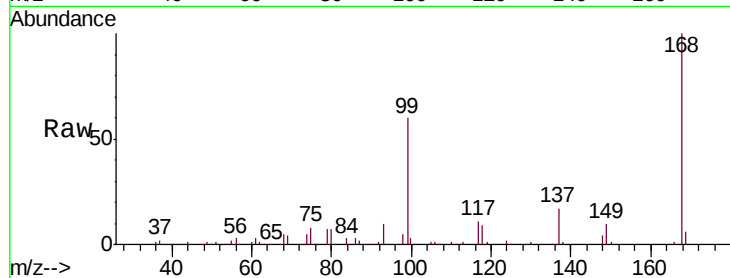
Instrument :
MSVOA_W
ClientSampleId :
TP-6-S2

Tgt Ion: 168 Resp: 184104

Ion Ratio Lower Upper

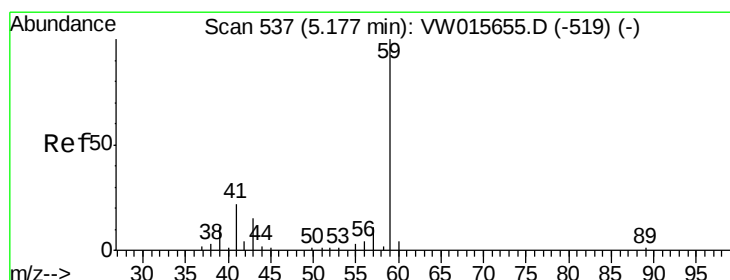
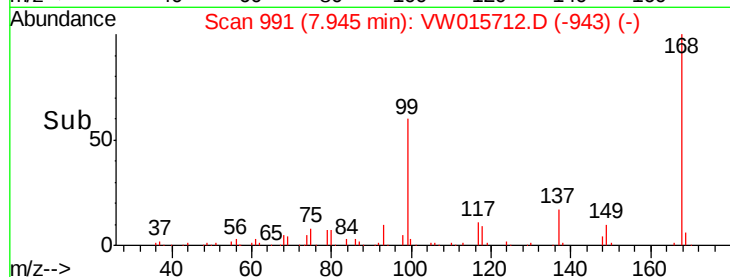
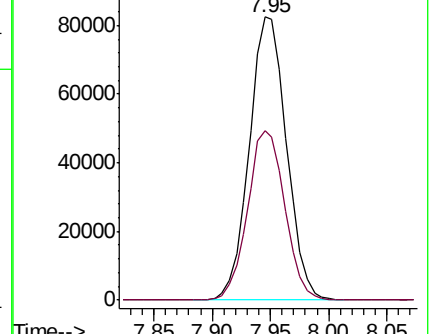
168 100

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



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. -0.01 min

Lab File: VW015712.D

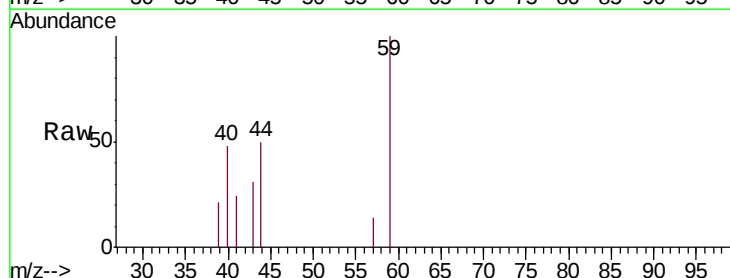
Acq: 25 Jun 2020 05:01

Tgt Ion: 59 Resp: 260

Ion Ratio Lower Upper

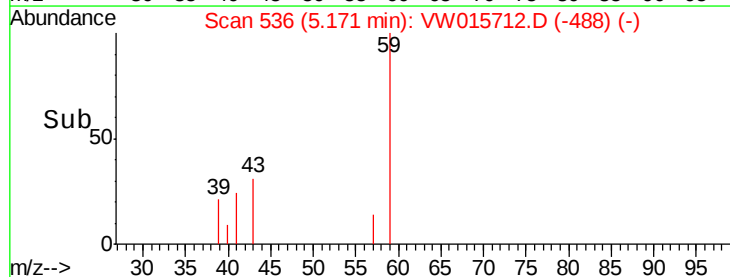
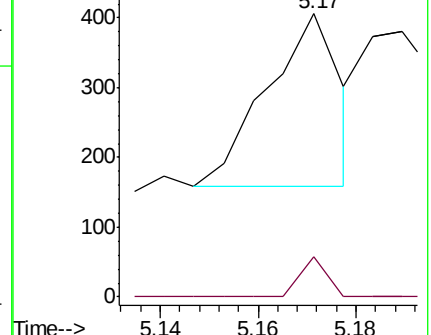
59 100

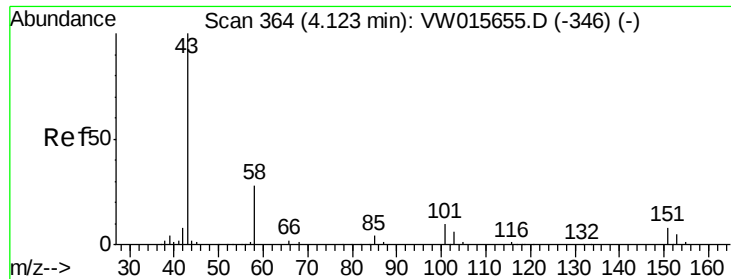
57 8.1 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 16.574 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015712.D

Acq: 25 Jun 2020 05:01

Instrument :

MSVOA_W

ClientSampleId :

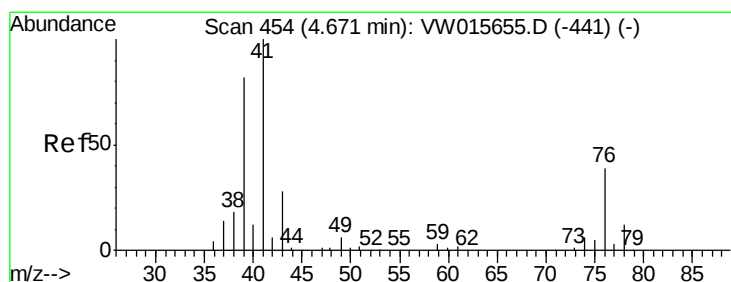
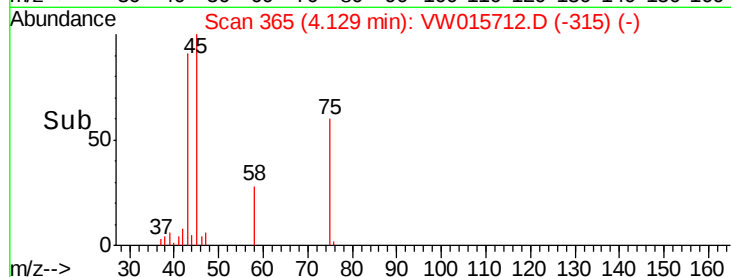
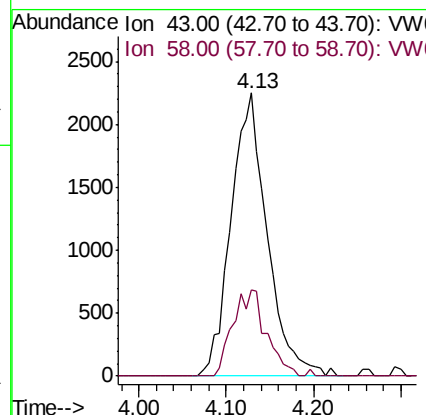
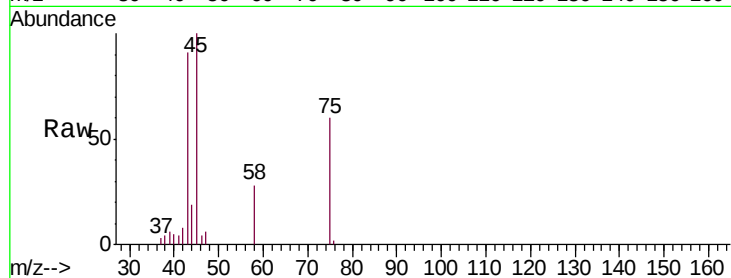
TP-6-S2

Tgt Ion: 43 Resp: 6454

Ion Ratio Lower Upper

43 100

58 30.6 22.6 33.8



#18

Methyl Acetate

Concen: 5.308 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015712.D

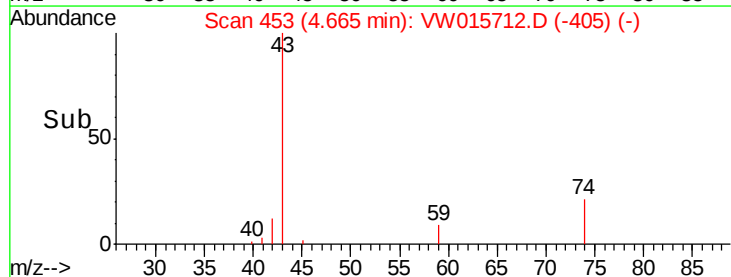
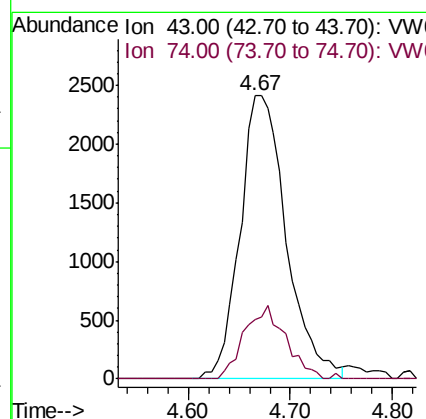
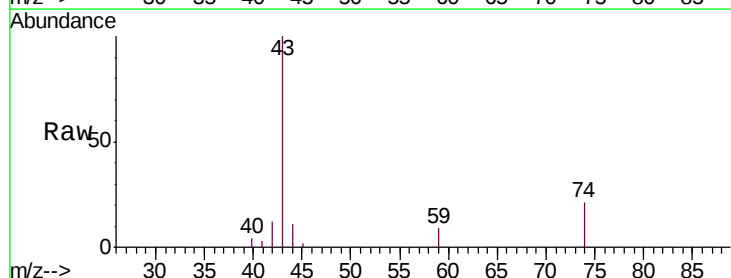
Acq: 25 Jun 2020 05:01

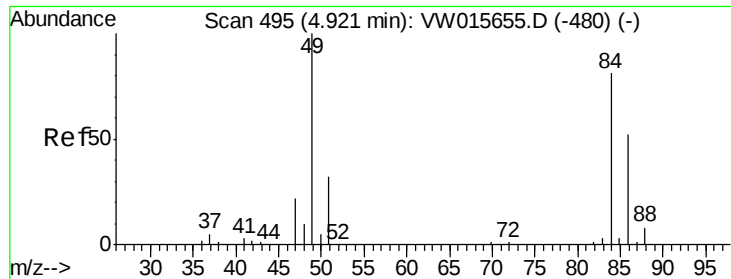
Tgt Ion: 43 Resp: 7613

Ion Ratio Lower Upper

43 100

74 22.9 19.0 28.6

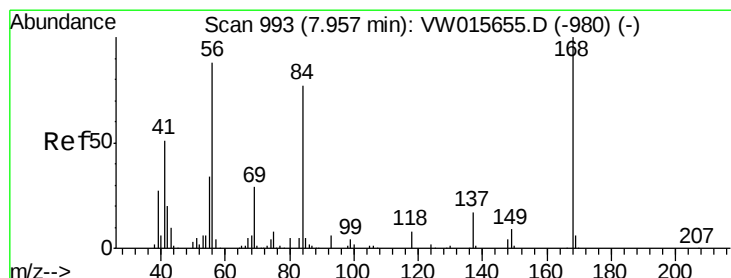
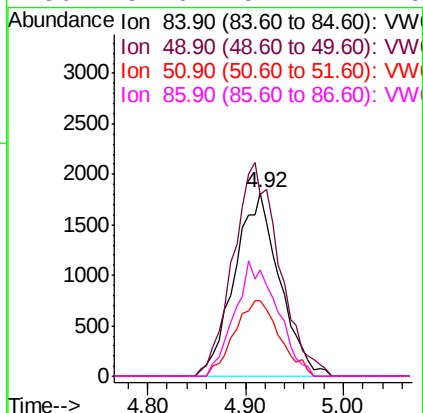
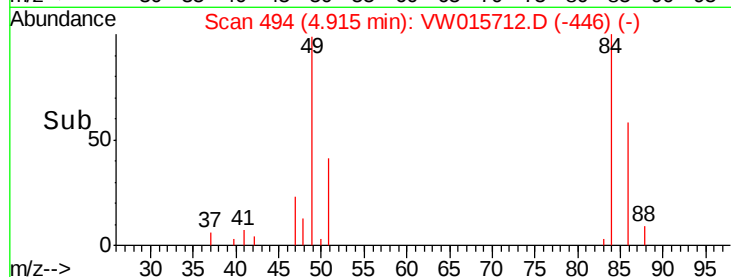
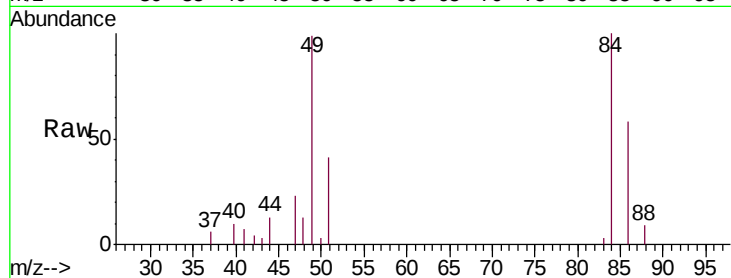




#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW015712.D
Acq: 25 Jun 2020 05:01

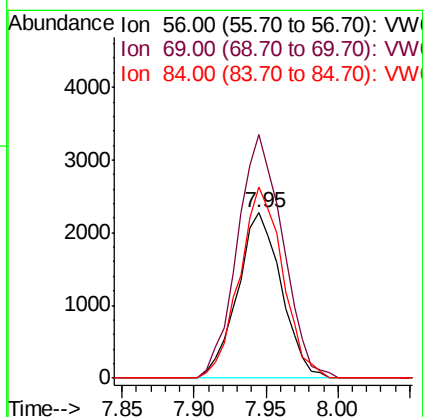
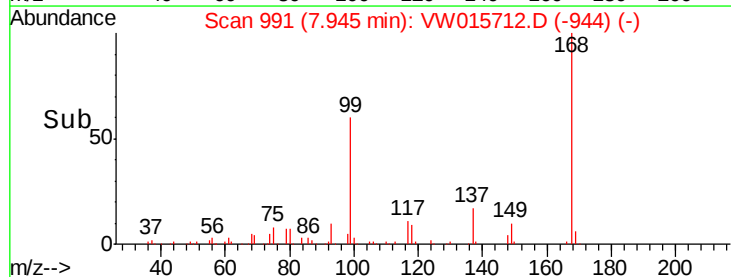
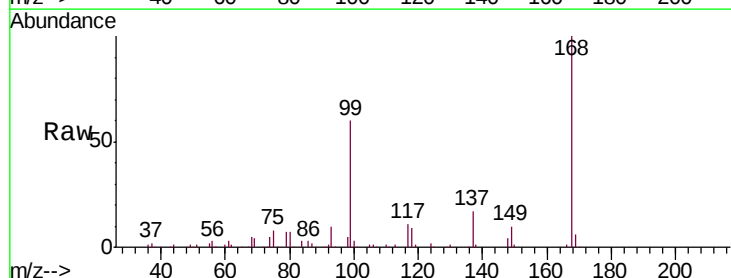
Instrument :
MSVOA_W
ClientSampleId :
TP-6-S2

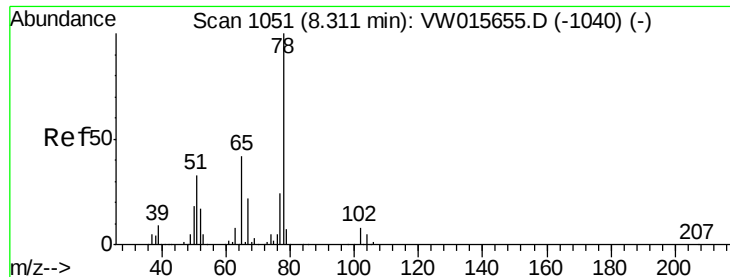
Tgt Ion: 84 Resp: 5813
Ion Ratio Lower Upper
84 100
49 98.9 99.3 148.9#
51 41.4 31.8 47.6
86 57.6 51.7 77.5



#31
Cyclohexane
Concen: 1.365 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015712.D
Acq: 25 Jun 2020 05:01

Tgt Ion: 56 Resp: 4816
Ion Ratio Lower Upper
56 100
69 147.6 26.2 39.4#
84 115.9 70.4 105.6#

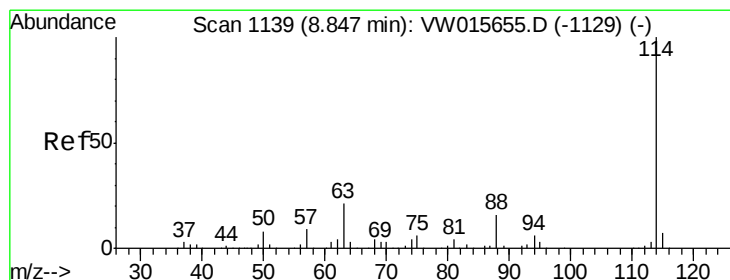
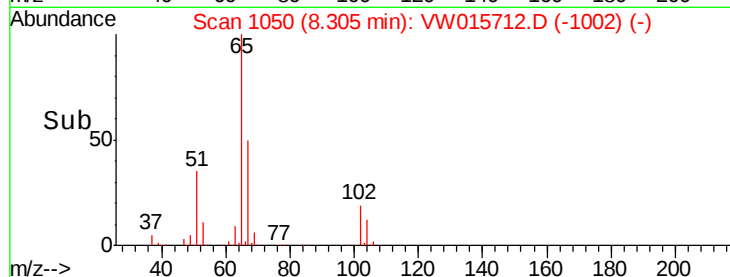
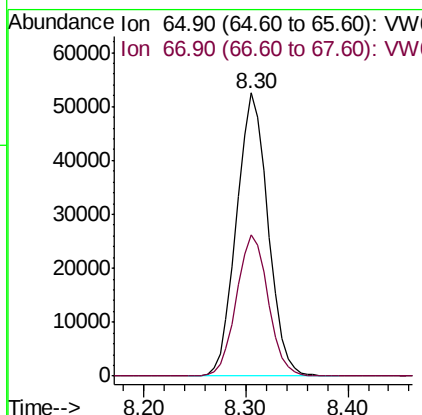
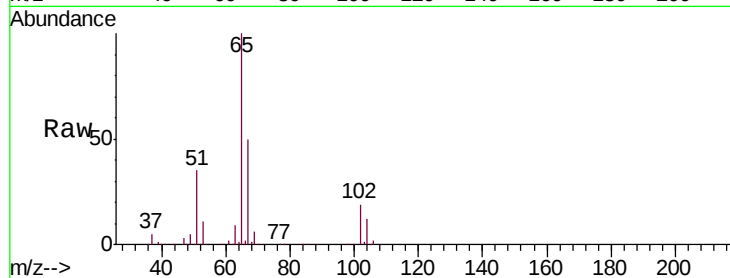




#33
 1,2-Dichloroethane-d4
 Concen: 55.069 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW015712.D
 Acq: 25 Jun 2020 05:01

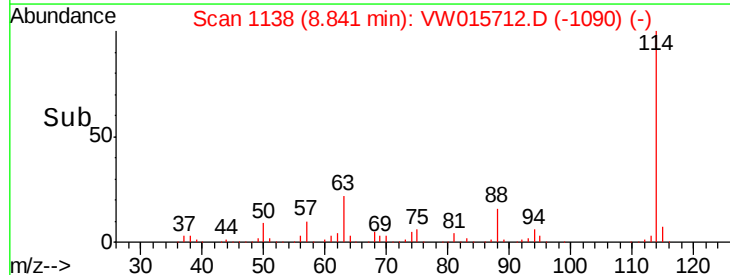
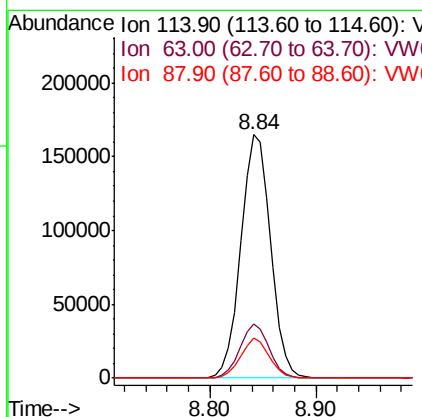
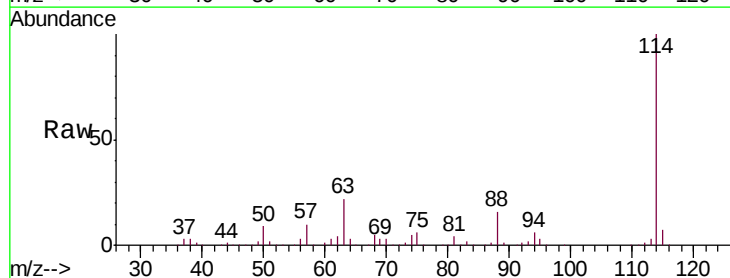
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6-S2

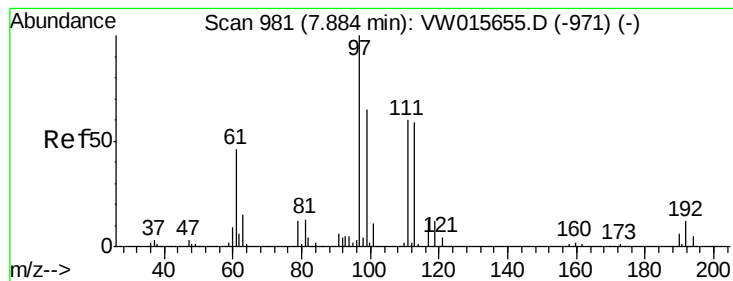
Tgt Ion: 65 Resp: 112804
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW015712.D
 Acq: 25 Jun 2020 05:01

Tgt Ion: 114 Resp: 324686
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.4
 88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.902 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015712.D

Acq: 25 Jun 2020 05:01

Instrument :

MSVOA_W

ClientSampleId :

TP-6-S2

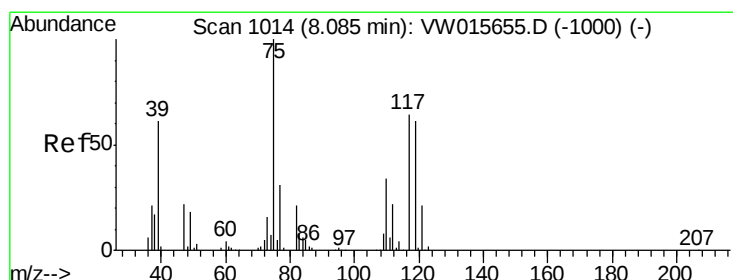
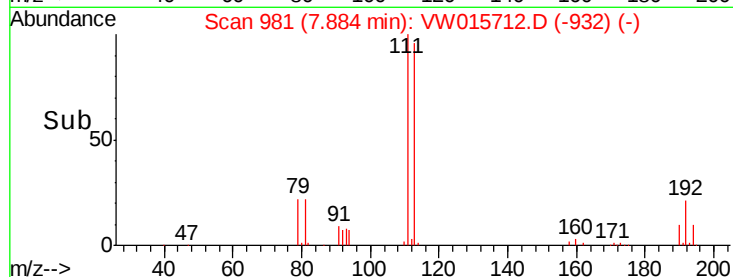
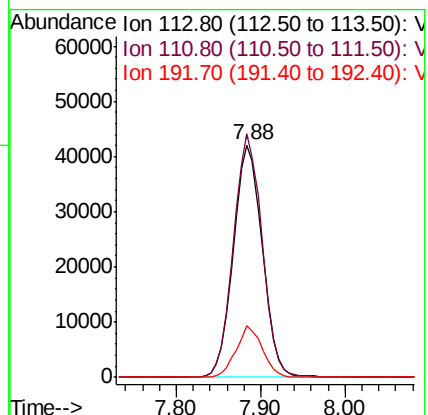
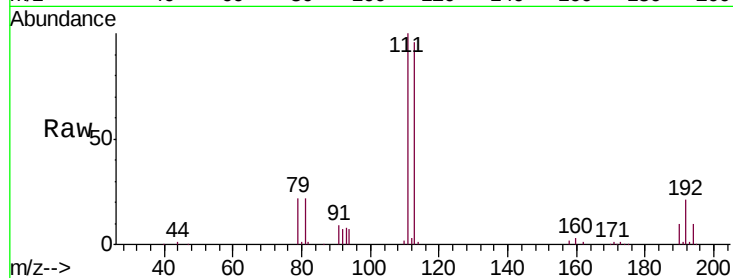
Tgt Ion:113 Resp: 97833

Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 20.0 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.468 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW015712.D

Acq: 25 Jun 2020 05:01

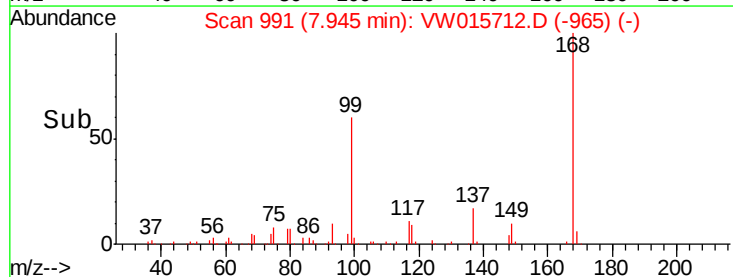
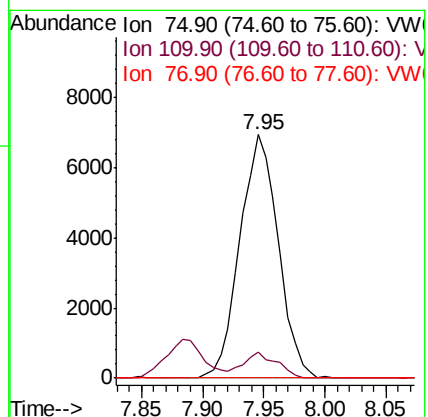
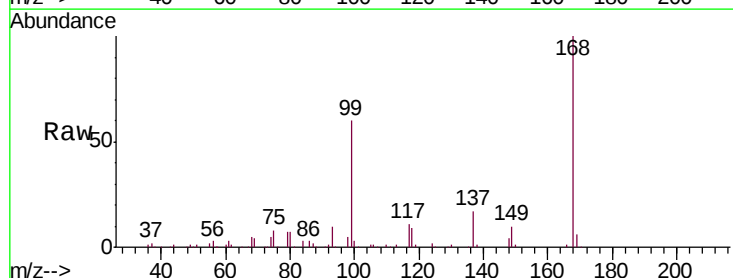
Tgt Ion: 75 Resp: 15090

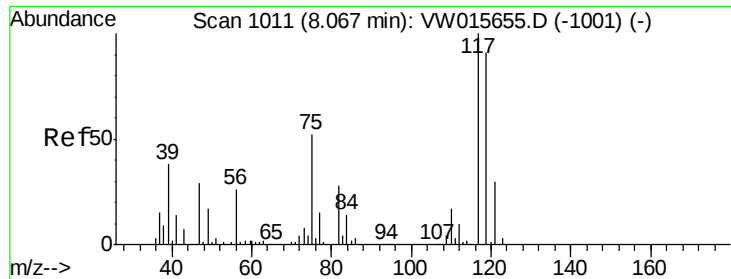
Ion Ratio Lower Upper

75 100

110 9.1 17.0 51.0#

77 0.0 24.6 36.8#

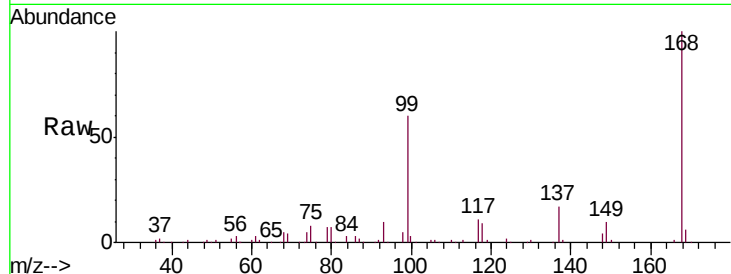




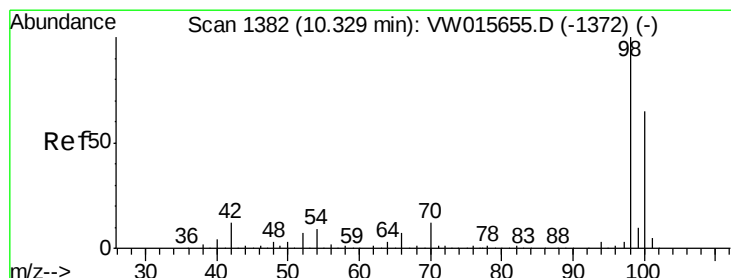
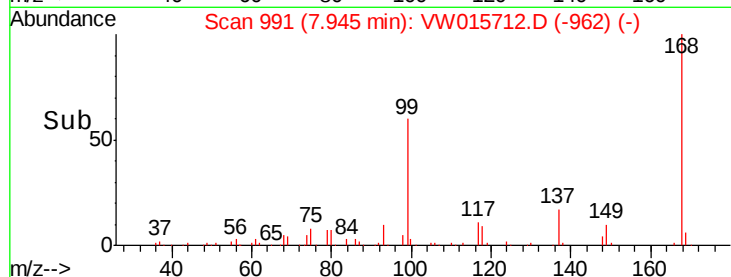
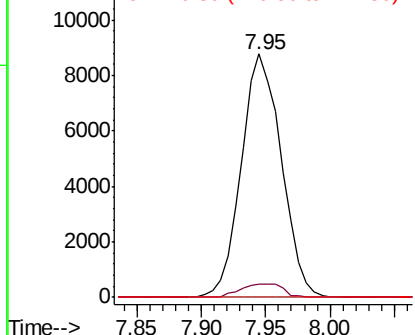
#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW015712.D
Acq: 25 Jun 2020 05:01

Instrument :
MSVOA_W
ClientSampleId :
TP-6-S2

Tgt Ion: 117 Resp: 18858
Ion Ratio Lower Upper
117 100
119 5.3 73.2 109.8#
121 0.0 23.9 35.9#

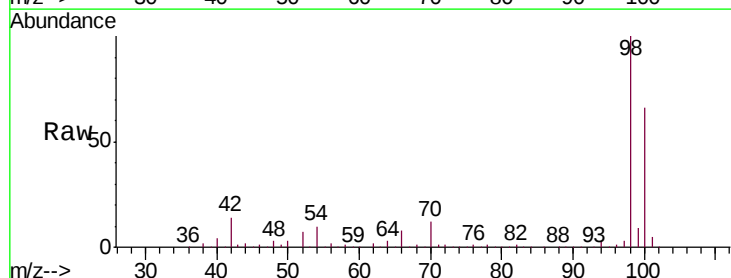


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

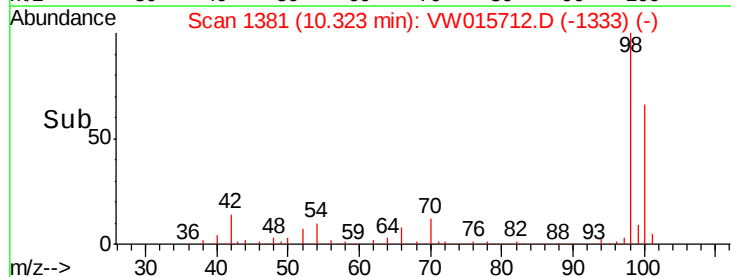
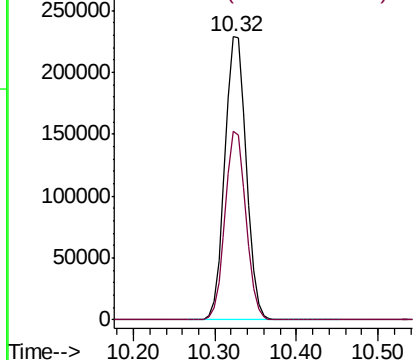


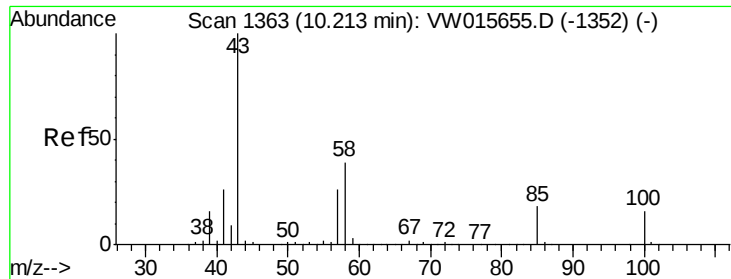
#50
Toluene-d8
Concen: 51.505 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015712.D
Acq: 25 Jun 2020 05:01

Tgt Ion: 98 Resp: 413975
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

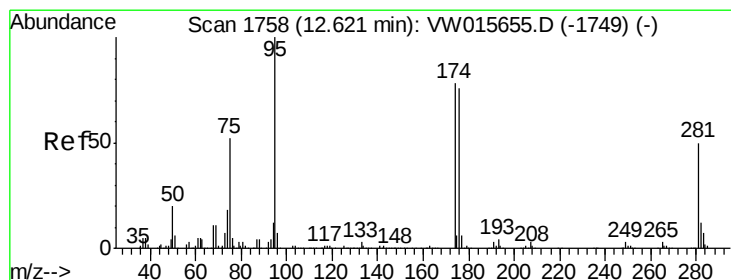
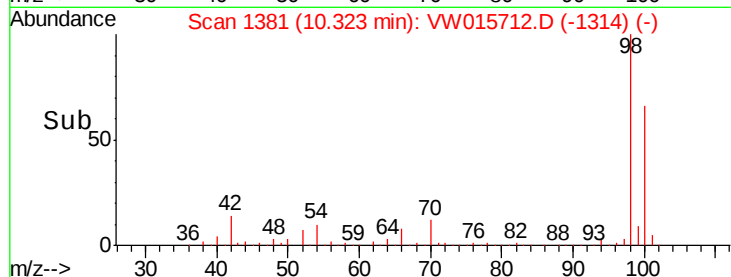
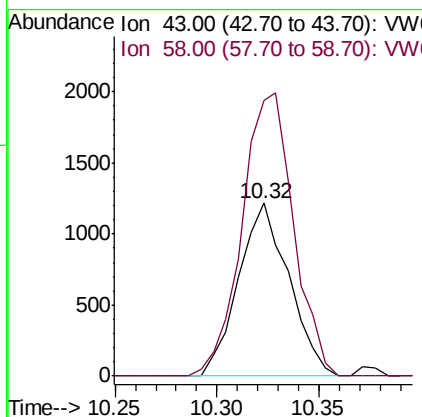
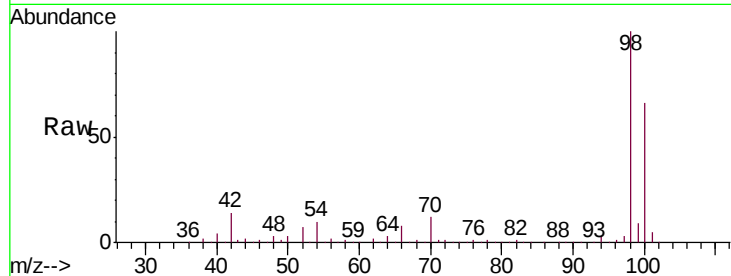




#51
 4-Methyl-2-Pentanone
 Concen: 1.679 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.11 min
 Lab File: VW015712.D
 Acq: 25 Jun 2020 05:01

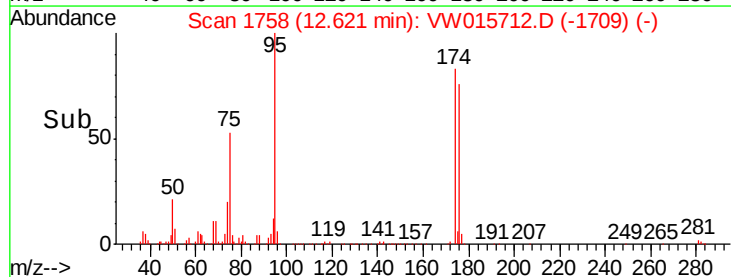
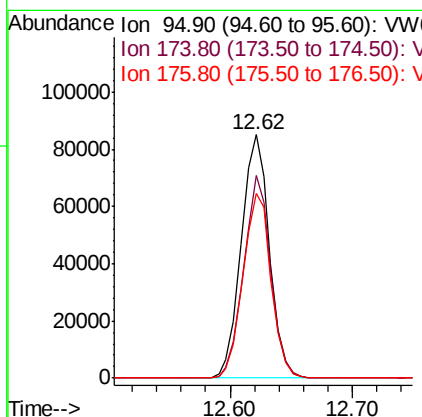
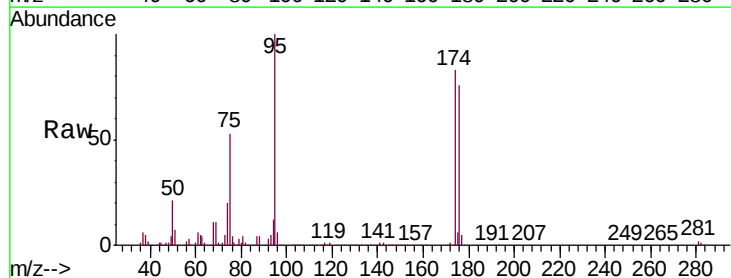
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6-S2

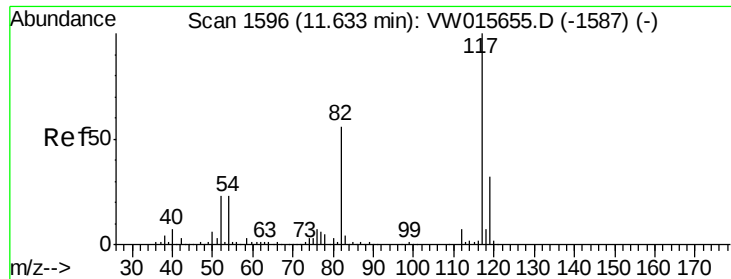
Tgt Ion: 43 Resp: 2083
 Ion Ratio Lower Upper
 43 100
 58 167.9 31.2 46.8#



#62
 4-Bromofluorobenzene
 Concen: 45.678 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015712.D
 Acq: 25 Jun 2020 05:01

Tgt Ion: 95 Resp: 135209
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 157.0
 176 75.9 0.0 151.4

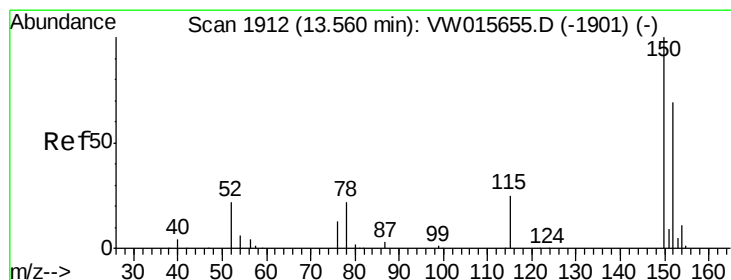
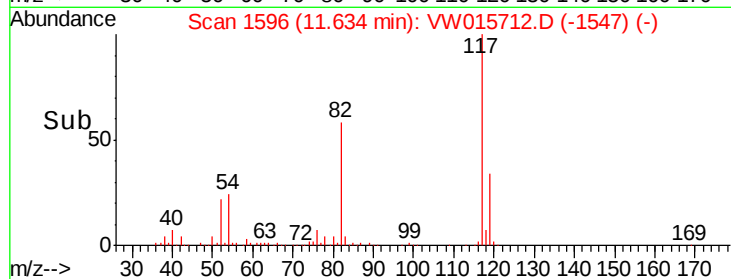
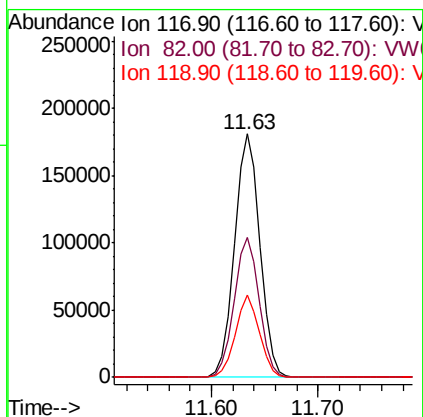
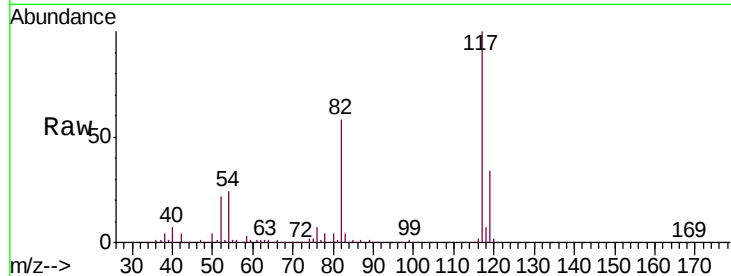




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015712.D
Acq: 25 Jun 2020 05:01

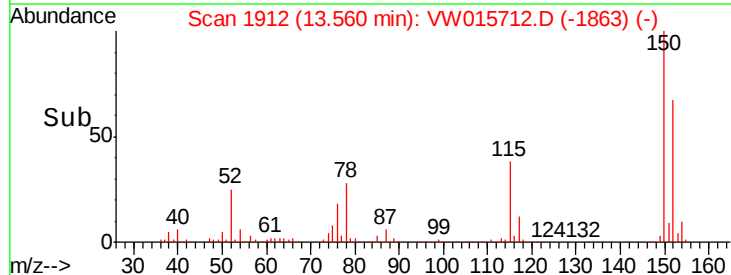
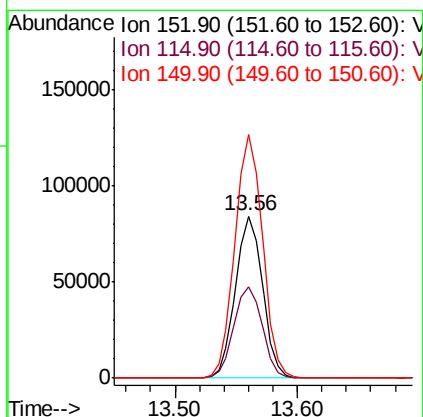
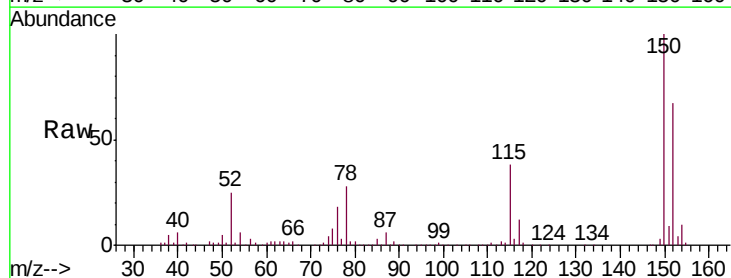
Instrument :
MSVOA_W
ClientSampleId :
TP-6-S2

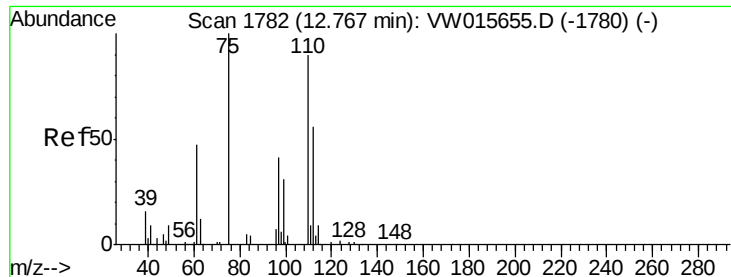
Tgt Ion:117 Resp: 301638
Ion Ratio Lower Upper
117 100
82 57.7 45.1 67.7
119 33.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015712.D
Acq: 25 Jun 2020 05:01

Tgt Ion:152 Resp: 129618
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.5
150 153.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 61.909 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW015712.D

Acq: 25 Jun 2020 05:01

Instrument :

MSVOA_W

ClientSampled :

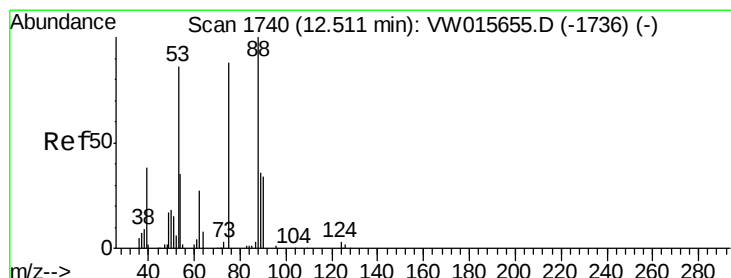
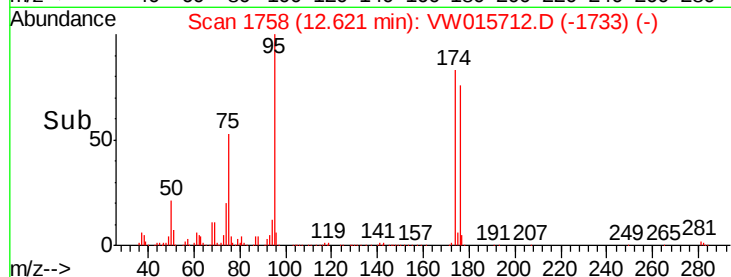
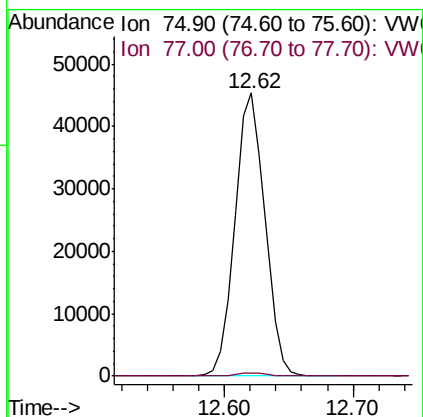
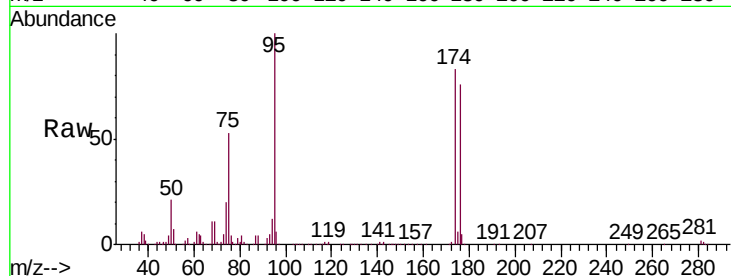
TP-6-S2

Tgt Ion: 75 Resp: 73196

Ion Ratio Lower Upper

75 100

77 1.2 179.1 537.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 156.013 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW015712.D

Acq: 25 Jun 2020 05:01

Tgt Ion: 75 Resp: 73196

Ion Ratio Lower Upper

75 100

53 0.0 83.8 125.8#

89 0.0 36.6 55.0#

