

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015292.D
 Acq On : 22 Apr 2020 04:50
 Operator : SY/VA
 Sample : L2342-15
 Misc : 6.56G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 22 06:09:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

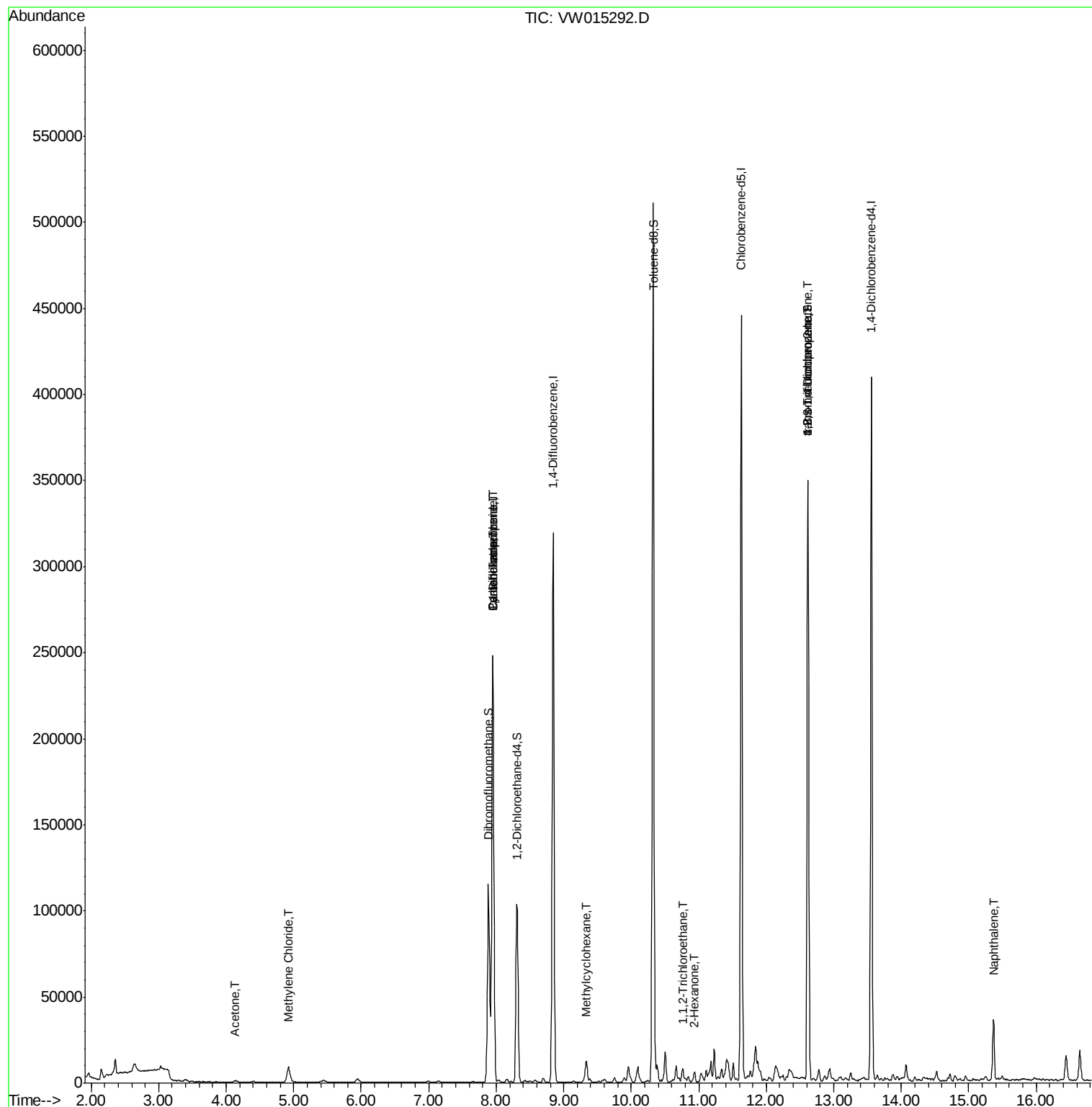
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	205910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	286107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	260477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115555	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	83780	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	7.89	113	81277	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
50) Toluene-d8	10.32	98	336033	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	112834	44.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.72%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1701	5.784	ug/l	99
20) Methylene Chloride	4.93	84	7078	3.672	ug/l	85
31) Cyclohexane	7.95	56	4551	1.462	ug/l #	13
36) 1,1-Dichloropropene	7.95	75	12792	4.954	ug/l #	50
38) Carbon Tetrachloride	7.95	117	18314	6.490	ug/l #	19
39) Methylcyclohexane	9.34	83	5370	1.562	ug/l	95
55) 1,1,2-Trichloroethane	10.76	97	3291	2.533	ug/l #	21
59) 2-Hexanone	10.94	43	2386	4.051	ug/l #	23
76) 1,2,3-Trichloropropane	12.62	75	56382	63.071	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56382	137.874	ug/l #	15
95) Naphthalene	15.36	128	31575	8.885	ug/l	99

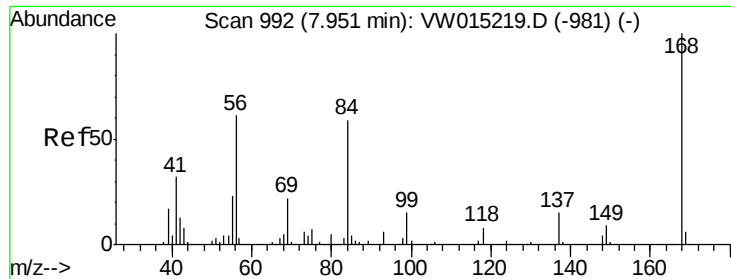
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW042120\
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Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 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: VW015292.D

Acq: 22 Apr 2020 04:50

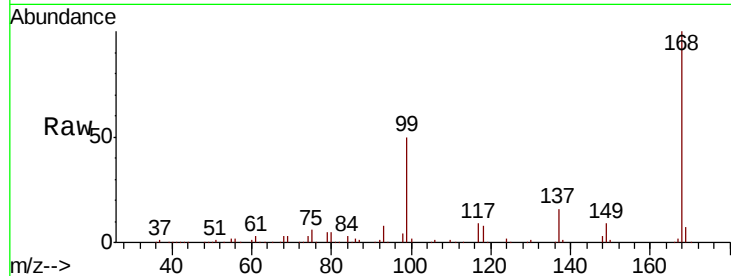
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 205910

Ion Ratio Lower Upper

168 100

99 49.5 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

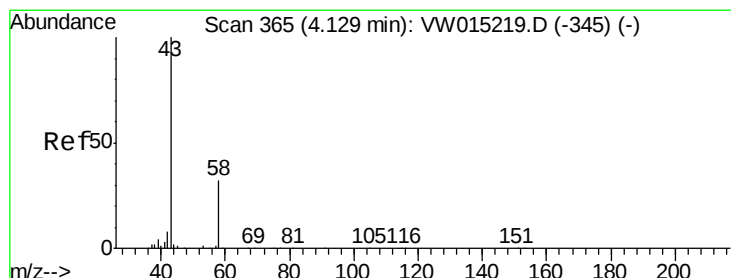
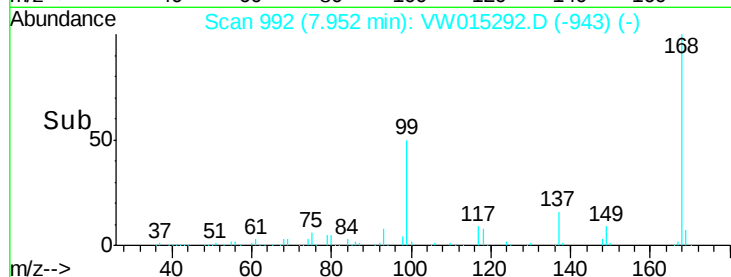
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 5.784 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015292.D

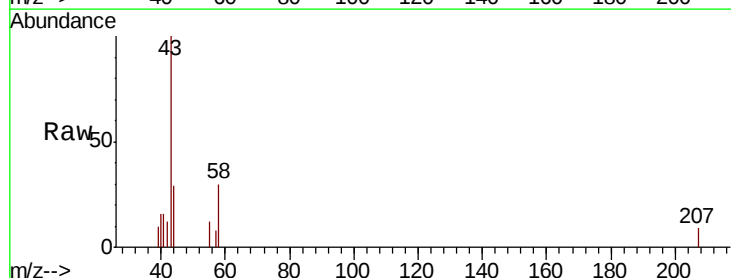
Acq: 22 Apr 2020 04:50

Tgt Ion: 43 Resp: 1701

Ion Ratio Lower Upper

43 100

58 34.5 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

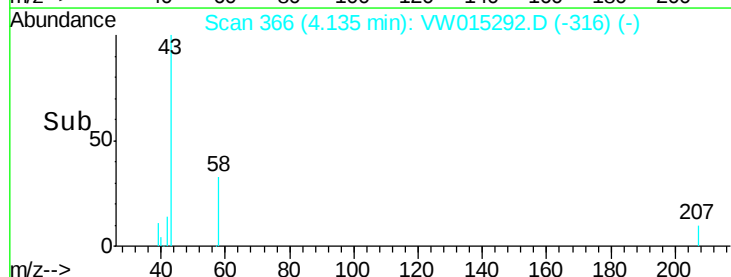
600

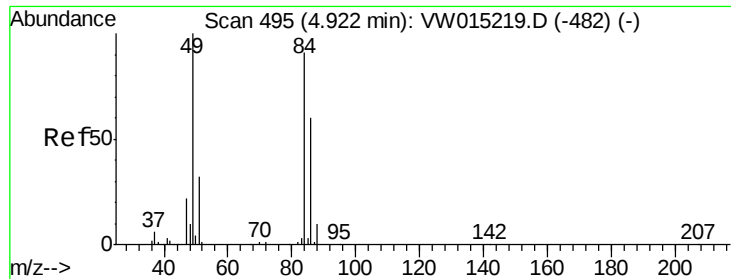
400

200

0

Time--> 4.05 4.10 4.15 4.20 4.25

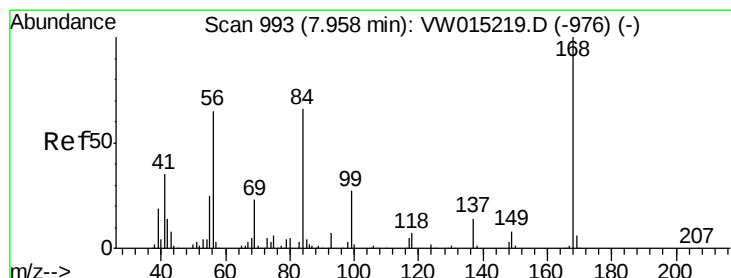
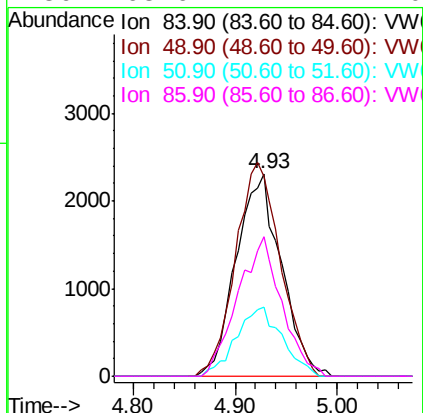
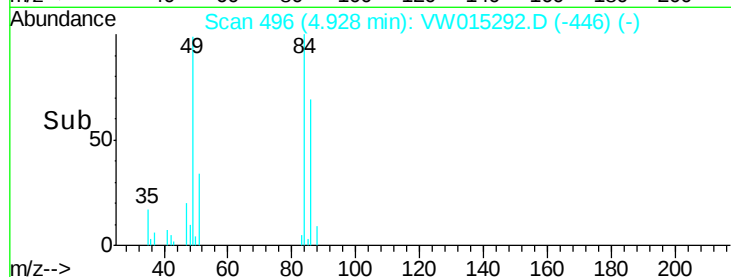
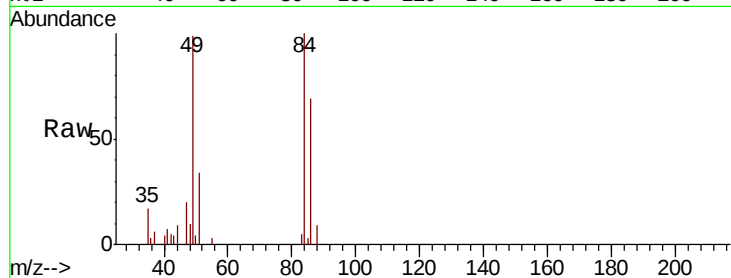




#20
Methvlene Chloride
Concen: 3.672 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015292.D
Acq: 22 Apr 2020 04:50

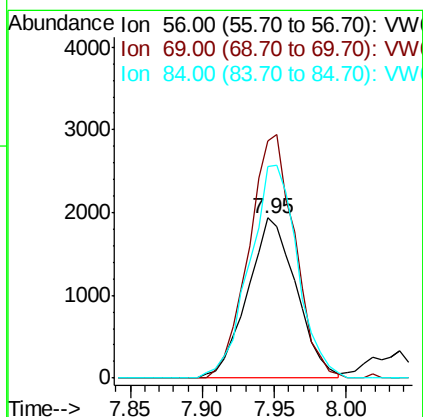
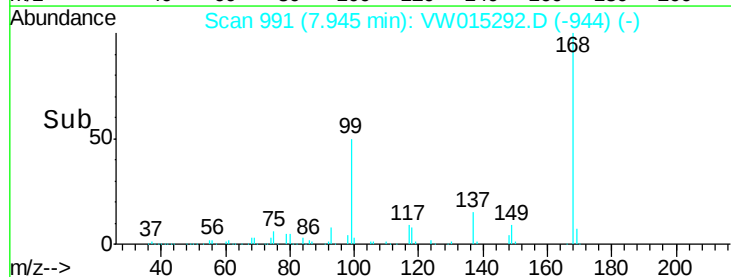
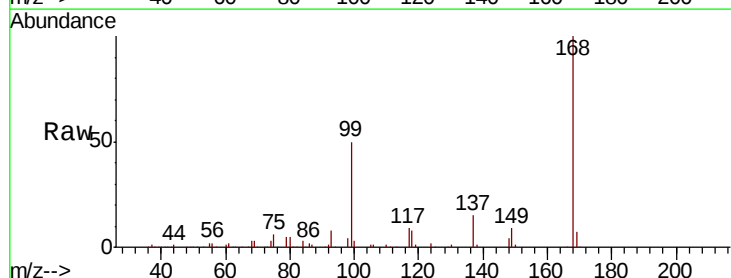
Instrument :
MSVOA_W
ClientSampleId :

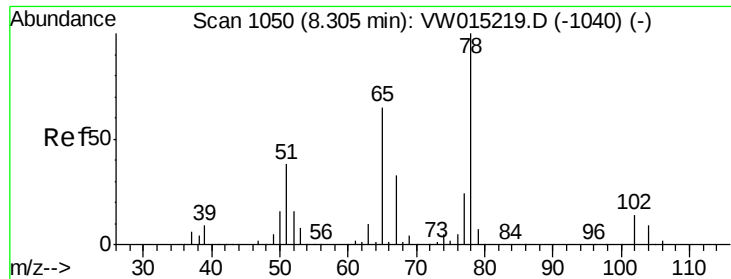
Tot Ion:	84	Resp:	7078
Ion	Ratio	Lower	Upper
84	100		
49	98.5	95.4	143.0
51	33.8	29.8	44.8
86	68.6	47.4	71.0



#31
Cyclohexane
Concen: 1.462 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015292.D
Acq: 22 Apr 2020 04:50

Tgt Ion:	56	Resp:	4551
Ion	Ratio	Lower	Upper
56	100		
69	147.8	27.1	40.7#
84	131.6	71.9	107.9#

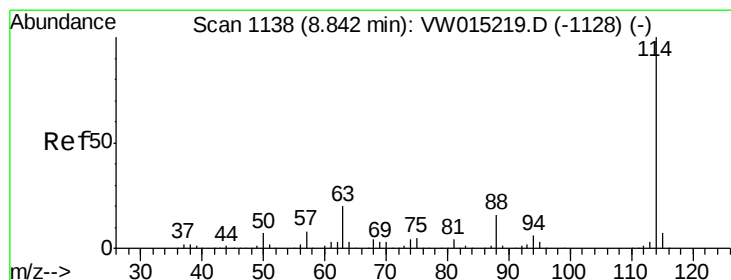
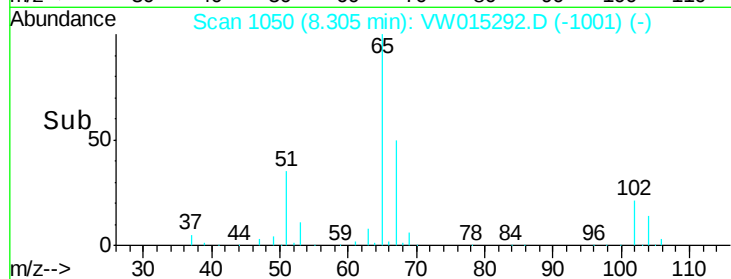
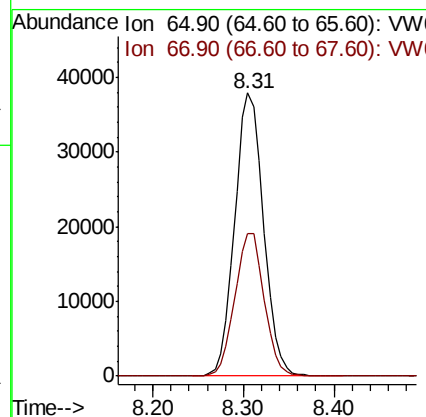
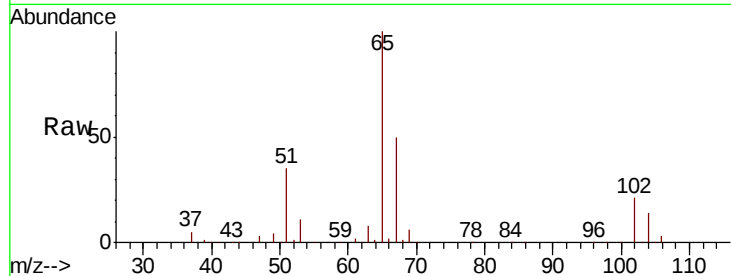




#33
 1,2-Dichloroethane-d4
 Concen: 49.756 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015292.D
 Acq: 22 Apr 2020 04:50

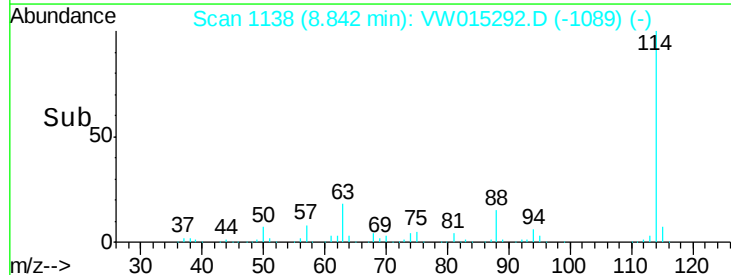
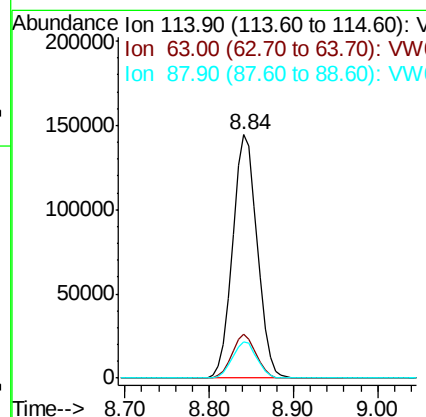
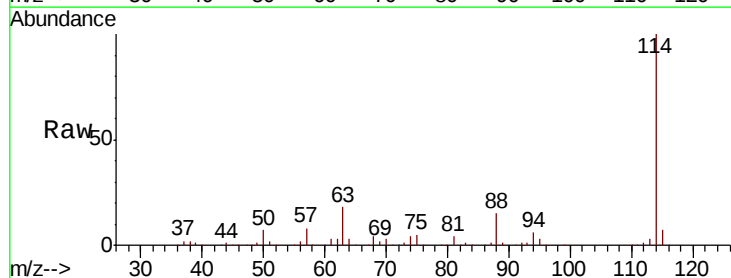
Instrument :
 MSVOA_W
 ClientSampleId :

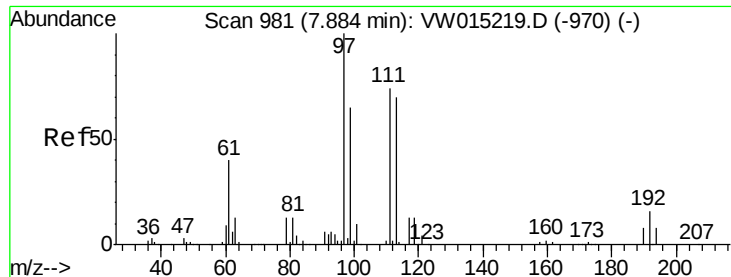
Tot Ion: 65 Resp: 83780
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015292.D
 Acq: 22 Apr 2020 04:50

Tgt Ion: 114 Resp: 286107
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 15.0 0.0 30.2

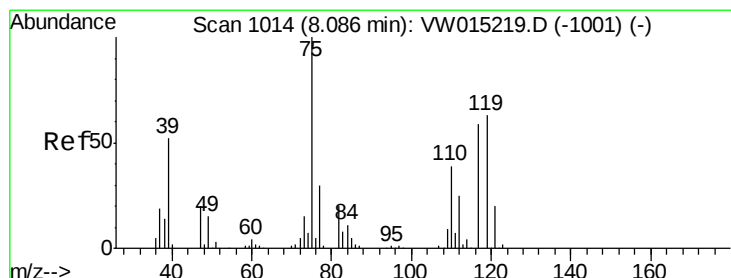
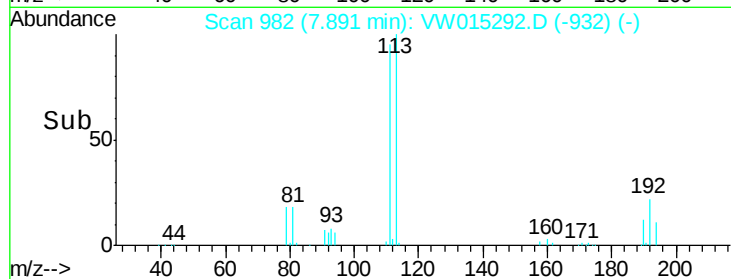
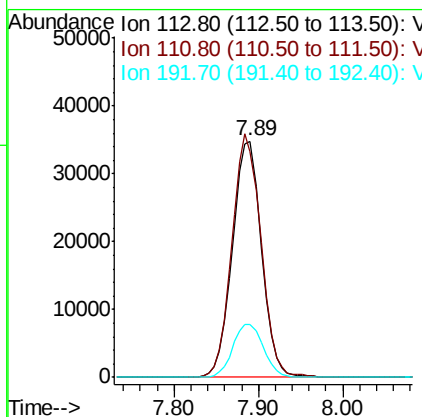
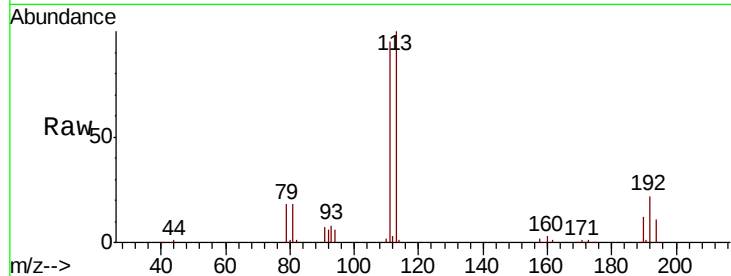




#35
 Dibromofluoromethane
 Concen: 51.285 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW015292.D
 Acq: 22 Apr 2020 04:50

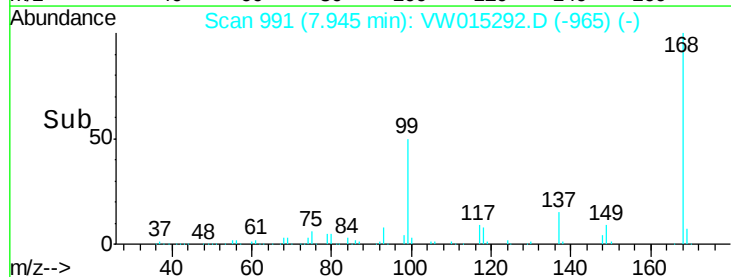
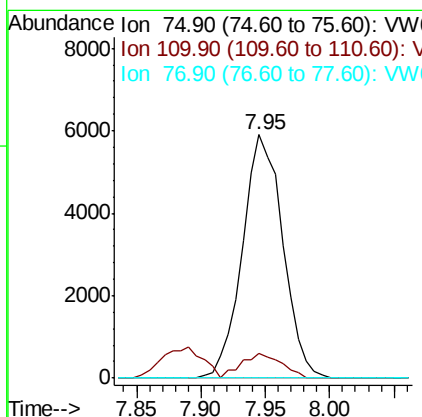
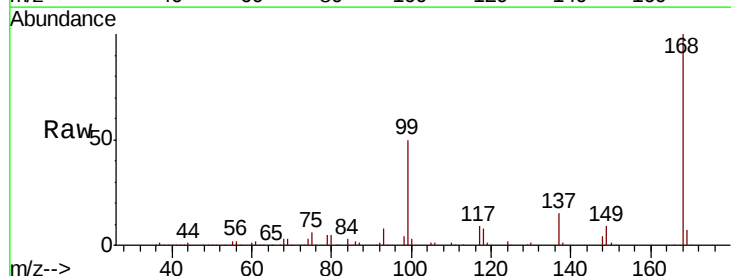
Instrument :
 MSVOA_W
 ClientSampleId :

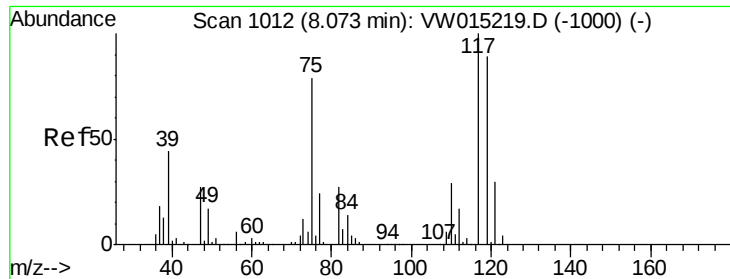
Tot Ion:113 Resp: 81277
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.4
 192 23.4 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 4.954 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW015292.D
 Acq: 22 Apr 2020 04:50

Tgt Ion: 75 Resp: 12792
 Ion Ratio Lower Upper
 75 100
 110 10.2 18.2 54.6#
 77 0.0 24.5 36.7#





#38

Carbon Tetrachloride

Concen: 6.490 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

Instrument :

MSVOA_W

ClientSampled :

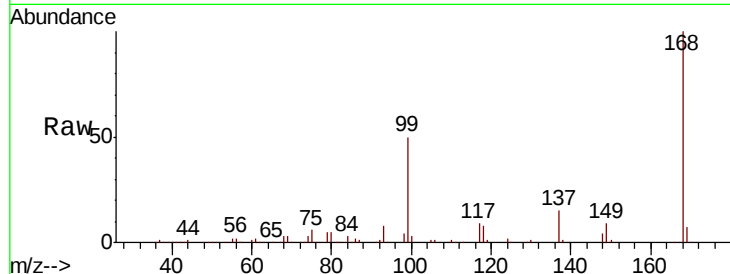
Tot Ion:117 Resp: 18314

Ion Ratio Lower Upper

117 100

119 6.0 72.3 108.5#

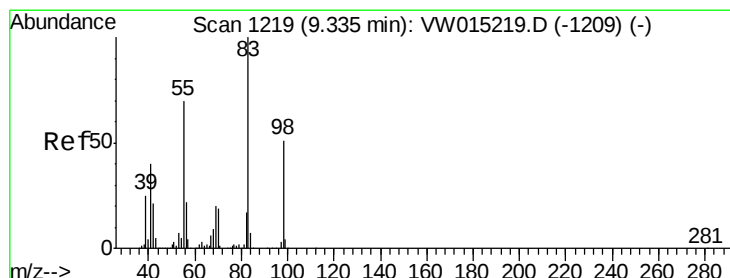
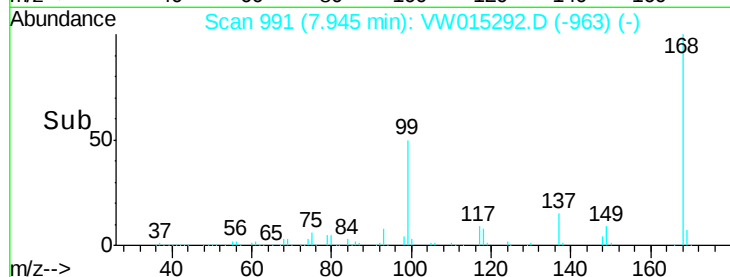
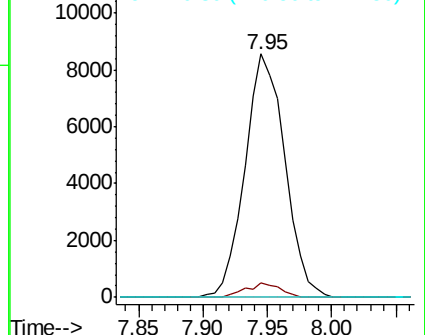
121 0.0 23.7 35.5#



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



#39

Methylcyclohexane

Concen: 1.562 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

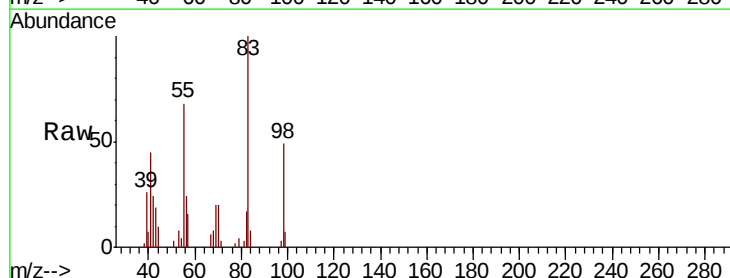
Tgt Ion: 83 Resp: 5370

Ion Ratio Lower Upper

83 100

55 67.5 58.1 87.1

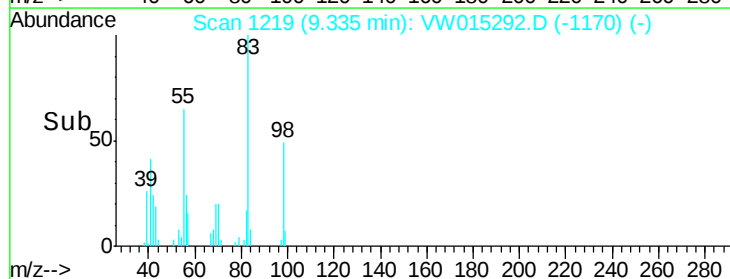
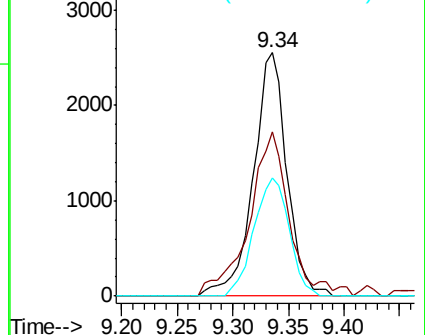
98 48.6 40.2 60.4

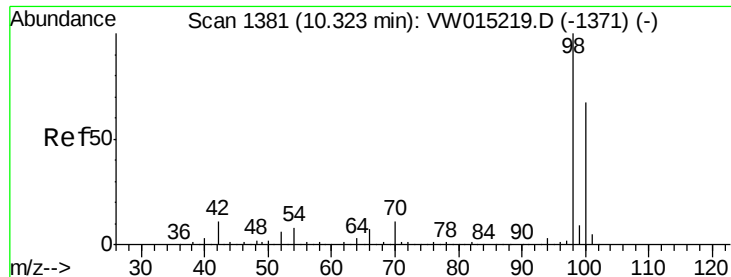


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 50.404 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

Instrument :

MSVOA_W

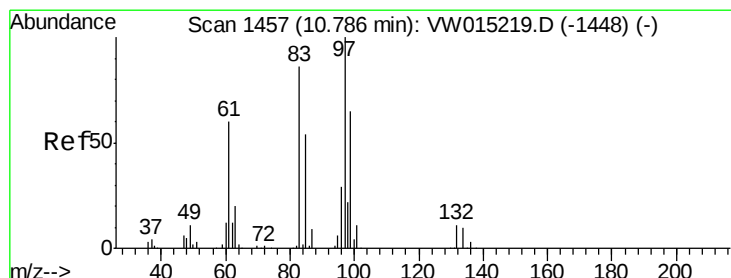
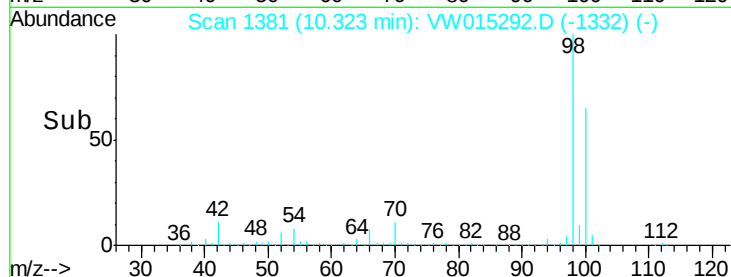
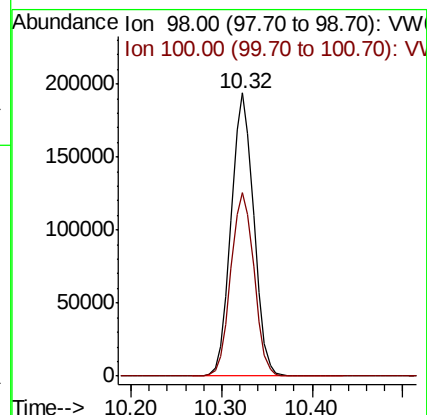
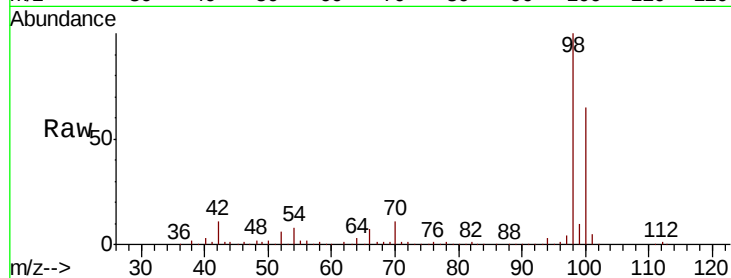
ClientSampleId :

Tot Ion: 98 Resp: 336033

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#55

1,1,2-Trichloroethane

Concen: 2.533 ug/l

RT: 10.76 min Scan# 1453

Delta R.T. -0.02 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

Tgt Ion: 97 Resp: 3291

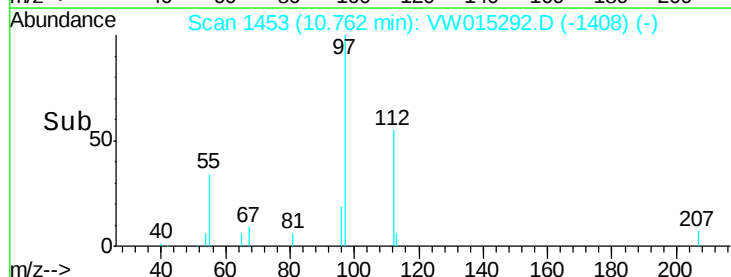
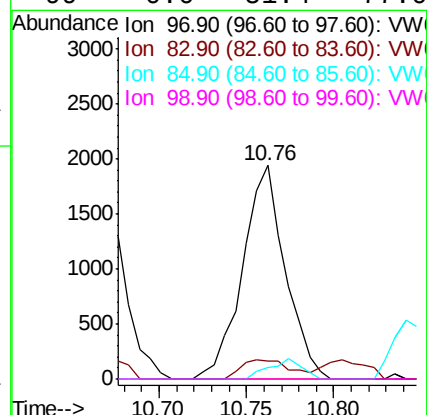
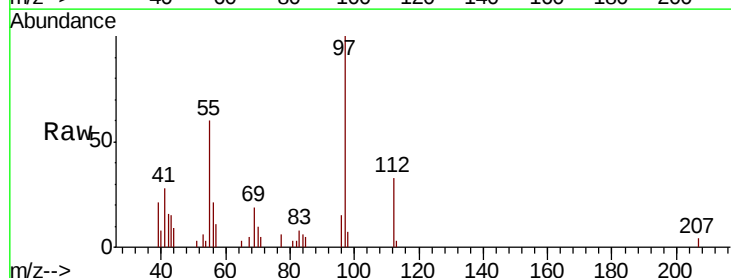
Ion Ratio Lower Upper

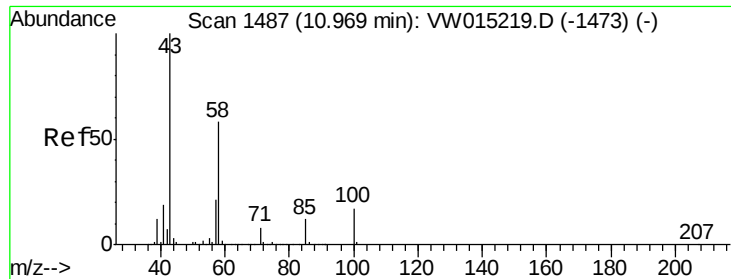
97 100

83 8.2 67.3 100.9#

85 5.3 43.8 65.8#

99 0.0 51.4 77.0#





#59

2-Hexanone

Concen: 4.051 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.03 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

Instrument :

MSVOA_W

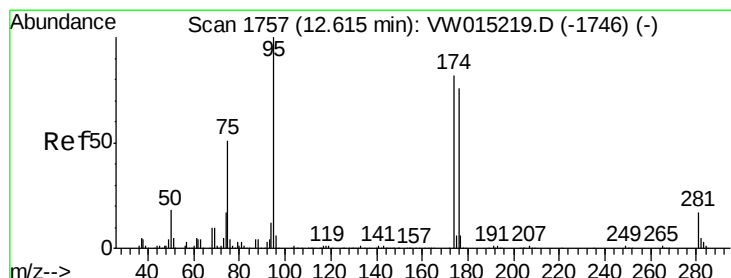
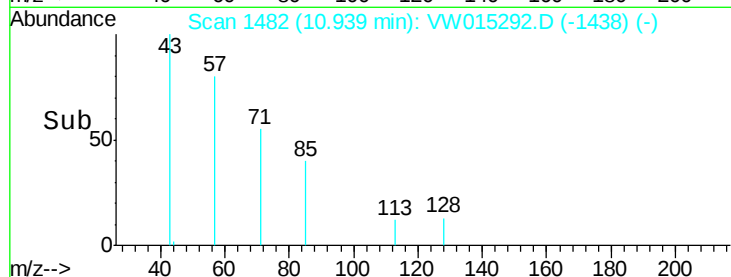
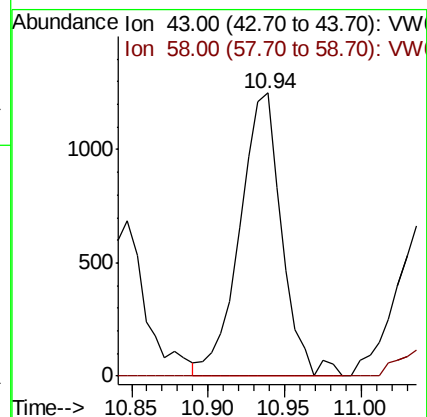
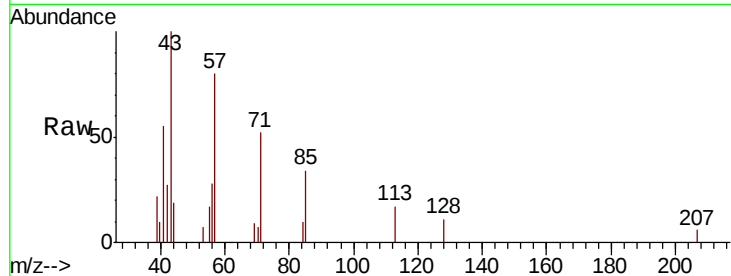
ClientSampleId :

Tot Ion: 43 Resp: 2386

Ion Ratio Lower Upper

43 100

58 0.0 28.1 84.3#



#62

4-Bromofluorobenzene

Concen: 44.358 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

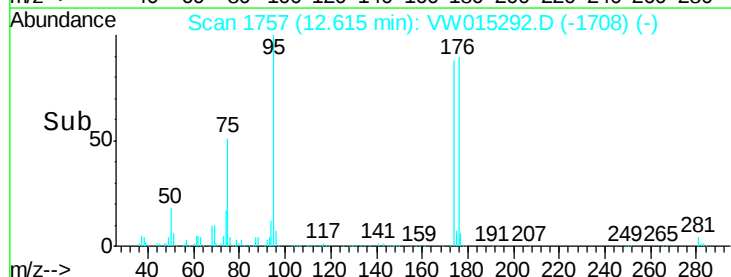
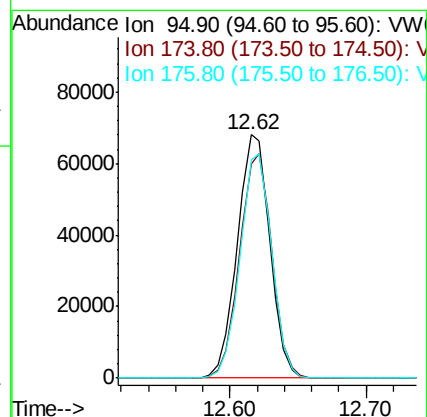
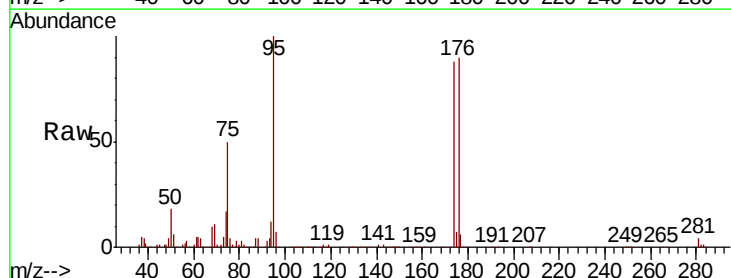
Tgt Ion: 95 Resp: 112834

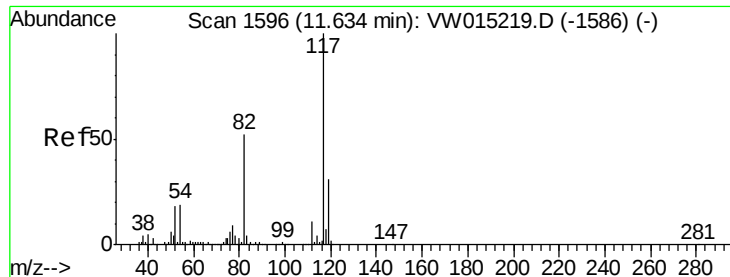
Ion Ratio Lower Upper

95 100

174 91.8 0.0 144.4

176 90.6 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

Instrument :

MSVOA_W

ClientSampled :

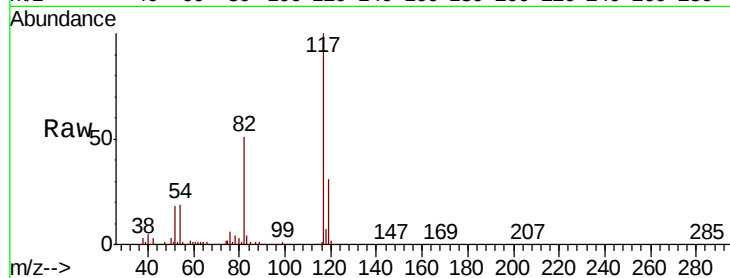
Tot Ion:117 Resp: 260477

Ion Ratio Lower Upper

117 100

82 51.3 44.1 66.1

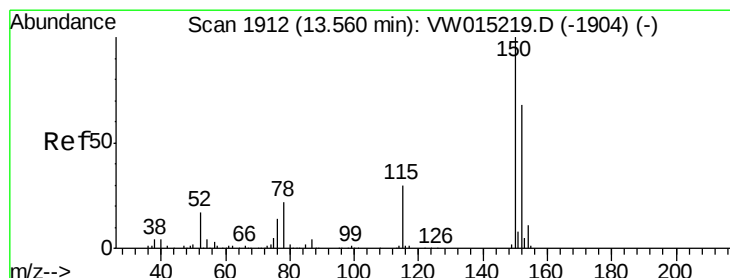
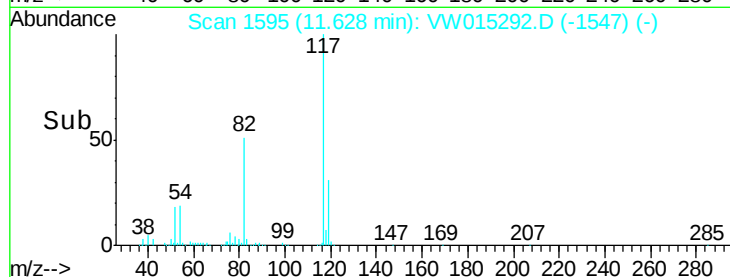
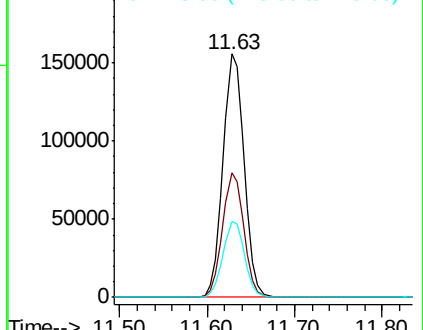
119 31.1 24.9 37.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

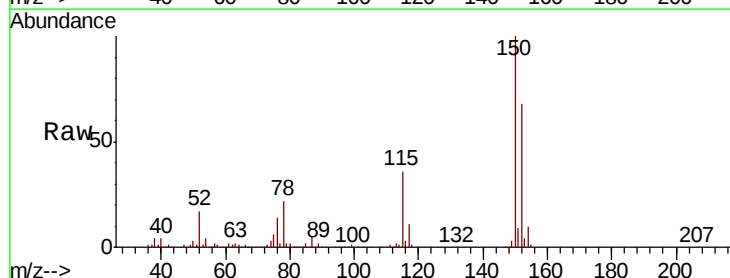
Tgt Ion:152 Resp: 115555

Ion Ratio Lower Upper

152 100

115 54.6 31.3 93.9

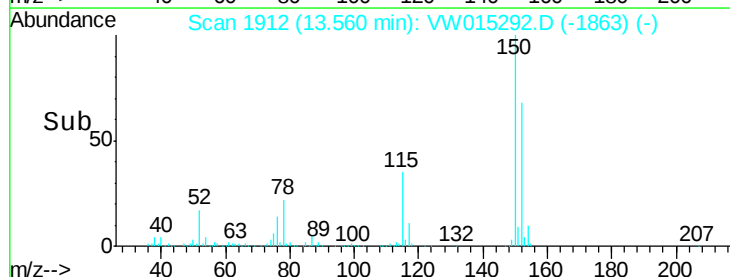
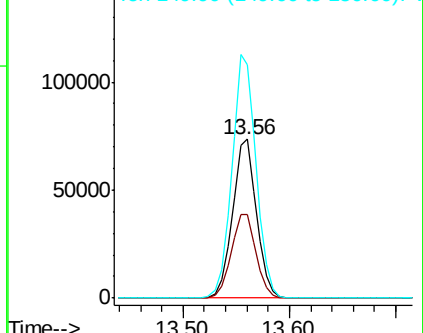
150 154.2 0.0 343.4

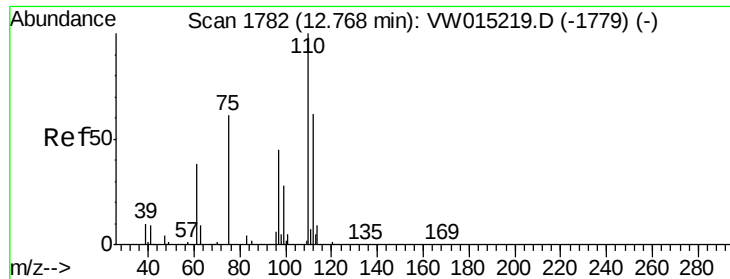


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 63.071 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

Instrument :

MSVOA_W

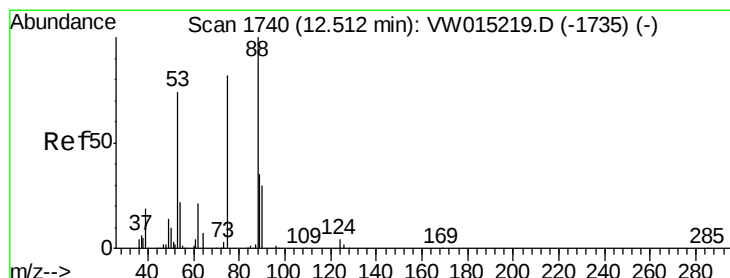
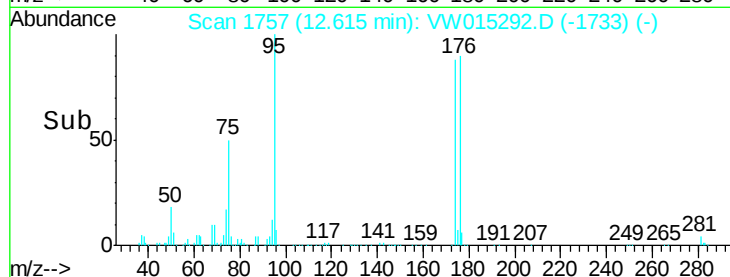
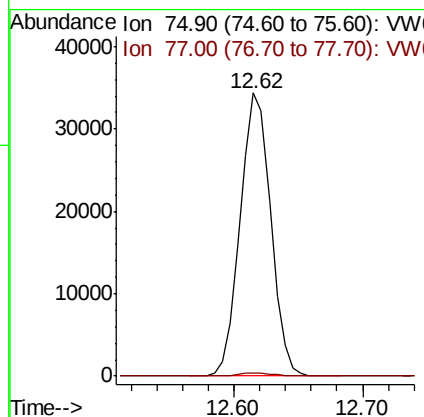
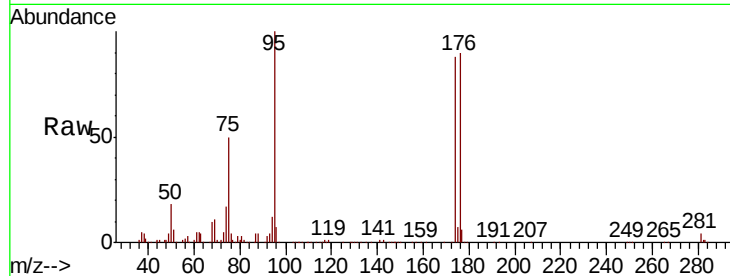
ClientSampleId :

Tot Ion: 75 Resp: 56382

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.874 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

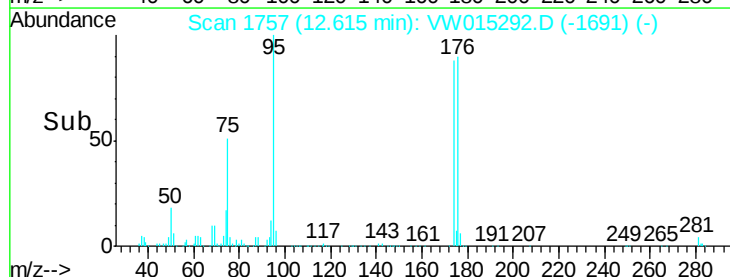
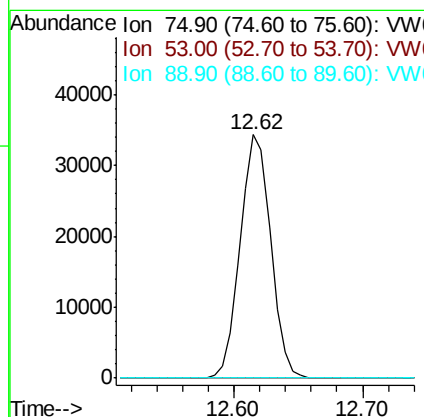
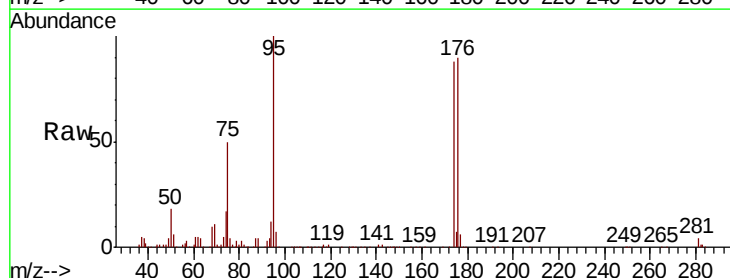
Tgt Ion: 75 Resp: 56382

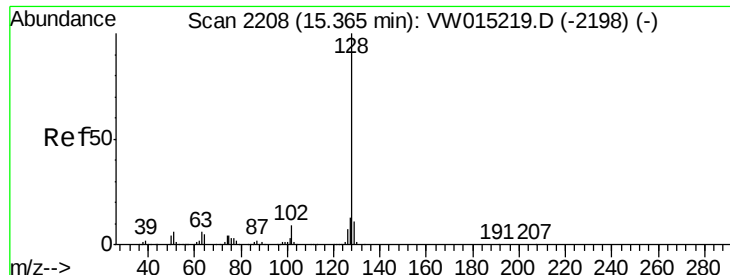
Ion Ratio Lower Upper

75 100

53 0.0 69.4 104.2#

89 0.0 34.8 52.2#





#95

Naphthalene

Concen: 8.885 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW015292.D

Acq: 22 Apr 2020 04:50

Instrument :

MSVOA_W

ClientSampleId :

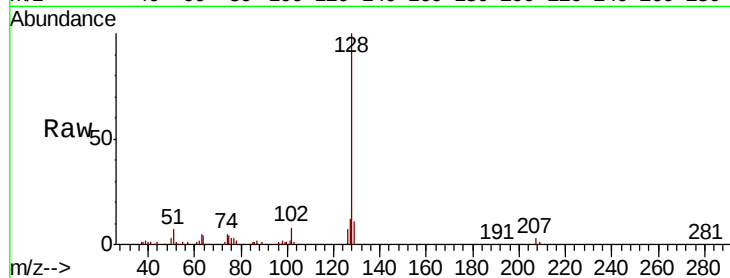
Tot Ion:128 Resp: 31575

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.2 8.6 12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

