

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062019\
 Data File : VW010896.D
 Acq On : 20 Jun 2019 17:07
 Operator : SY/VA
 Sample : K3455-05
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 07:48:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	238323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157487	56.06	ug/l	0.00
Spiked Amount						
			Recovery	=	112.12%	
35) Dibromofluoromethane	7.88	113	114080	52.94	ug/l	0.00
Spiked Amount						
			Recovery	=	105.88%	
50) Toluene-d8	10.32	98	491236	51.99	ug/l	0.00
Spiked Amount						
			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.62	95	163451	47.54	ug/l	0.00
Spiked Amount						
			Recovery	=	95.08%	

Target Compounds

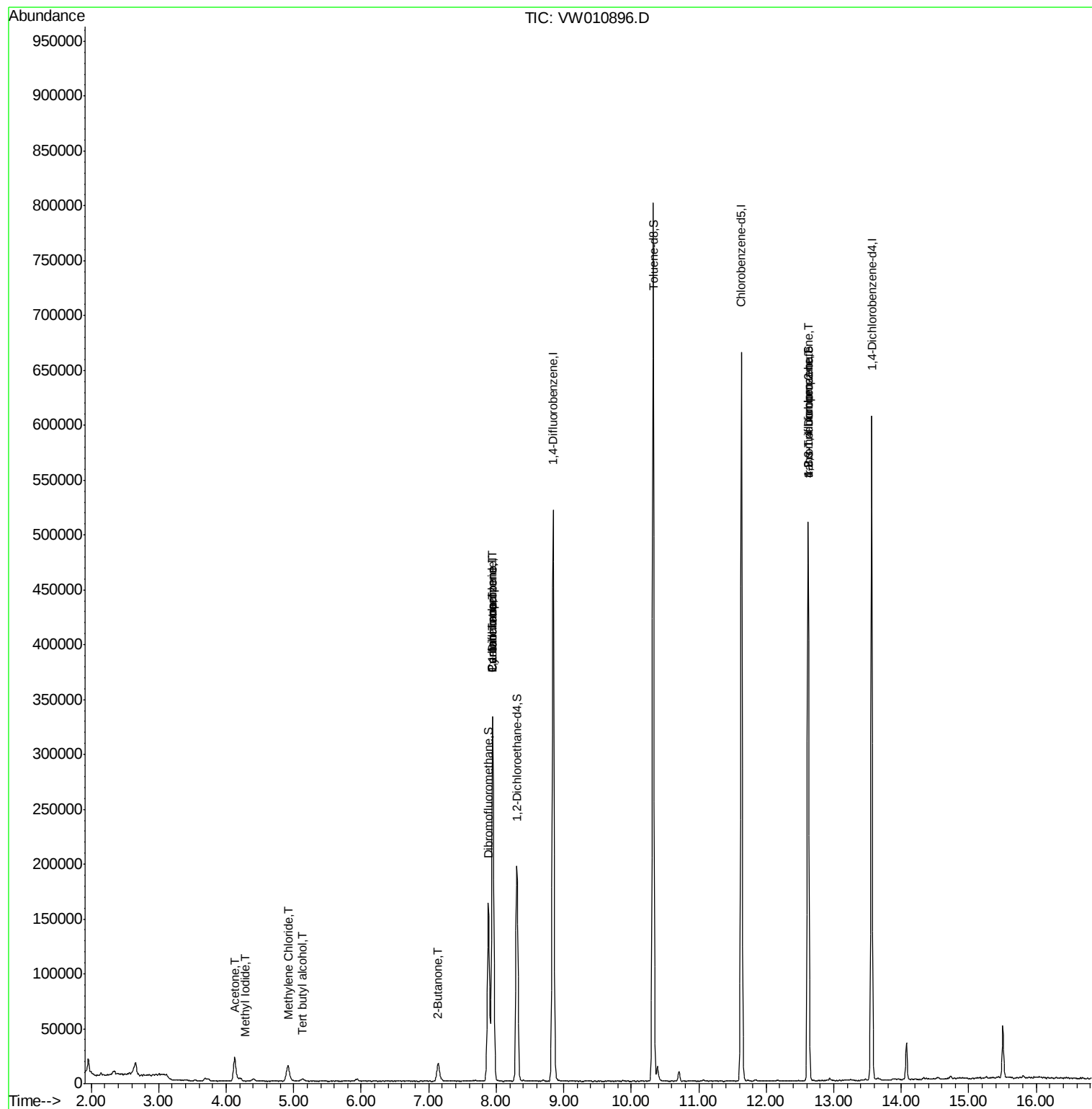
						Qvalue
10) Methyl Iodide	4.28	142	55	4.819	ug/l #	41
11) Tert butyl alcohol	5.12	59	2175	9.504	ug/l #	72
16) Acetone	4.12	43	38843	51.606	ug/l	99
20) Methylene Chloride	4.92	84	9432	3.572	ug/l #	84
25) 2-Butanone	7.13	43	1417	1.358	ug/l #	53
31) Cyclohexane	7.95	56	6465	1.141	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21855	5.378	ug/l #	51
38) Carbon Tetrachloride	7.95	117	25036	7.137	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	91078	60.352	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	91078	138.708	ug/l #	5

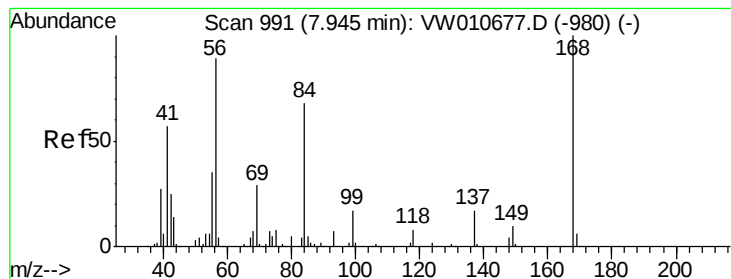
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010896.D

Acq: 20 Jun 2019 17:07

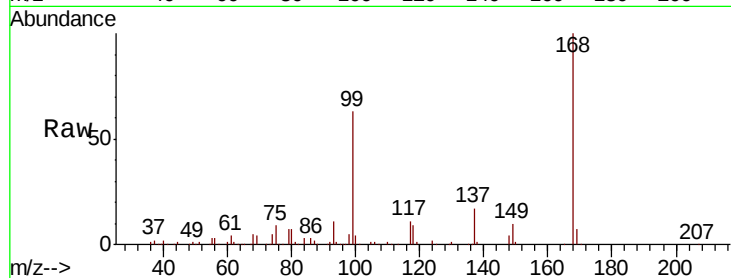
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 238323

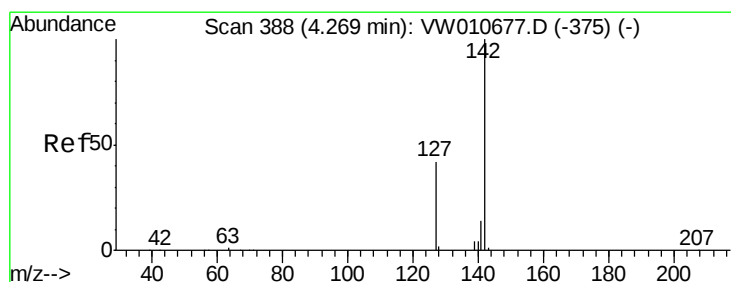
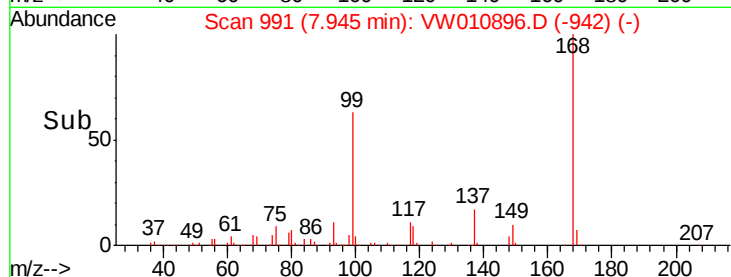
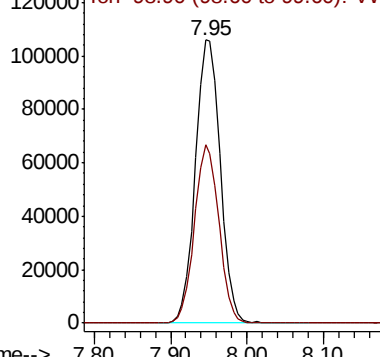
Ion Ratio Lower Upper

168 100

99 62.9 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VW



#10

Methyl Iodide

Concen: 4.819 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW010896.D

Acq: 20 Jun 2019 17:07

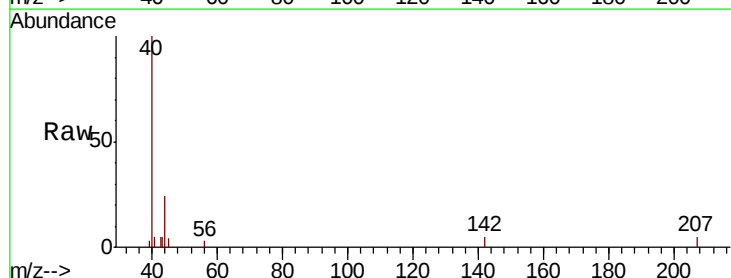
Tgt Ion:142 Resp: 55

Ion Ratio Lower Upper

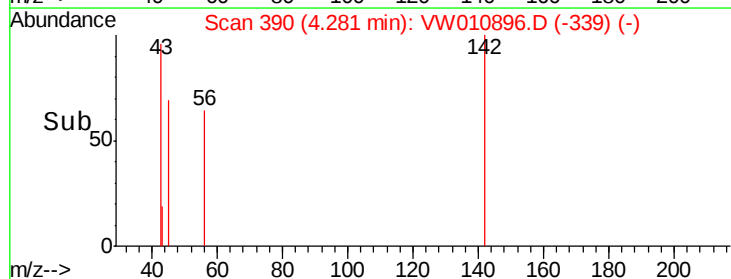
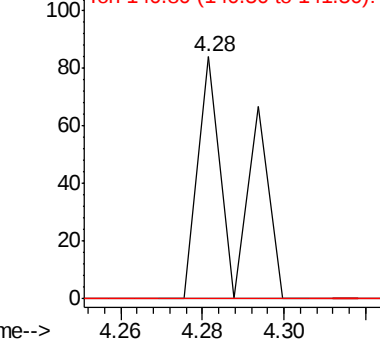
142 100

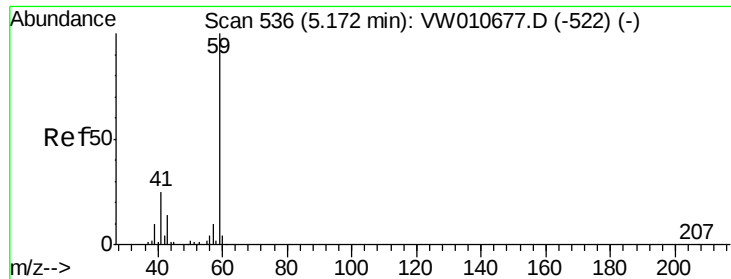
127 0.0 34.6 51.8#

141 0.0 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

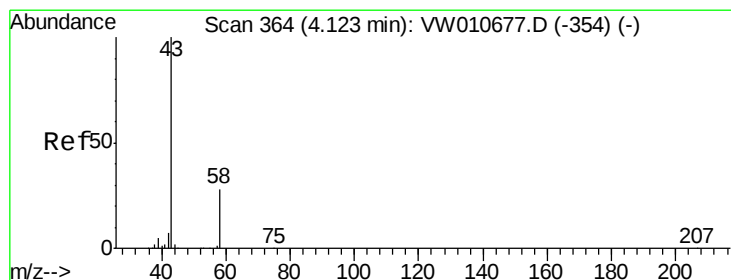
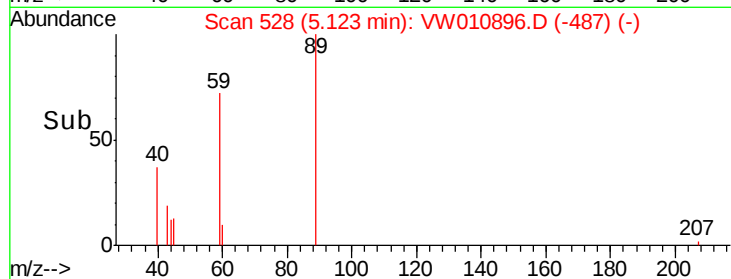
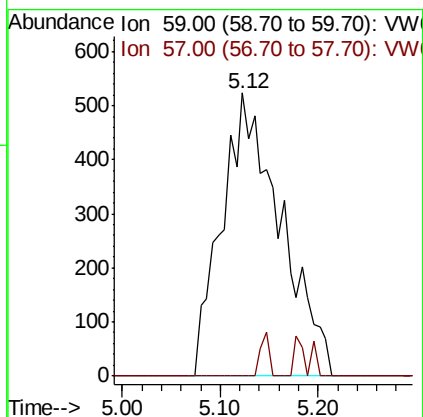
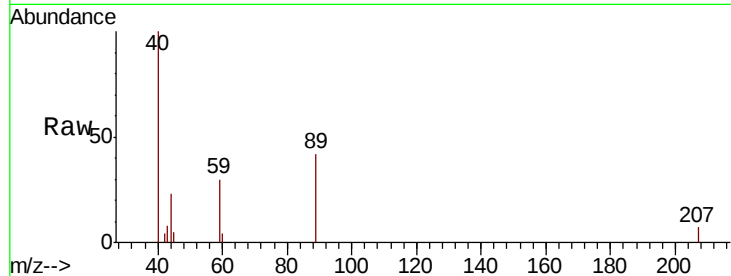




#11
Tert butyl alcohol
Concen: 9.504 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: VW010896.D
Acq: 20 Jun 2019 17:07

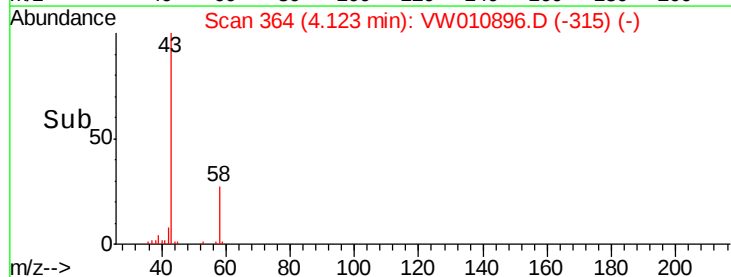
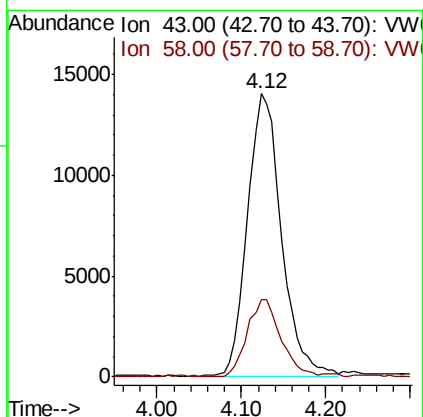
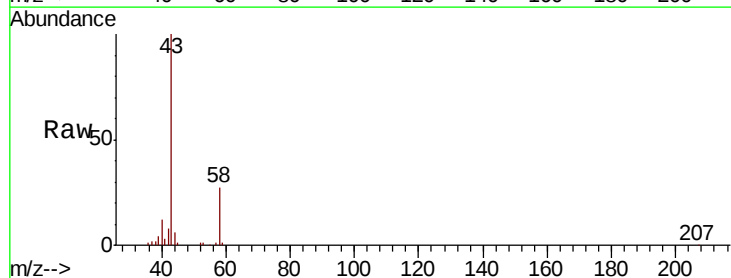
Instrument :
MSVOA_W
ClientSampled :

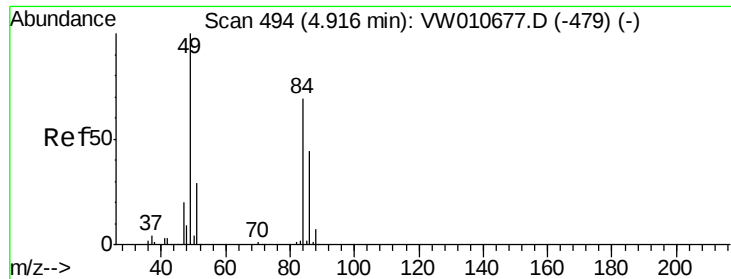
Tot Ion: 59 Resp: 2175
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 51.606 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW010896.D
Acq: 20 Jun 2019 17:07

Tgt Ion: 43 Resp: 38843
Ion Ratio Lower Upper
43 100
58 27.1 22.1 33.1

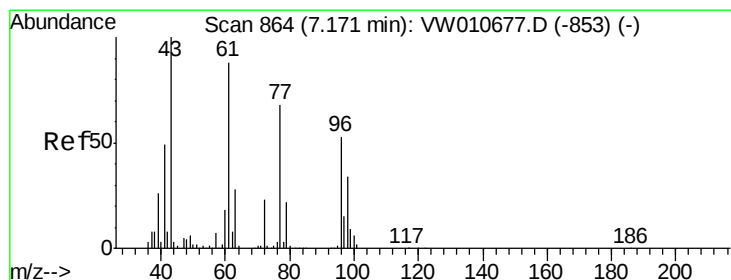
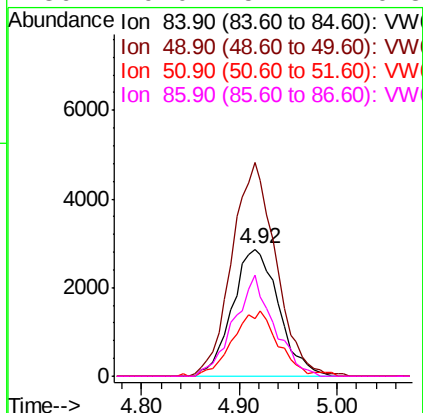
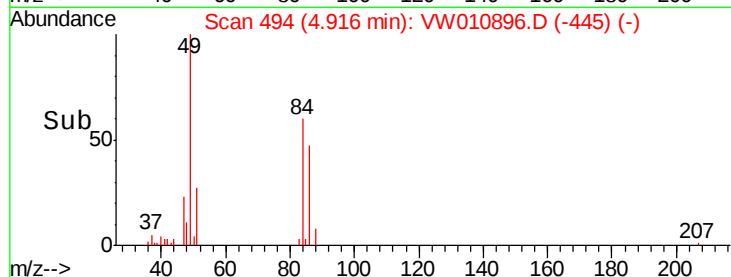
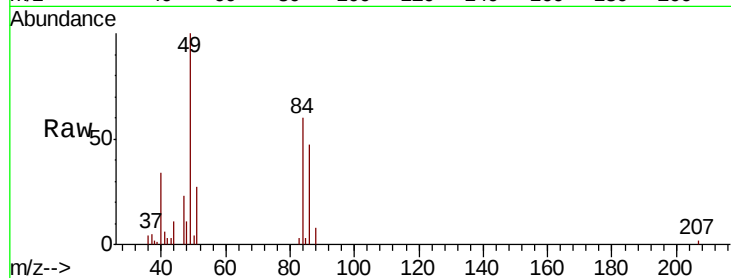




#20
Methvlene Chloride
Concen: 3.572 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010896.D
Acq: 20 Jun 2019 17:07

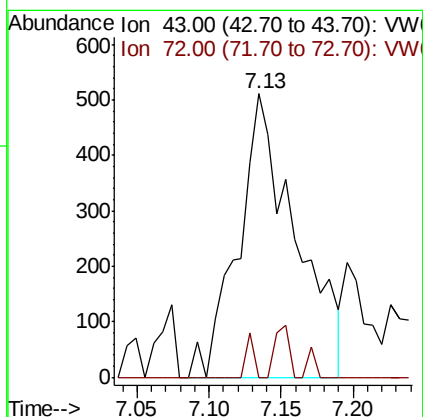
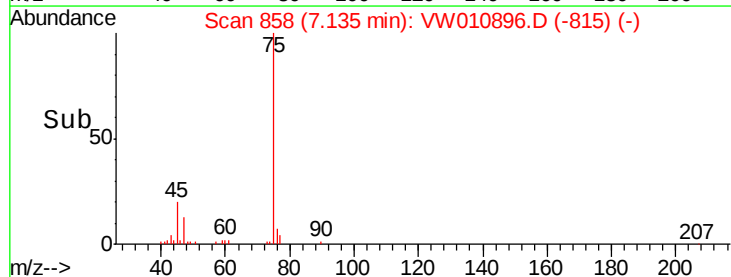
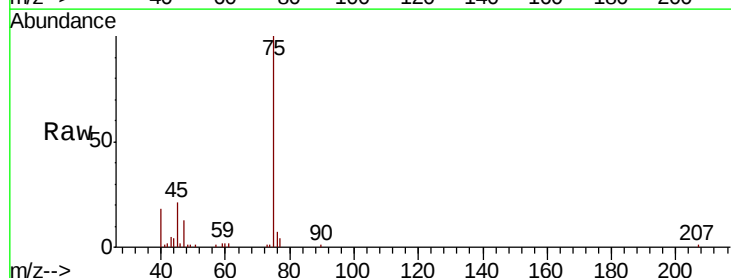
Instrument :
MSVOA_W
ClientSampled :

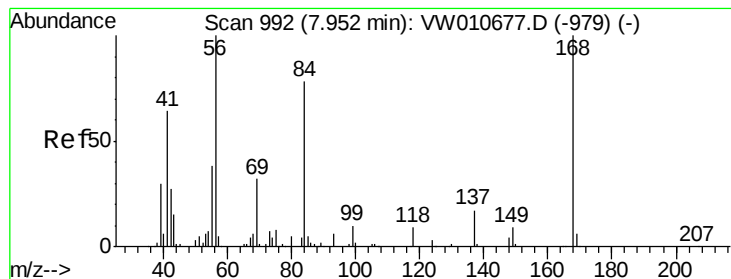
Tot Ion: 84 Resp: 9432
Ion Ratio Lower Upper
84 100
49 167.9 116.7 175.1
51 45.1 34.2 51.2
86 79.0 51.2 76.8#



#25
2-Butanone
Concen: 1.358 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW010896.D
Acq: 20 Jun 2019 17:07

Tgt Ion: 43 Resp: 1417
Ion Ratio Lower Upper
43 100
72 0.0 18.1 27.1#





#31

Cyclohexane

Concen: 1.141 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010896.D

Acq: 20 Jun 2019 17:07

Instrument :

MSVOA_W

ClientSampled :

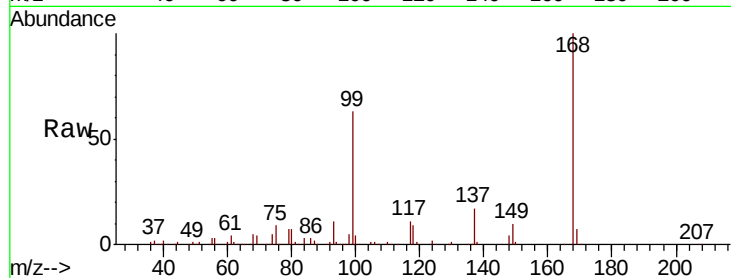
Tot Ion: 56 Resp: 6465

Ion Ratio Lower Upper

56 100

69 162.5 25.2 37.8#

84 126.0 62.2 93.2#

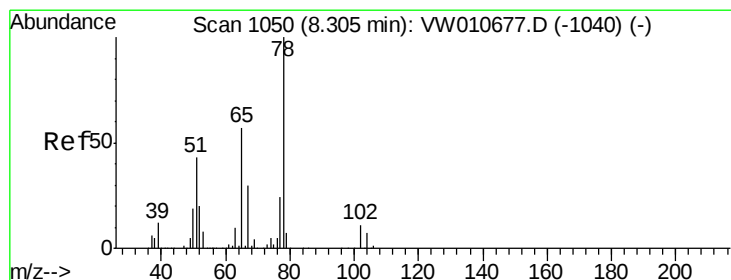
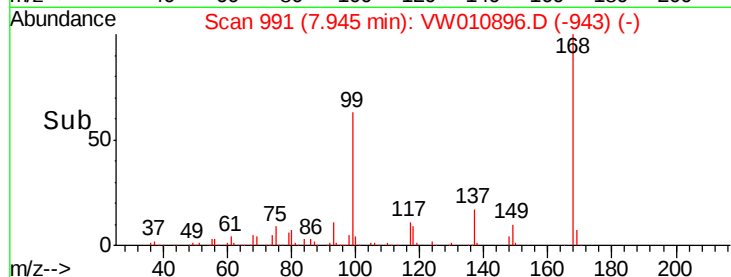
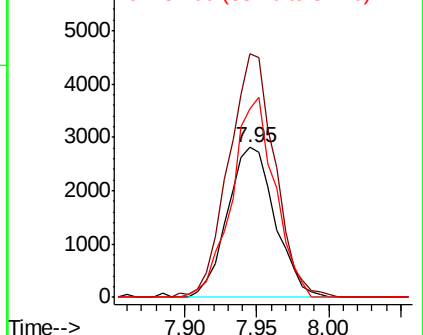


Abundance

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: 56.064 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW010896.D

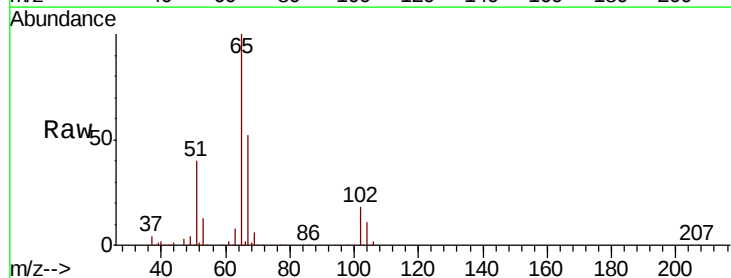
Acq: 20 Jun 2019 17:07

Tgt Ion: 65 Resp: 157487

Ion Ratio Lower Upper

65 100

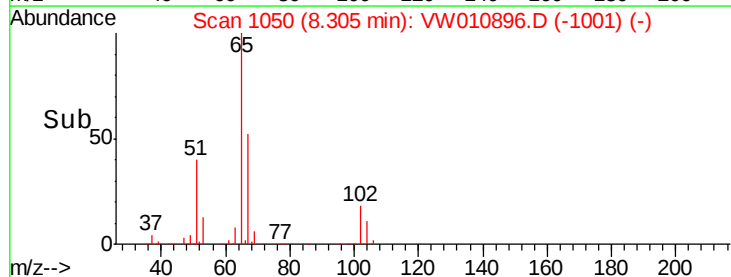
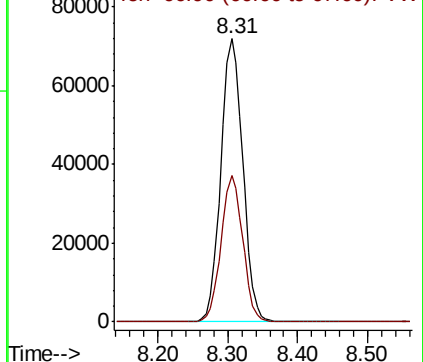
67 51.1 0.0 102.6

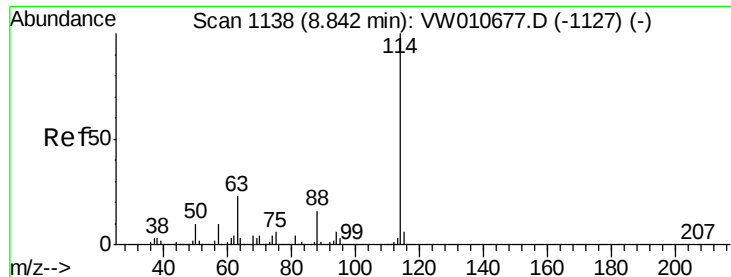


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

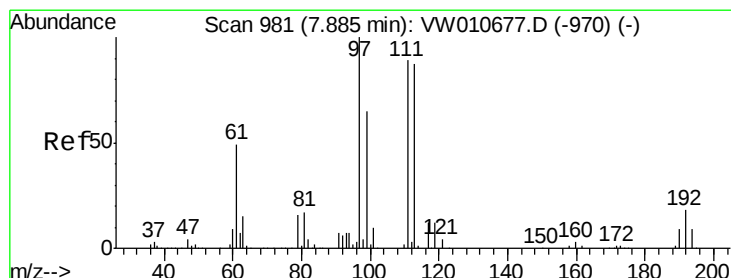
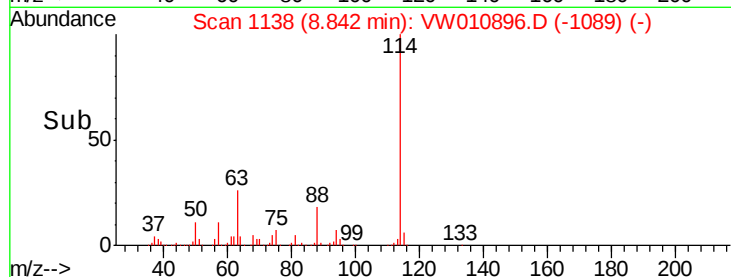
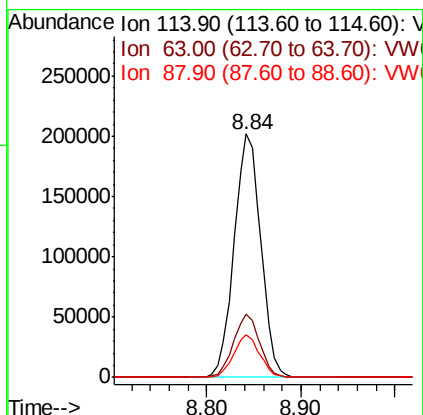
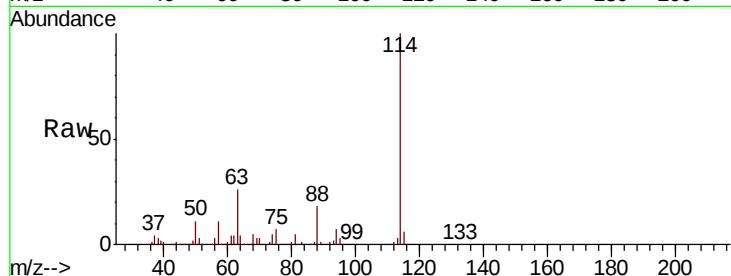




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010896.D
Acq: 20 Jun 2019 17:07

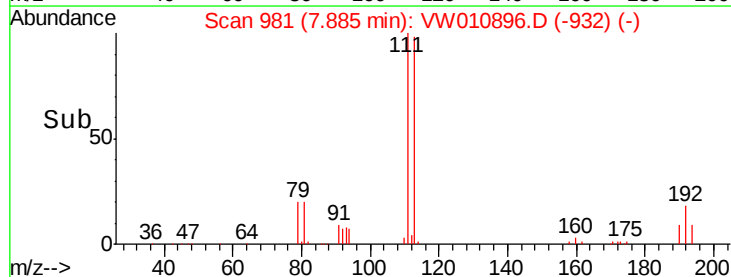
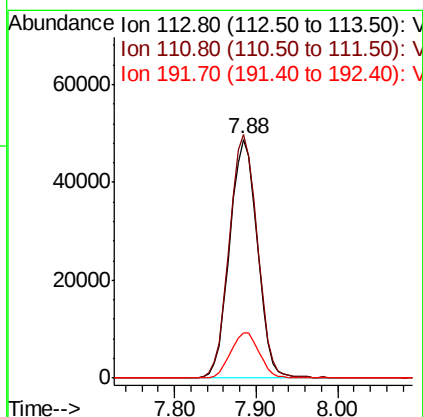
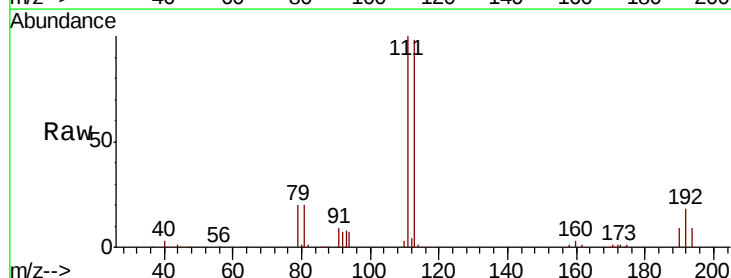
Instrument :
MSVOA_W
ClientSampled :

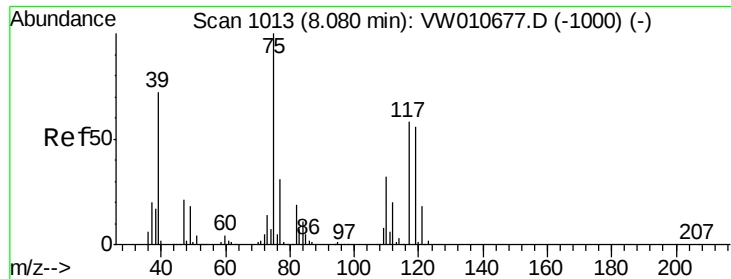
Tot Ion	Ratio	Lower	Upper
114	100		
63	26.1	0.0	46.4
88	17.6	0.0	32.2



#35
Dibromofluoromethane
Concen: 52.944 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010896.D
Acq: 20 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.6	16.4	24.6

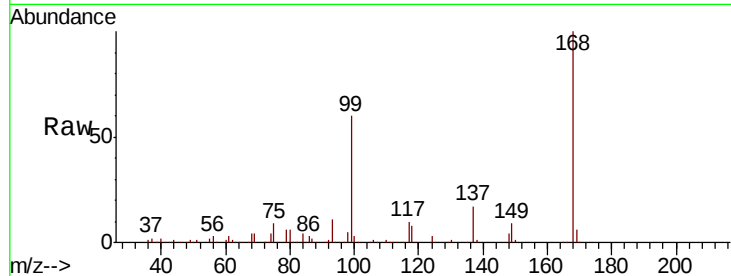




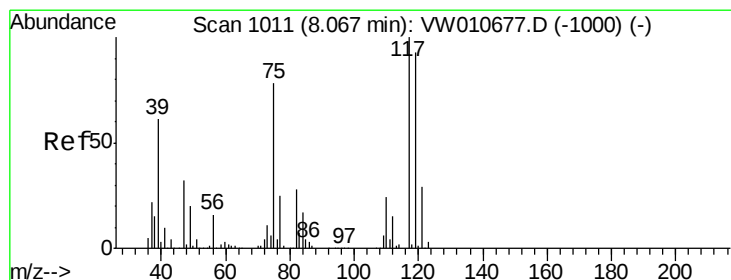
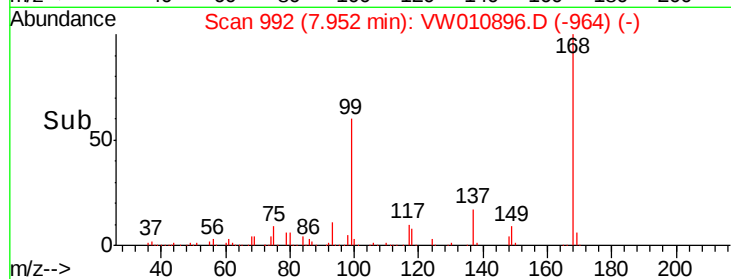
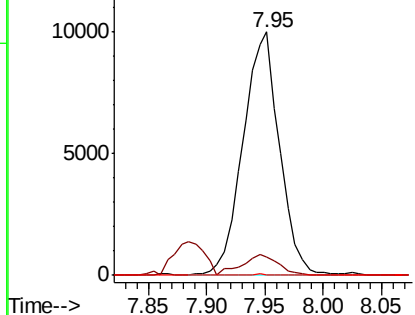
#36
 1,1-Dichloropropene
 Concen: 5.378 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW010896.D
 Acq: 20 Jun 2019 17:07

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	15.8	47.3#
77	0.1	24.7	37.1#

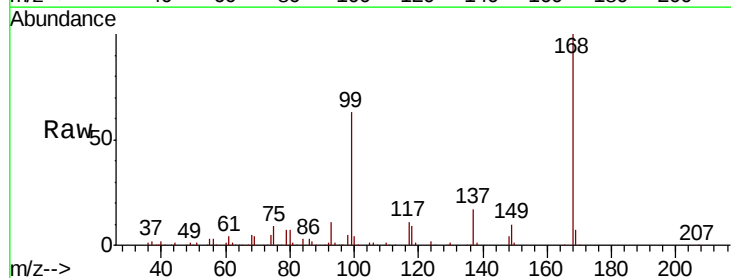


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

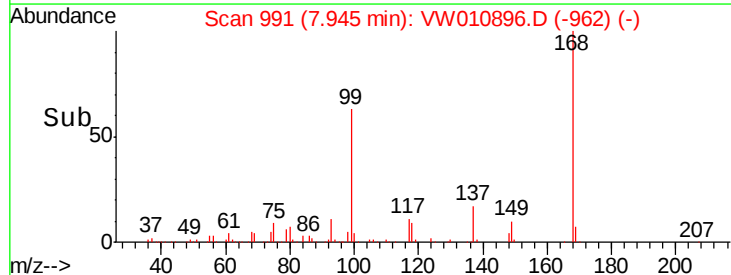
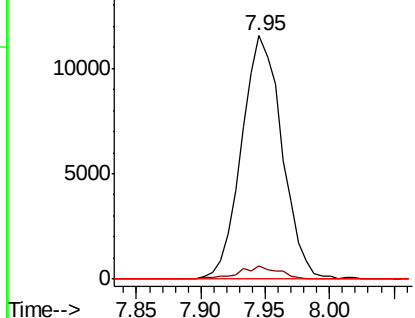


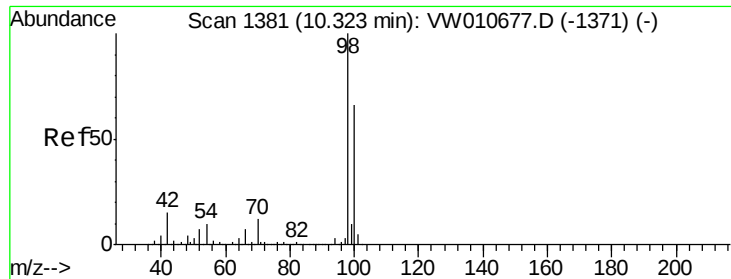
#38
 Carbon Tetrachloride
 Concen: 7.137 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW010896.D
 Acq: 20 Jun 2019 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	74.2	111.4#
121	0.0	22.9	34.3#



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: 51.990 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010896.D

Acq: 20 Jun 2019 17:07

Instrument :

MSVOA_W

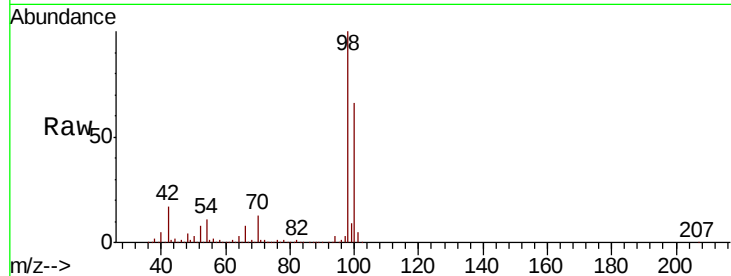
ClientSampleId :

Tot Ion: 98 Resp: 491236

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

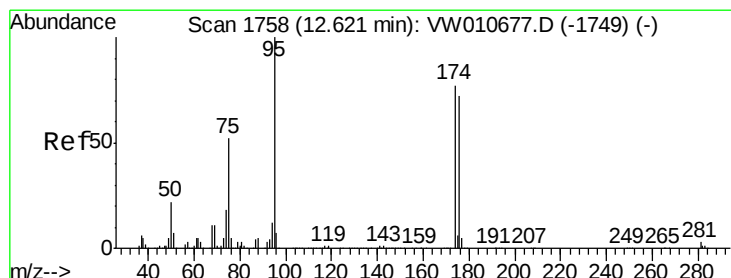
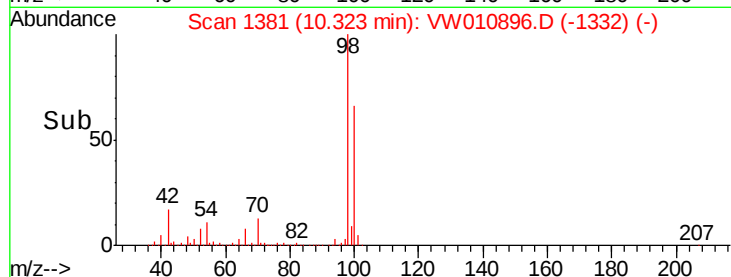
300000

200000

100000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 47.539 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010896.D

Acq: 20 Jun 2019 17:07

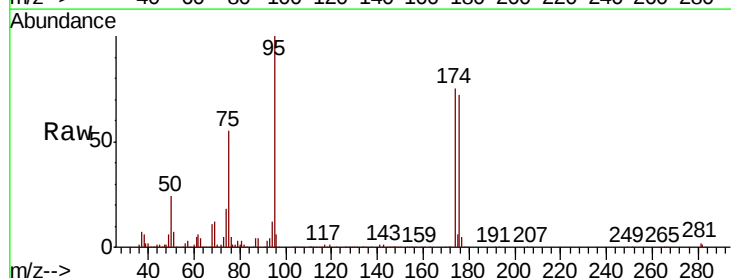
Tgt Ion: 95 Resp: 163451

Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.4

176 71.0 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

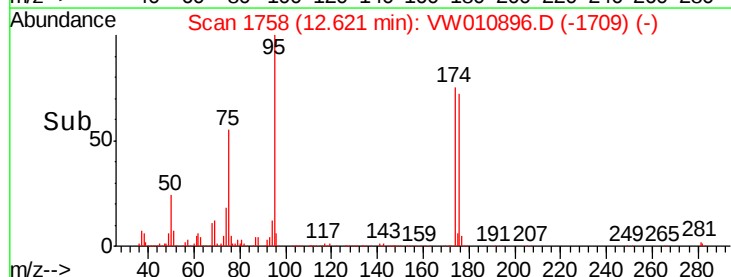
12.62

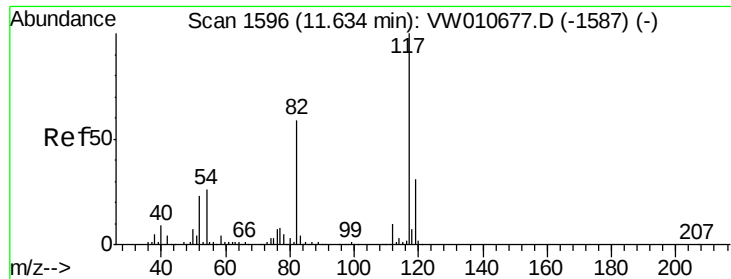
100000

50000

0

Time--> 12.50 12.60 12.70

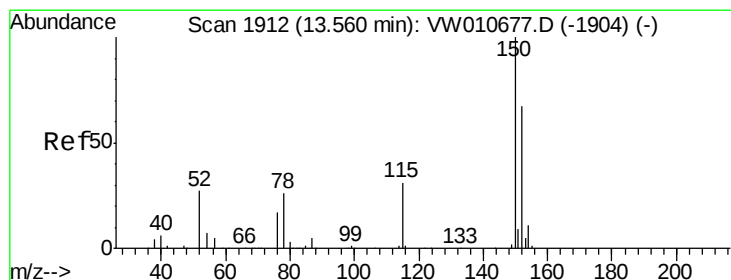
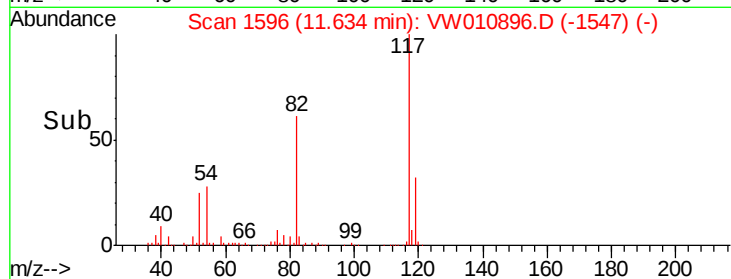
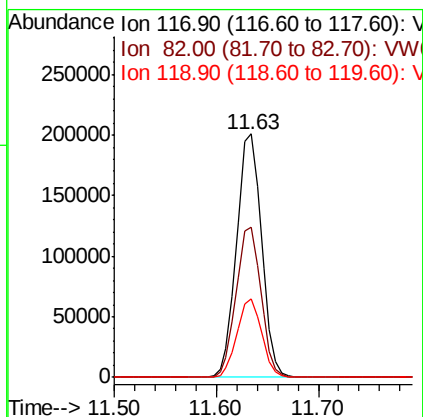
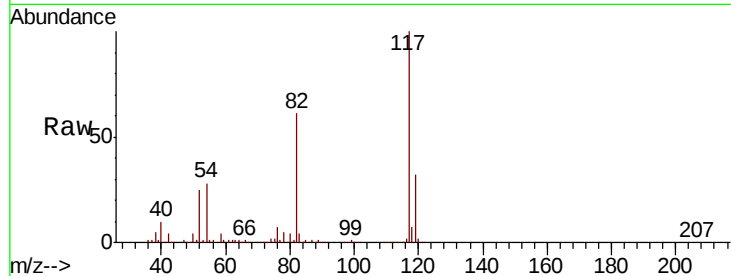




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010896.D
Acq: 20 Jun 2019 17:07

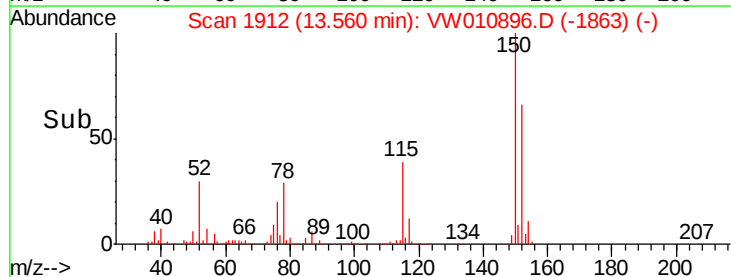
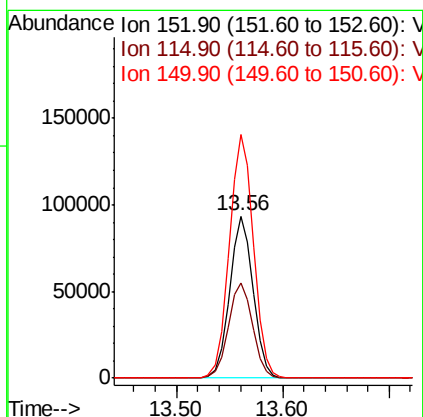
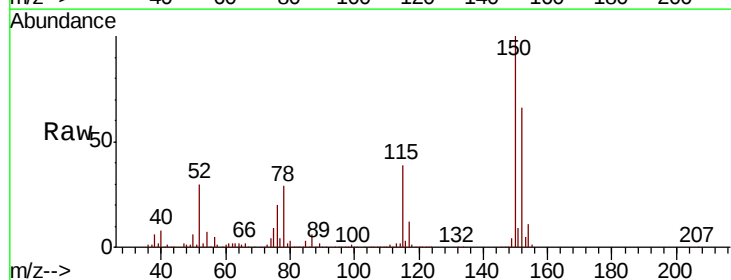
Instrument :
MSVOA_W
ClientSampleId :

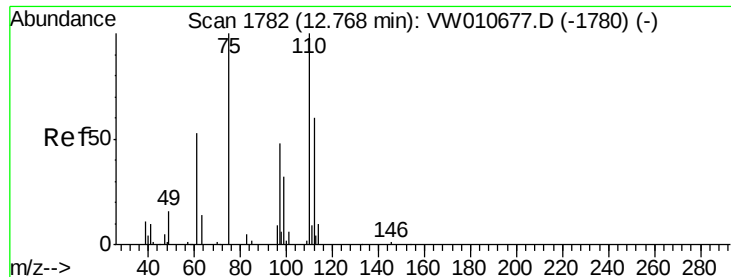
Tot Ion:117 Resp: 340049
Ion Ratio Lower Upper
117 100
82 61.5 47.0 70.4
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010896.D
Acq: 20 Jun 2019 17:07

Tgt Ion:152 Resp: 143707
Ion Ratio Lower Upper
152 100
115 60.8 29.8 89.3
150 155.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 60.352 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010896.D

Acq: 20 Jun 2019 17:07

Instrument :

MSVOA_W

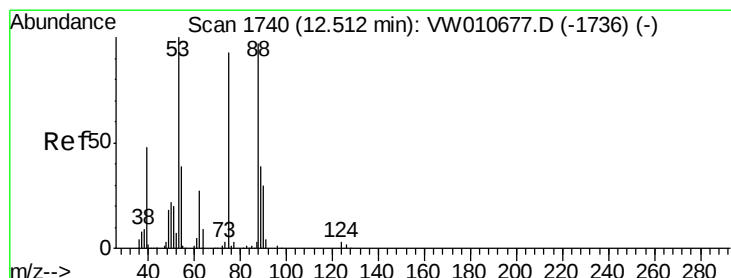
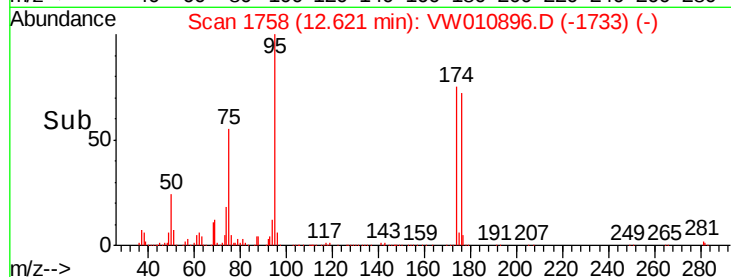
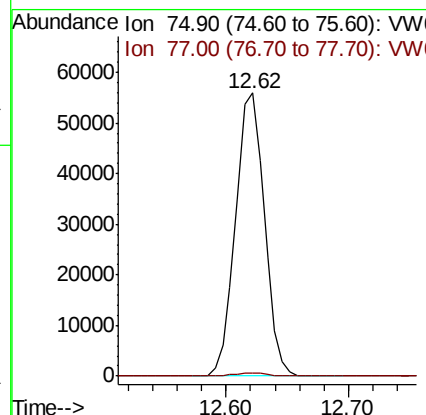
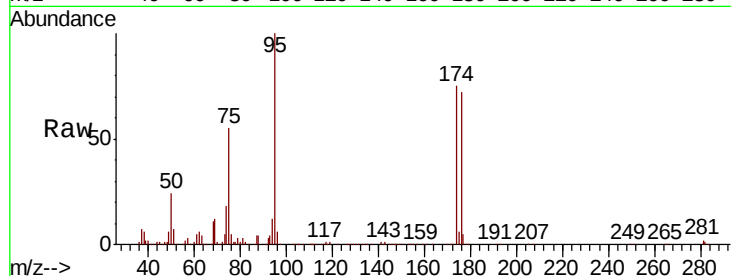
ClientSampleId :

Tot Ion: 75 Resp: 91078

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.708 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010896.D

Acq: 20 Jun 2019 17:07

Tgt Ion: 75 Resp: 91078

Ion Ratio Lower Upper

75 100

53 0.0 90.1 135.1#

89 0.0 34.6 52.0#

