

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013330.D
 Acq On : 30 Sep 2019 14:00
 Operator : SY/VA
 Sample : K5038-12RE
 Misc : 7.09G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 17:28:55 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	303228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339931	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113510	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	124169	50.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.34%	
35) Dibromofluoromethane	7.88	113	127409	52.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.10%	
50) Toluene-d8	10.32	98	495594	48.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.62	95	129533	37.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.02%	

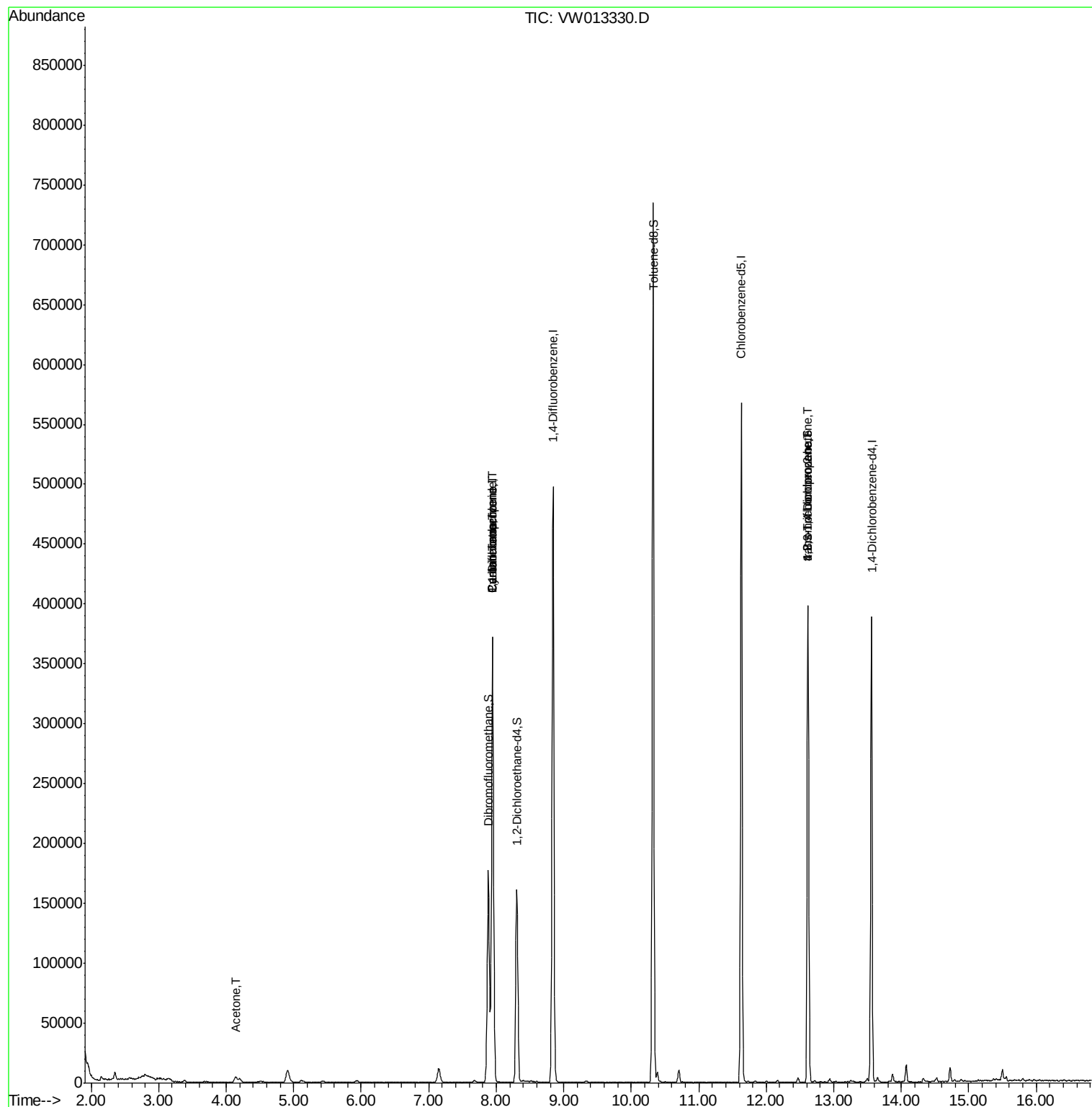
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.21	59	167	Below Cal	#	73
16) Acetone	4.15	43	9756	17.481	ug/l	98
26) 2,2-Dichloropropane	7.15	77	1098	Below Cal	#	52
31) Cyclohexane	7.94	56	5642	1.052	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19983	4.635	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25964	6.719	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	61954	61.803	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61954	138.681	ug/l #	12

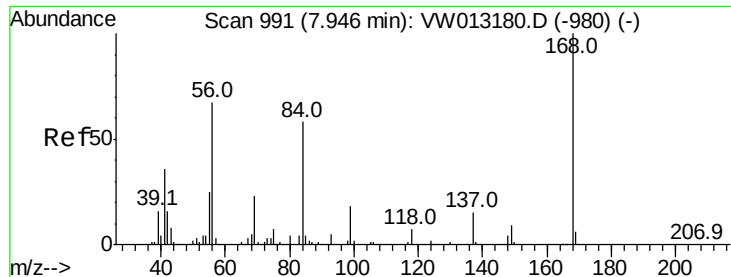
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013330.D

Acq: 30 Sep 2019 14:00

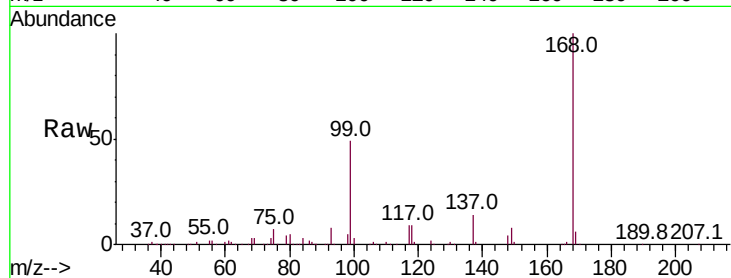
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 303228

Ion Ratio Lower Upper

168 100

99 48.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

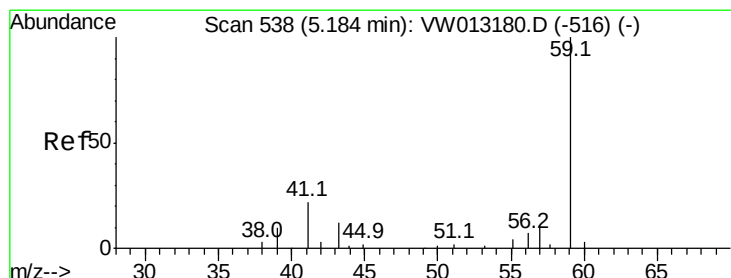
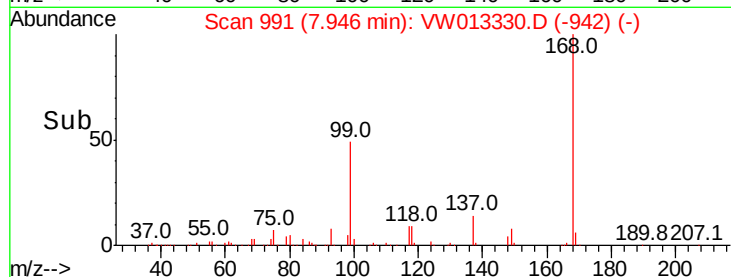
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.21 min Scan# 542

Delta R.T. 0.03 min

Lab File: VW013330.D

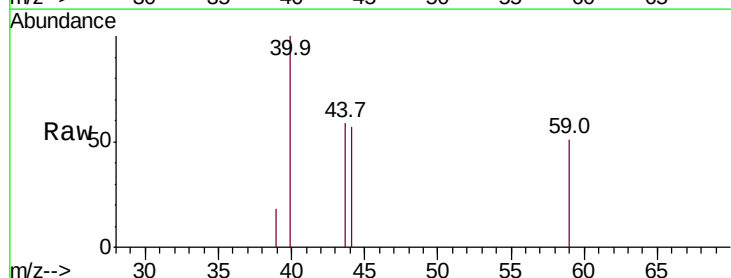
Acq: 30 Sep 2019 14:00

Tgt Ion: 59 Resp: 167

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

200

150

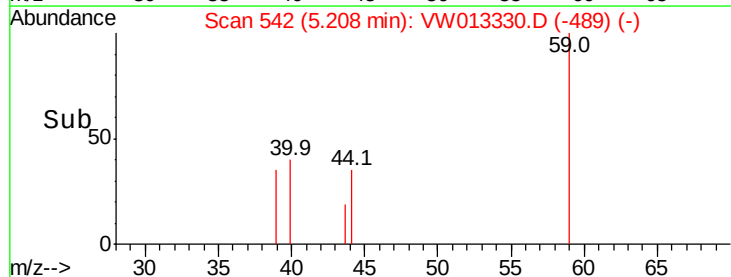
100

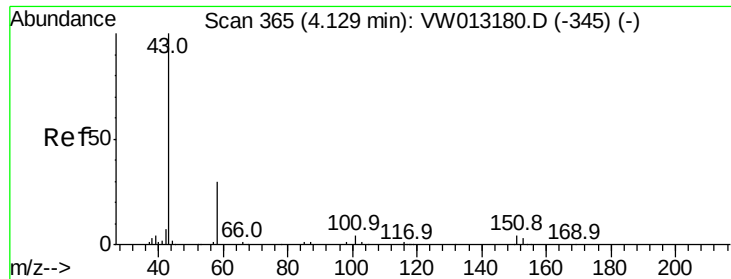
50

0

5.20 5.21 5.22

Time-->





#16

Acetone

Concen: 17.481 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW013330.D

Acq: 30 Sep 2019 14:00

Instrument :

MSVOA_W

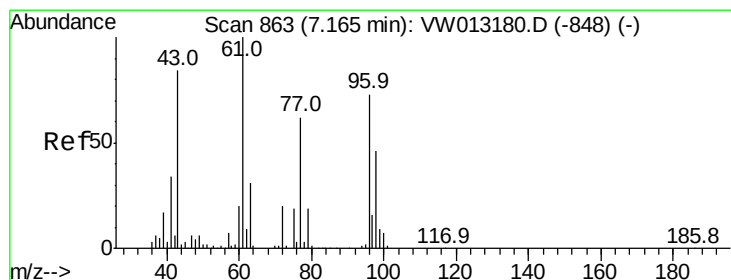
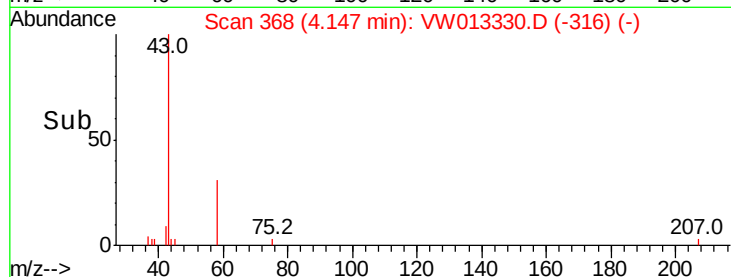
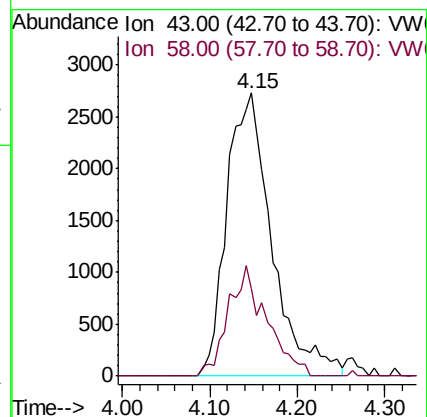
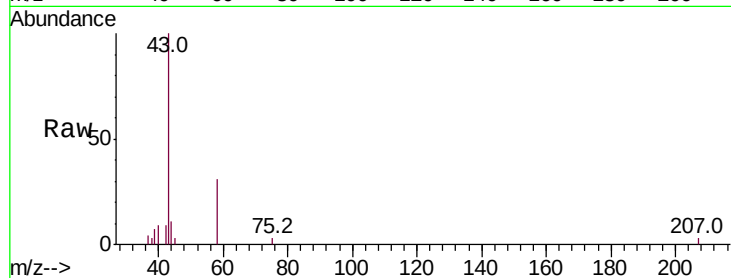
ClientSampleId :

Tot Ion: 43 Resp: 9756

Ion Ratio Lower Upper

43 100

58 31.0 24.1 36.1



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013330.D

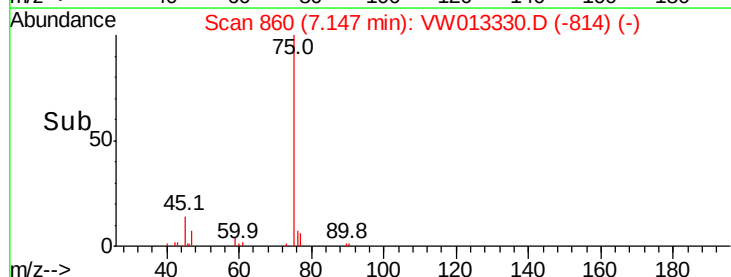
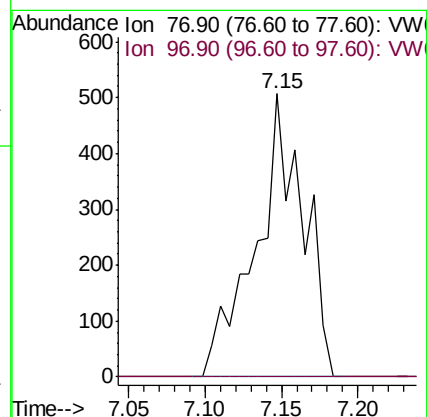
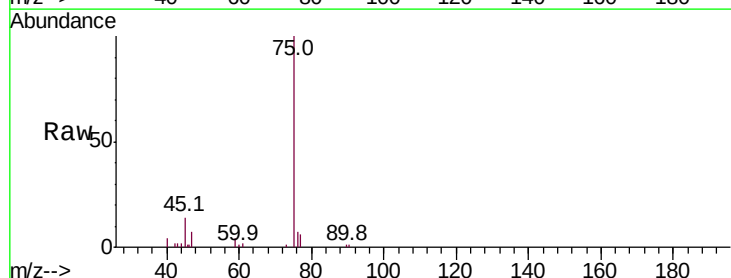
Acq: 30 Sep 2019 14:00

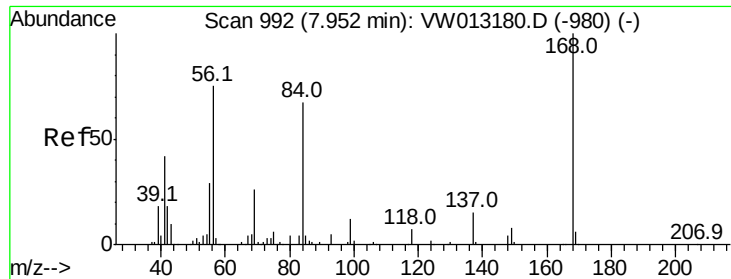
Tgt Ion: 77 Resp: 1098

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#

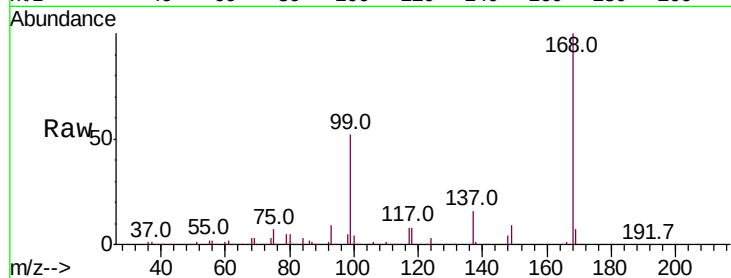




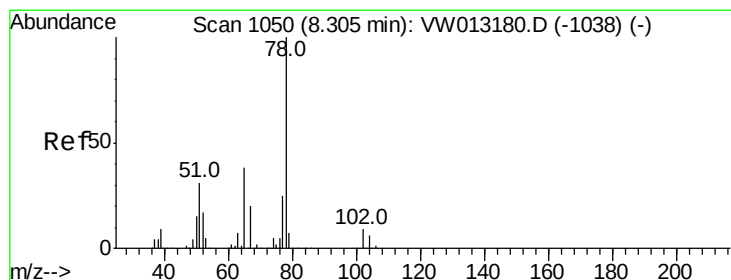
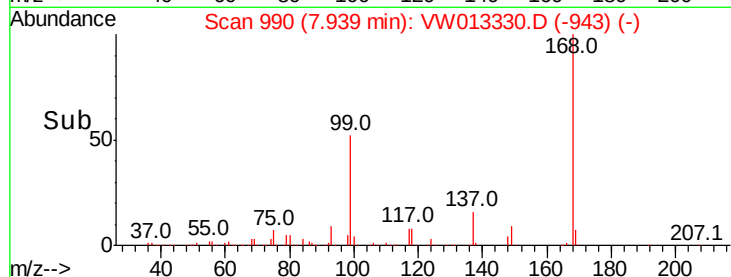
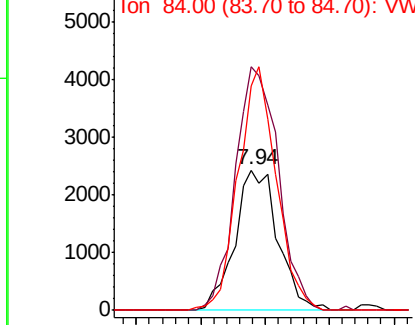
#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW013330.D
Acq: 30 Sep 2019 14:00

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 5642
Ion Ratio Lower Upper
56 100
69 173.8 27.2 40.8#
84 160.5 70.8 106.2#

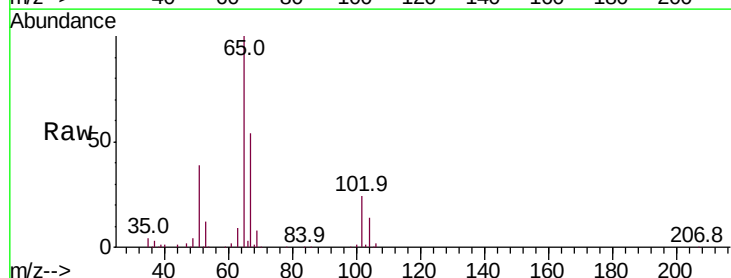


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

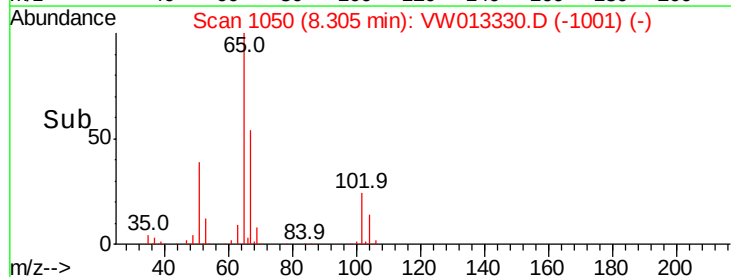
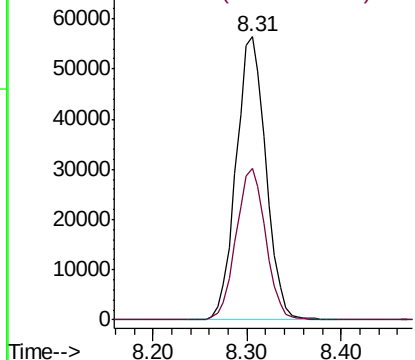


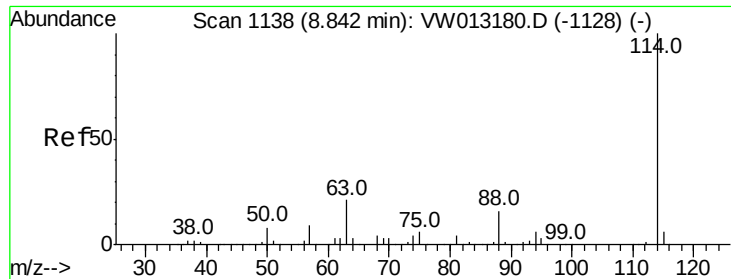
#33
1,2-Dichloroethane-d4
Concen: 50.174 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013330.D
Acq: 30 Sep 2019 14:00

Tgt Ion: 65 Resp: 124169
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

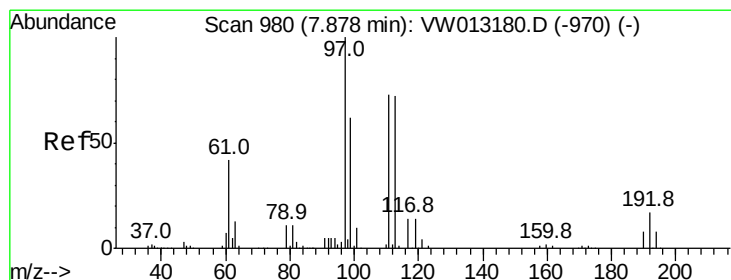
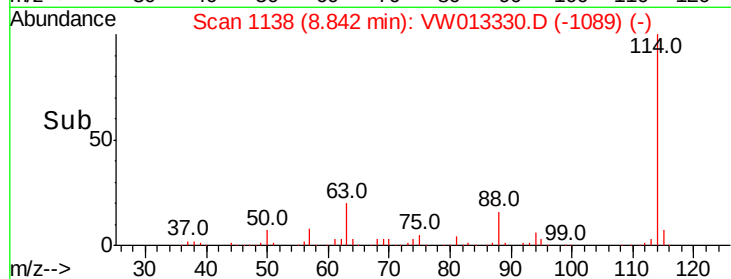
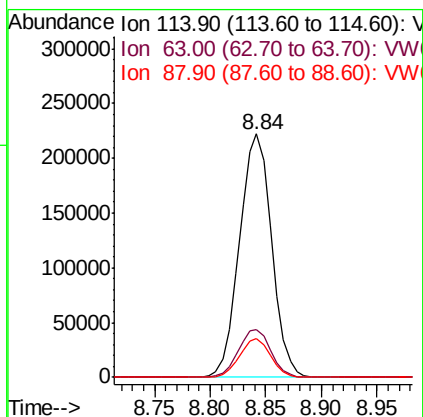
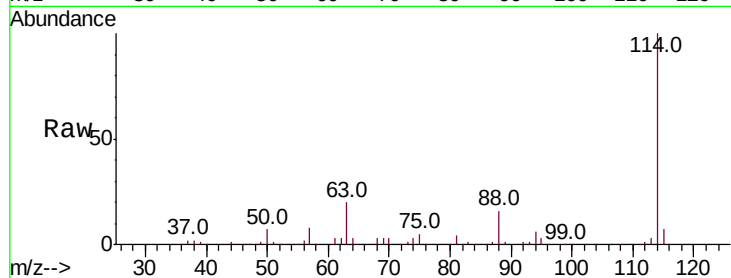




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013330.D
 Acq: 30 Sep 2019 14:00

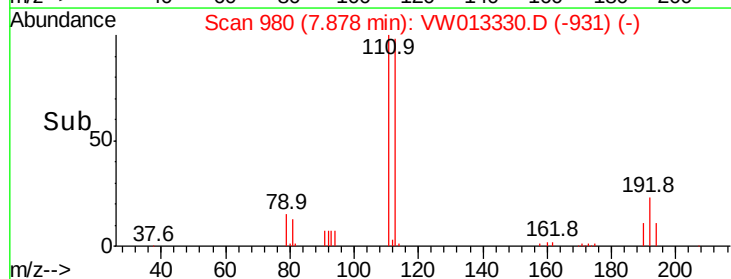
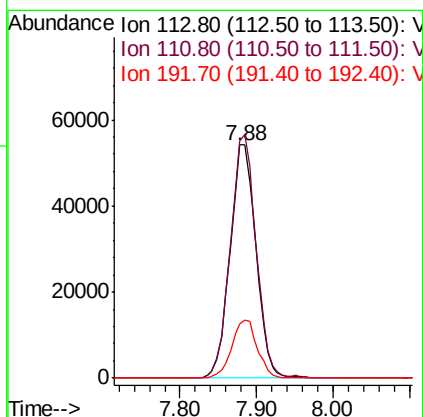
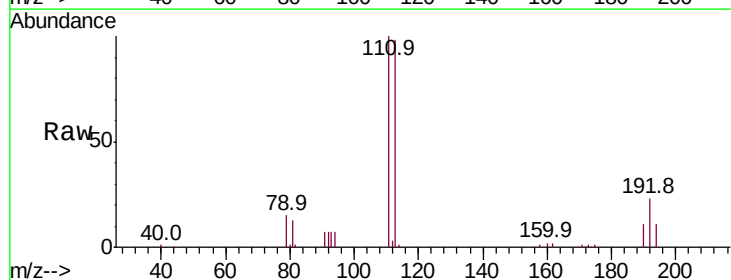
Instrument :
 MSVOA_W
 ClientSampleId :

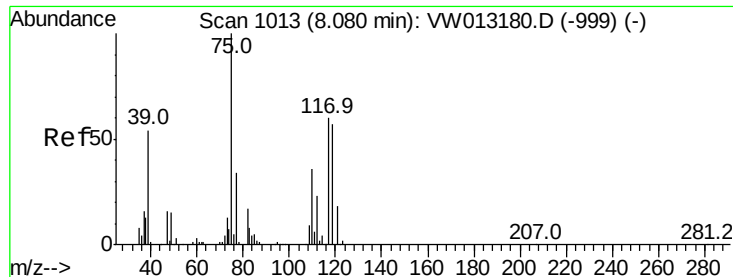
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.4
88	15.7	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 52.047 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013330.D
 Acq: 30 Sep 2019 14:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	24.5	19.1	28.7





#36

1,1-Dichloropropene

Concen: 4.635 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW013330.D

Acq: 30 Sep 2019 14:00

Instrument :

MSVOA_W

ClientSampleId :

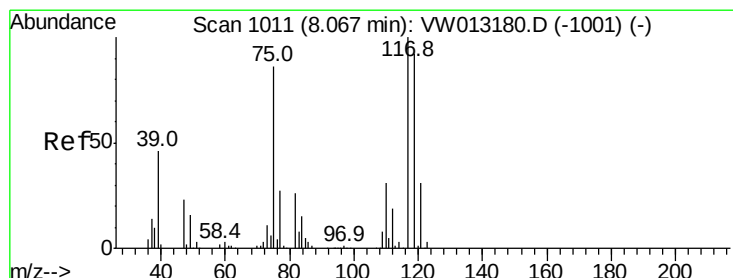
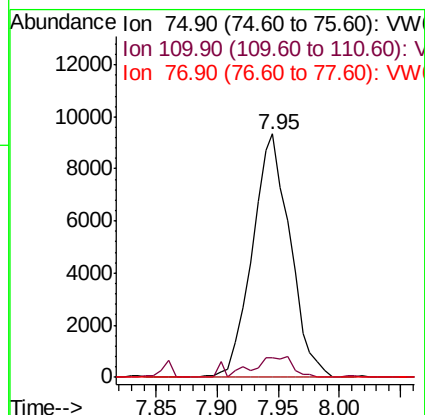
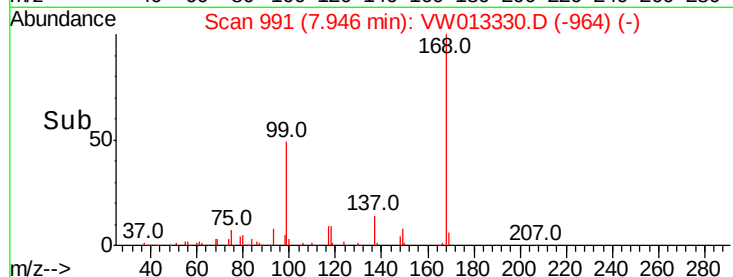
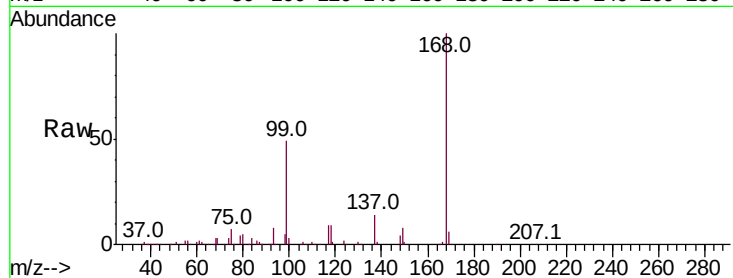
Tot Ion: 75 Resp: 19983

Ion Ratio Lower Upper

75 100

110 8.7 18.1 54.3#

77 0.0 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 6.719 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013330.D

Acq: 30 Sep 2019 14:00

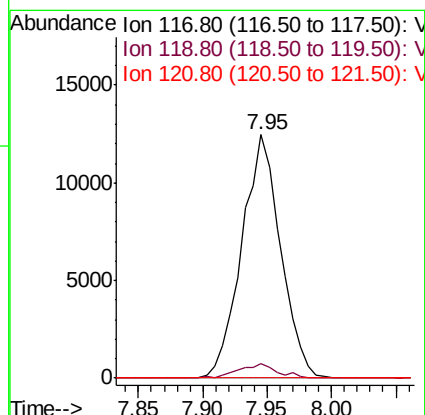
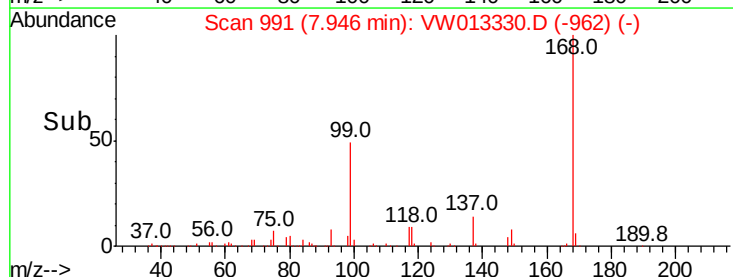
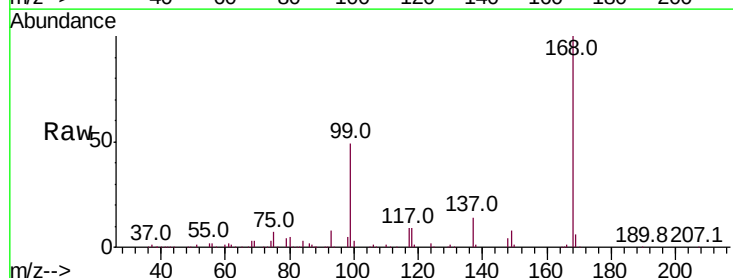
Tgt Ion: 117 Resp: 25964

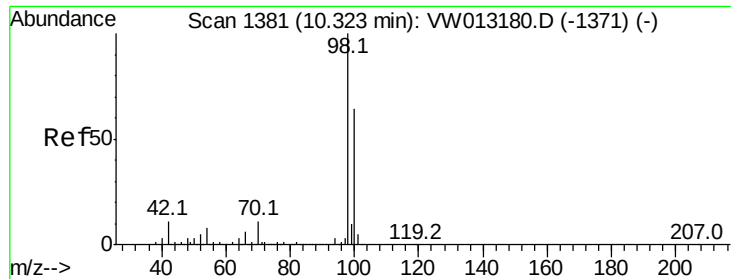
Ion Ratio Lower Upper

117 100

119 6.0 73.5 110.3#

121 0.0 25.0 37.6#

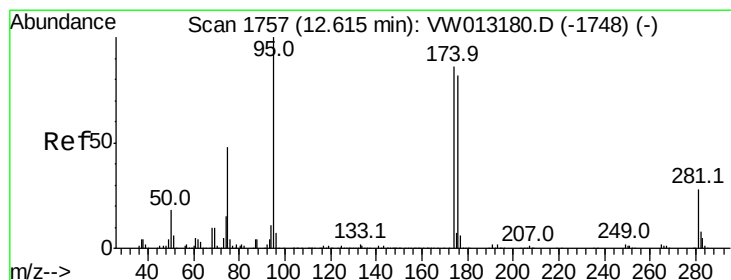
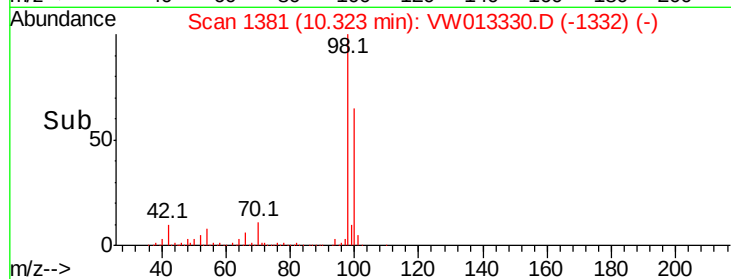
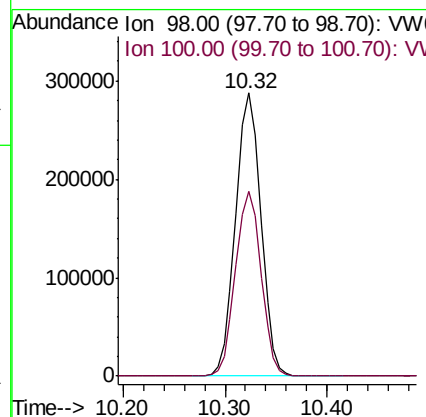
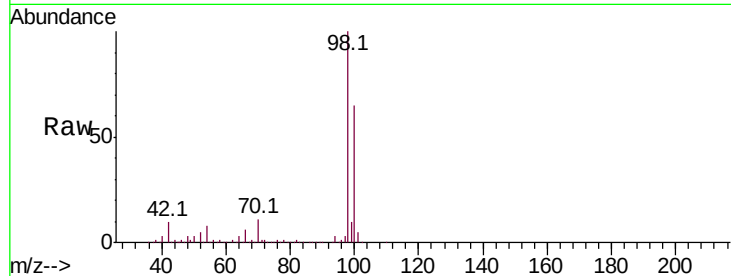




#50
Toluene-d8
Concen: 48.374 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013330.D
Acq: 30 Sep 2019 14:00

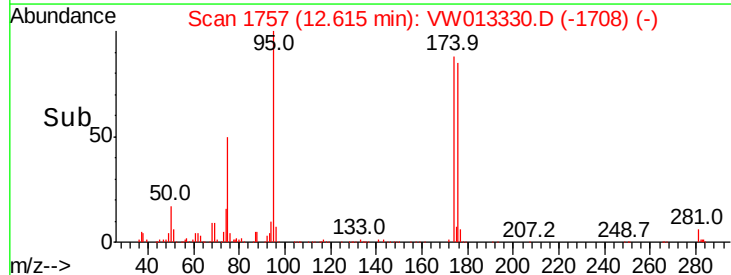
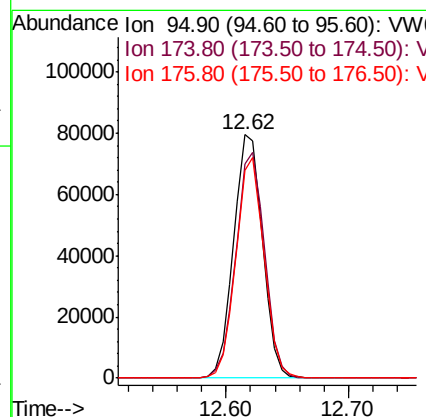
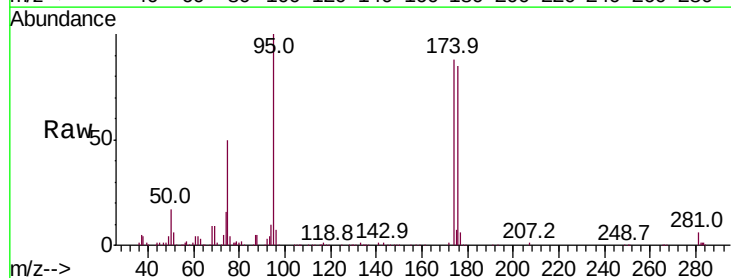
Instrument :
MSVOA_W
ClientSampleId :

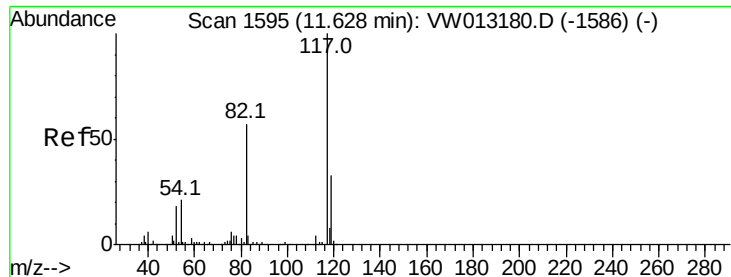
Tot Ion: 98 Resp: 495594
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 37.014 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013330.D
Acq: 30 Sep 2019 14:00

Tgt Ion: 95 Resp: 129533
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.4
176 88.0 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013330.D

Acq: 30 Sep 2019 14:00

Instrument :

MSVOA_W

ClientSampleId :

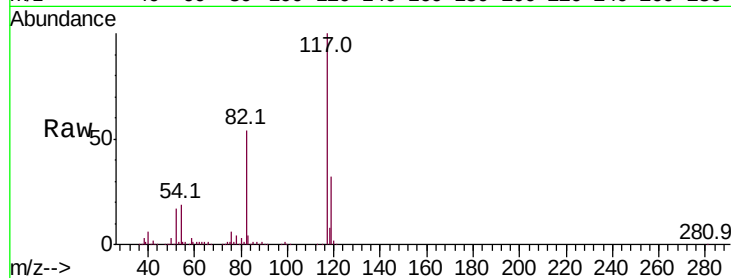
Tot Ion:117 Resp: 339931

Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

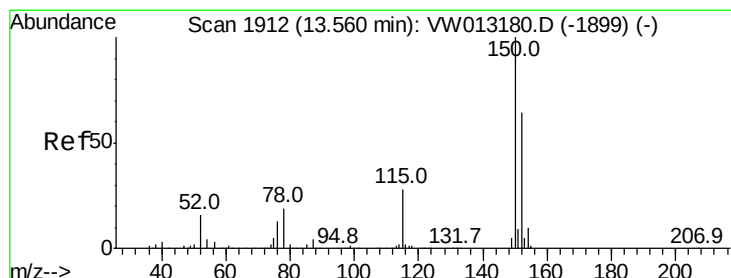
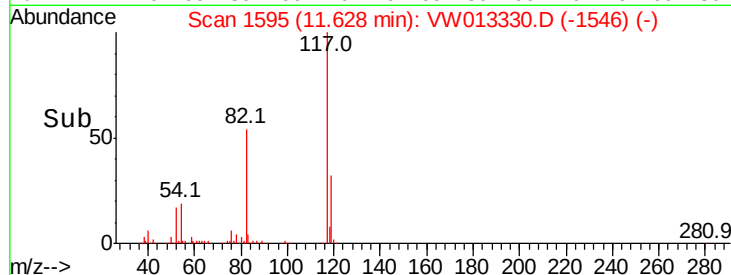
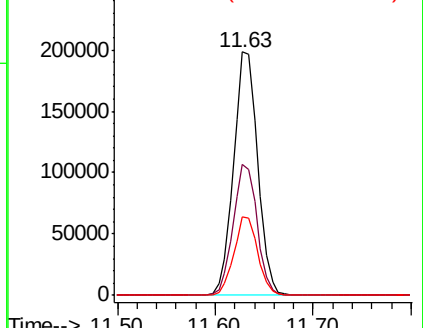
119 32.4 26.2 39.2



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: VW013330.D

Acq: 30 Sep 2019 14:00

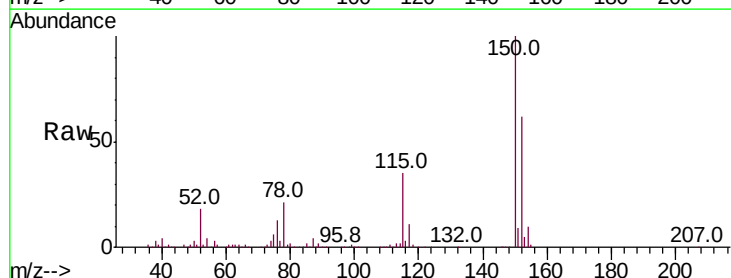
Tgt Ion:152 Resp: 113510

Ion Ratio Lower Upper

152 100

115 55.0 27.3 81.9

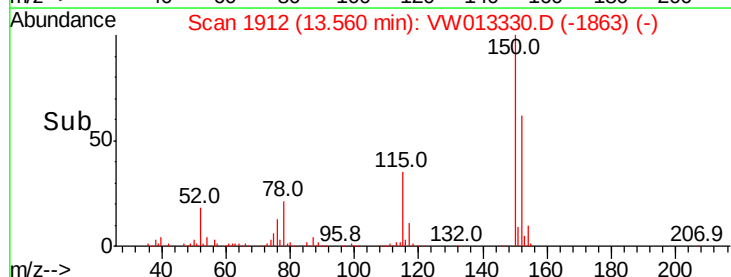
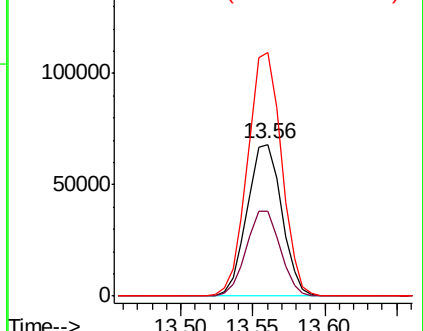
150 157.2 0.0 349.0

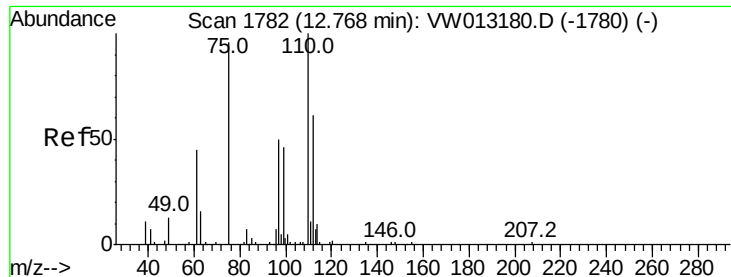


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 61.803 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013330.D

Acq: 30 Sep 2019 14:00

Instrument :

MSVOA_W

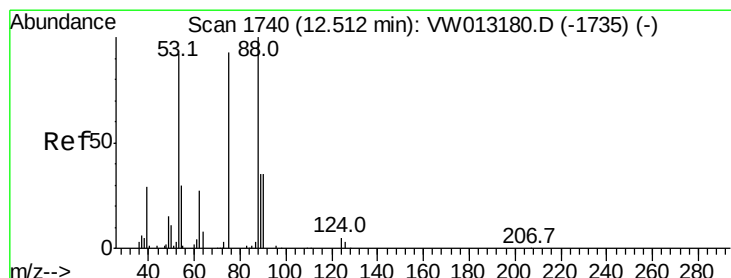
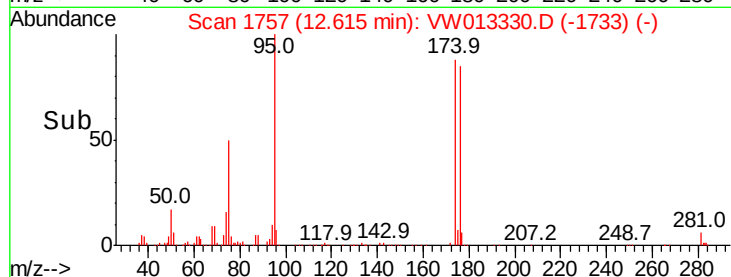
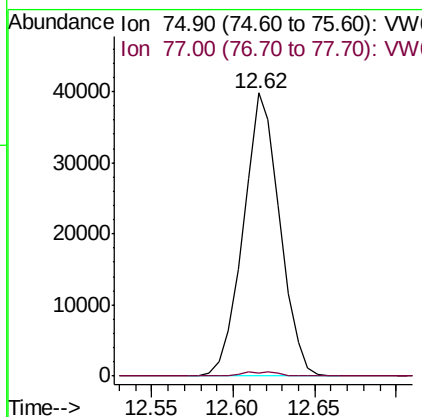
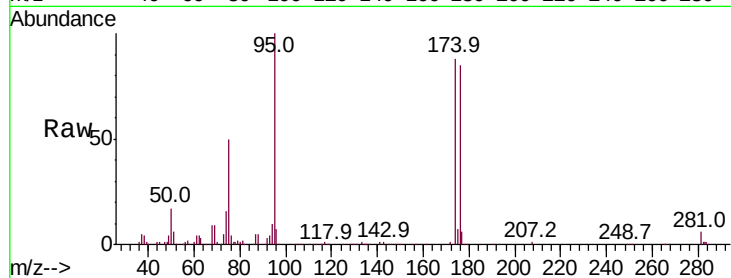
ClientSampleId :

Tot Ion: 75 Resp: 61954

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 138.681 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013330.D

Acq: 30 Sep 2019 14:00

Tgt Ion: 75 Resp: 61954

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.0 33.5 50.3#

