

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013704.D
 Acq On : 24 Oct 2019 08:45
 Operator : SY/VA
 Sample : K5503-14
 Misc : 5.30G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 10:53:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

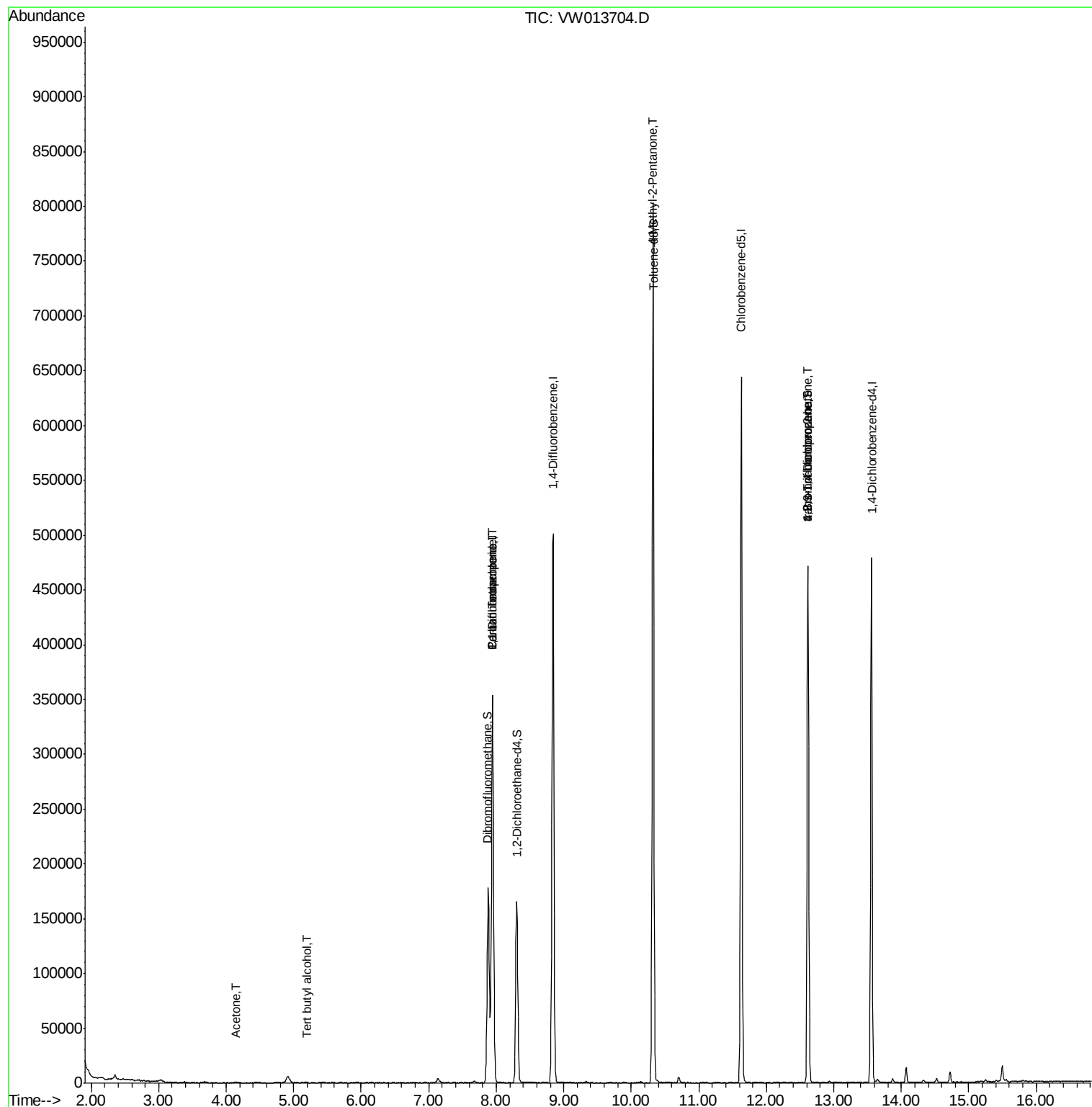
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	298669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	459036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	384784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	142911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	129332	57.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.44%	
35) Dibromofluoromethane	7.88	113	133825	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	10.32	98	539254	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.62	95	152837	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.18	59	196	1.465	ug/l #	71
16) Acetone	4.14	43	976	2.054	ug/l	93
20) Methylene Chloride	4.92	84	4982	Below Cal	#	93
36) 1,1-Dichloropropene	7.95	75	18039	4.220	ug/l #	50
38) Carbon Tetrachloride	7.94	117	25049	6.507	ug/l #	15
51) 4-Methyl-2-Pentanone	10.31	43	1884	1.210	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	71029	69.209	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71029	130.795	ug/l #	14

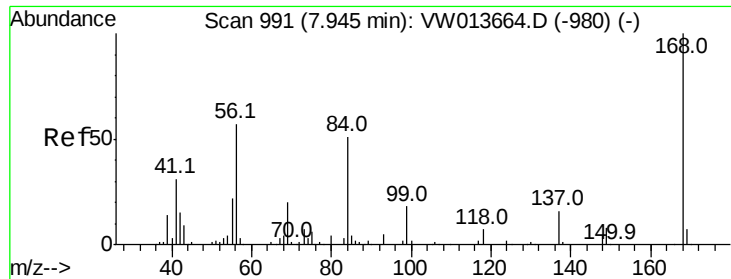
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 24 10:53:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 23 14:11:46 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: VW013704.D

Acq: 24 Oct 2019 08:45

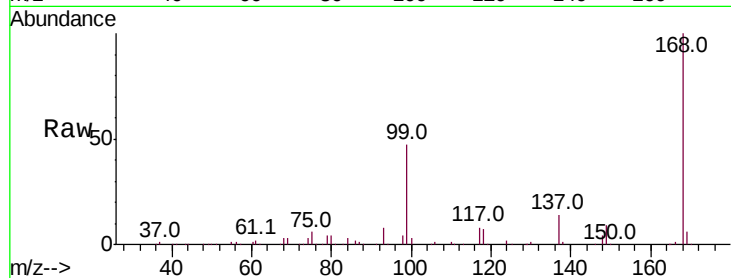
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 298669

Ion Ratio Lower Upper

168 100

99 46.8 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

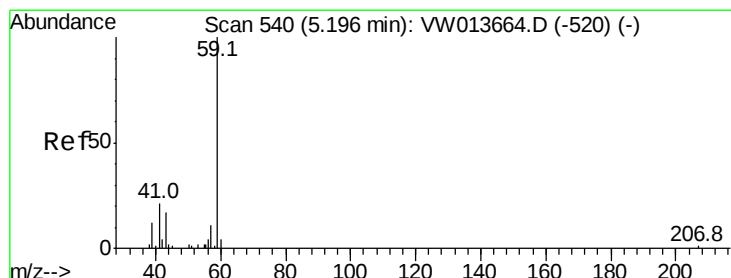
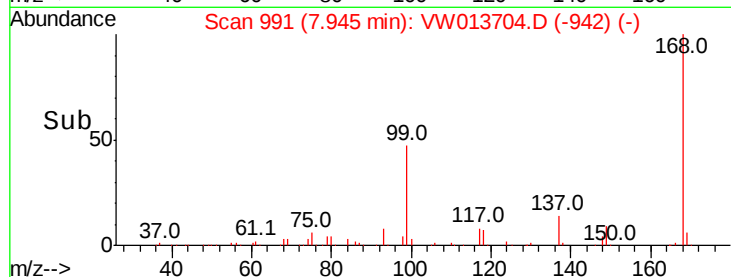
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 1.465 ug/l

RT: 5.18 min Scan# 538

Delta R.T. -0.01 min

Lab File: VW013704.D

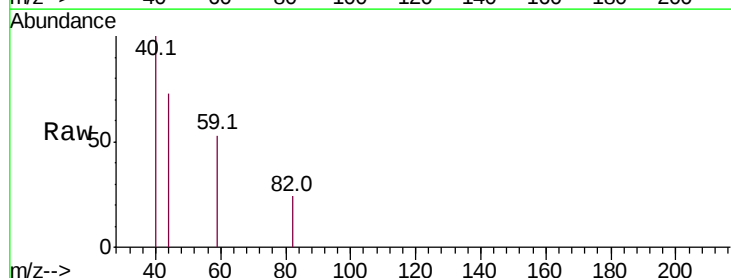
Acq: 24 Oct 2019 08:45

Tgt Ion: 59 Resp: 196

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

200

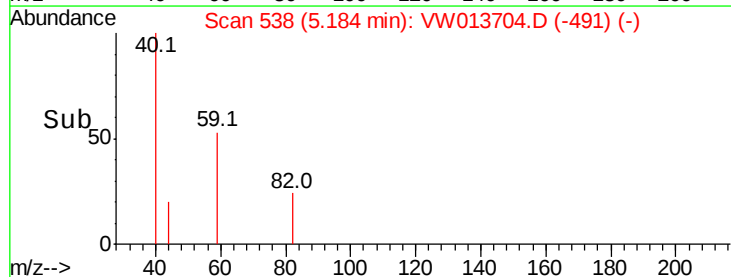
150

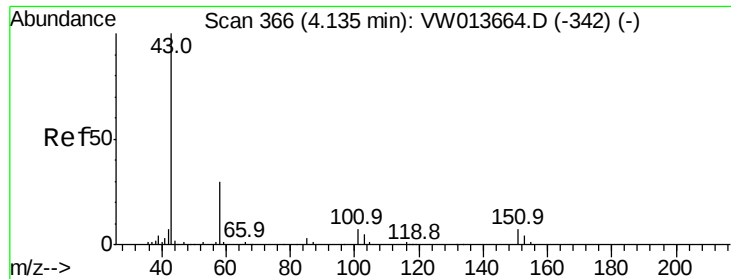
100

50

0

Time--> 5.14 5.16 5.18 5.20

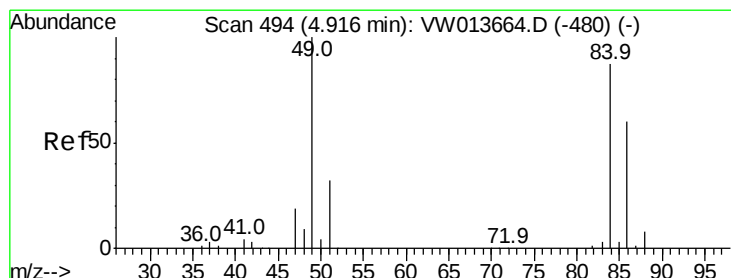
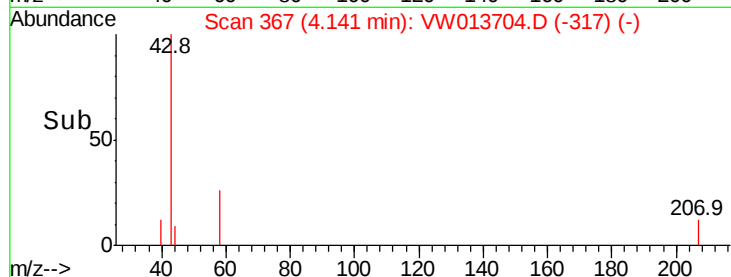
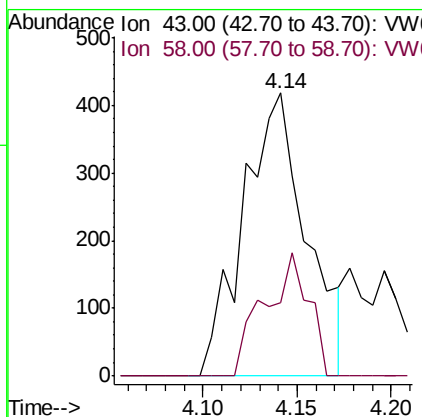
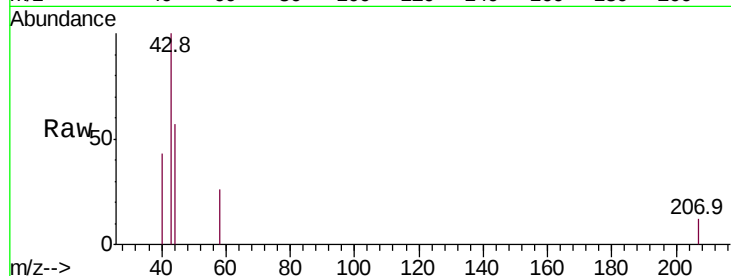




#16
Acetone
Concen: 2.054 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW013704.D
Acq: 24 Oct 2019 08:45

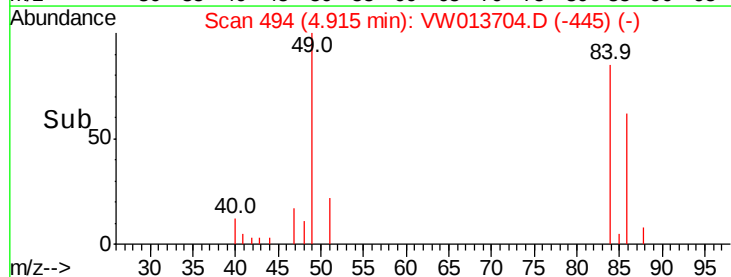
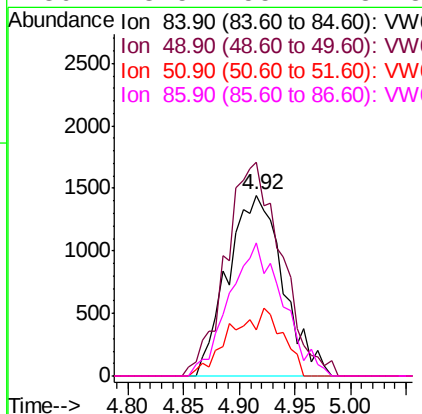
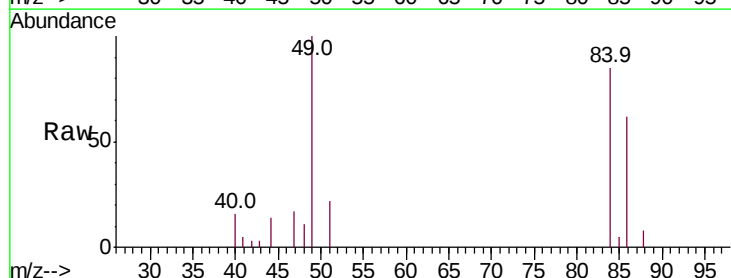
Instrument :
MSVOA_W
ClientSampleId :

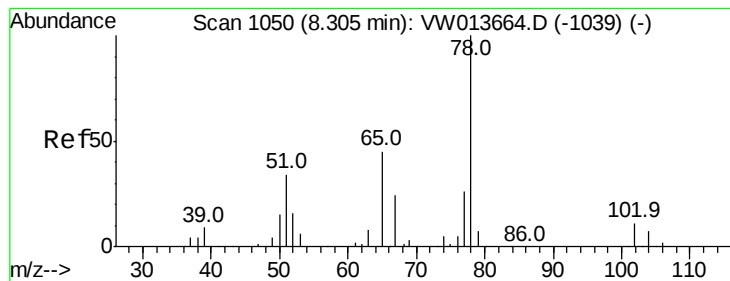
Tot Ion: 43 Resp: 976
Ion Ratio Lower Upper
43 100
58 26.1 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW013704.D
Acq: 24 Oct 2019 08:45

Tgt Ion: 84 Resp: 4982
Ion Ratio Lower Upper
84 100
49 118.0 91.8 137.6
51 25.6 29.8 44.6#
86 73.5 55.2 82.8





#33

1,2-Dichloroethane-d4

Concen: 57.724 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013704.D

Acq: 24 Oct 2019 08:45

Instrument :

MSVOA_W

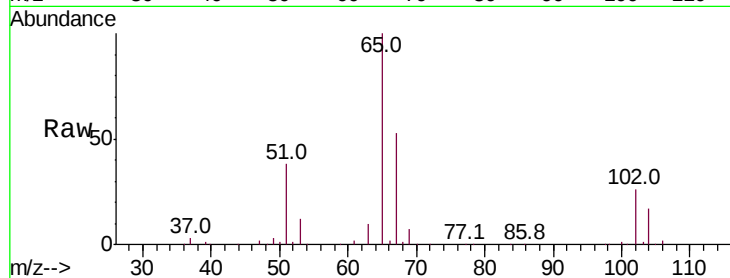
ClientSampleId :

Tot Ion: 65 Resp: 129332

Ion Ratio Lower Upper

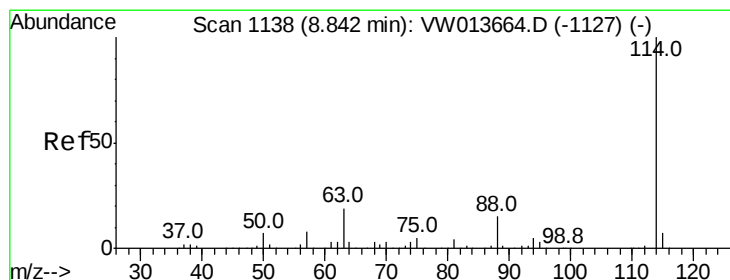
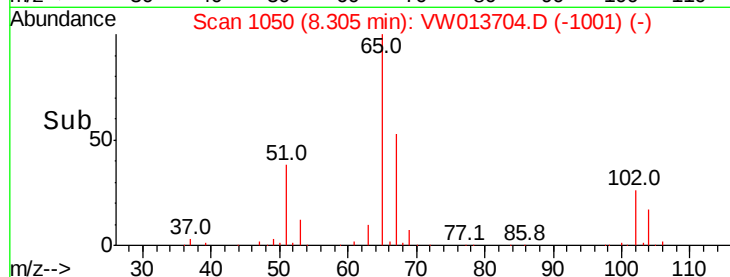
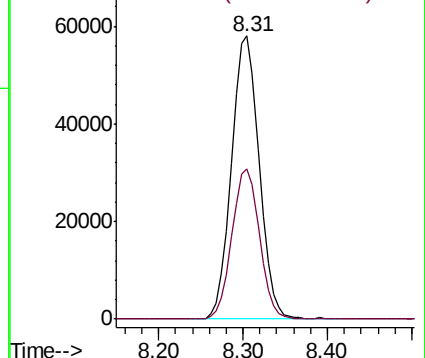
65 100

67 52.8 0.0 109.4



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: VW013704.D

Acq: 24 Oct 2019 08:45

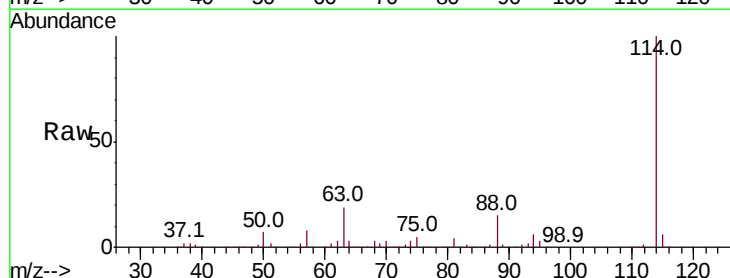
Tgt Ion: 114 Resp: 459036

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

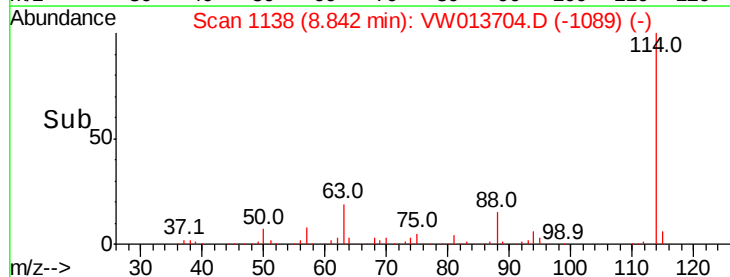
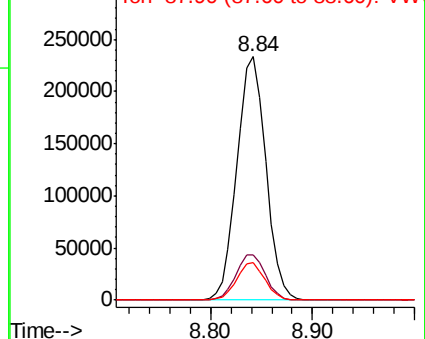
88 15.5 0.0 30.2

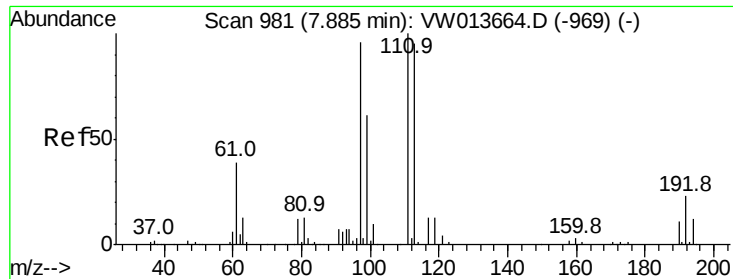


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

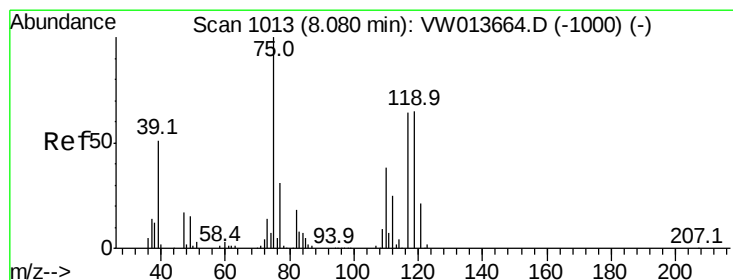
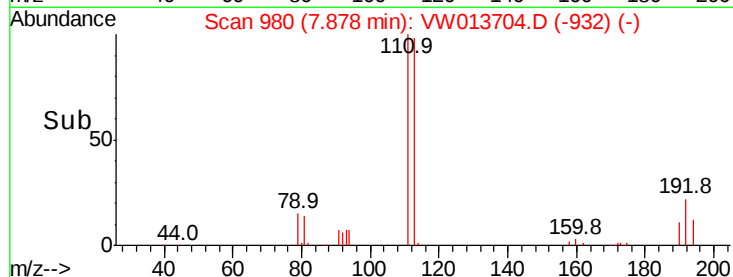
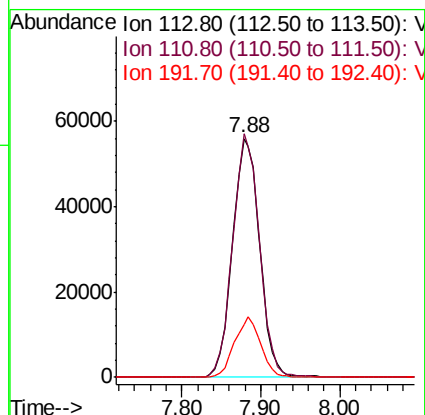
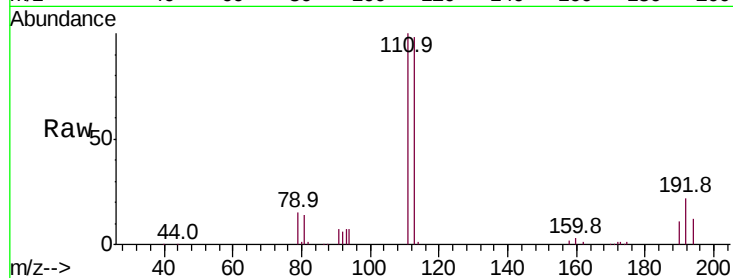




#35
Dibromofluoromethane
Concen: 52.467 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW013704.D
Acq: 24 Oct 2019 08:45

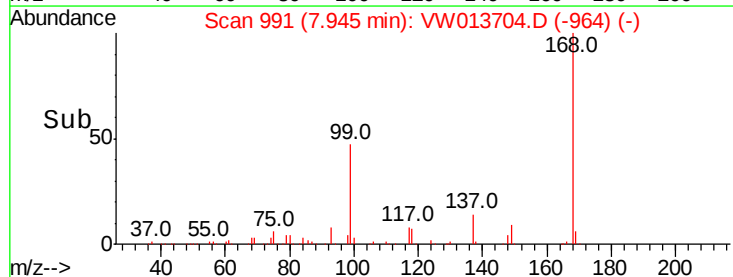
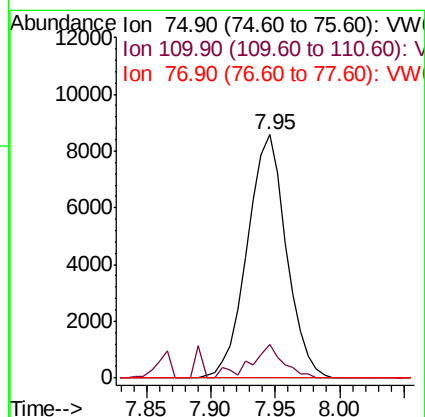
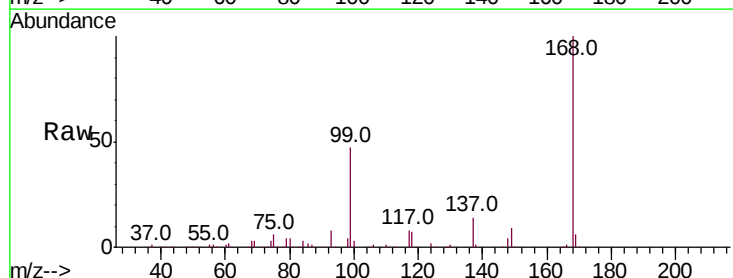
Instrument :
MSVOA_W
ClientSampleId :

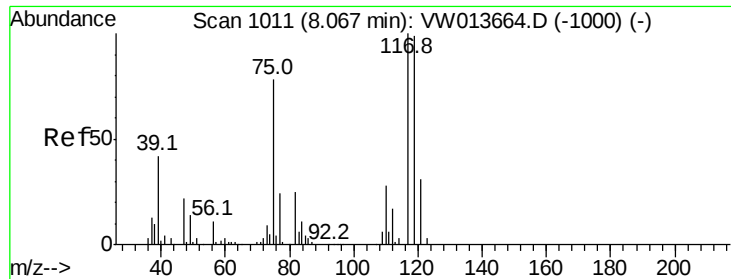
Tot Ion:113 Resp: 133825
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 24.3 19.4 29.2



#36
1,1-Dichloropropene
Concen: 4.220 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW013704.D
Acq: 24 Oct 2019 08:45

Tgt Ion: 75 Resp: 18039
Ion Ratio Lower Upper
75 100
110 11.5 18.7 56.1#
77 0.0 25.4 38.0#

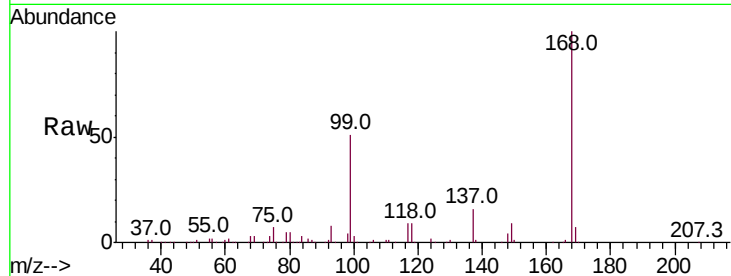




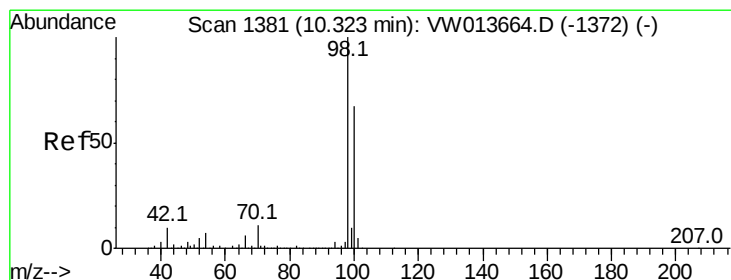
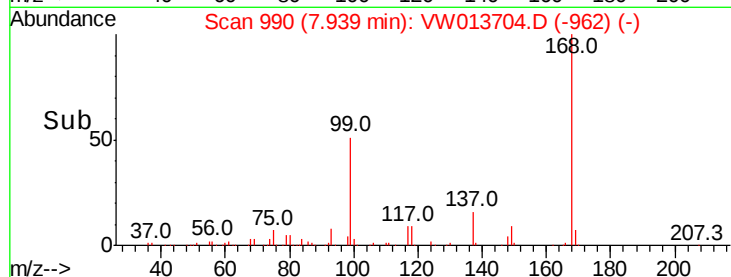
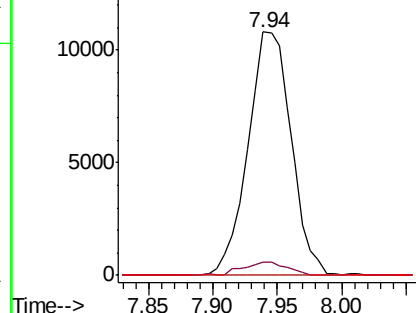
#38
Carbon Tetrachloride
Concen: 6.507 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW013704.D
Acq: 24 Oct 2019 08:45

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 25049
Ion Ratio Lower Upper
117 100
119 5.5 79.0 118.4#
121 0.0 24.5 36.7#

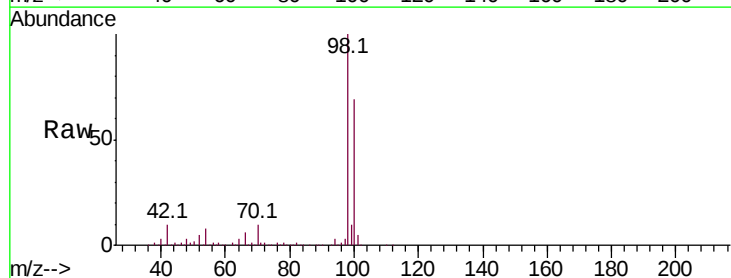


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

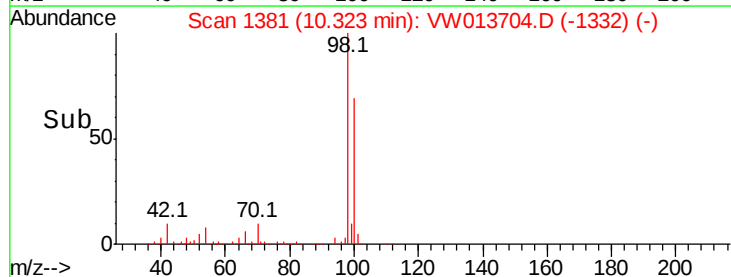
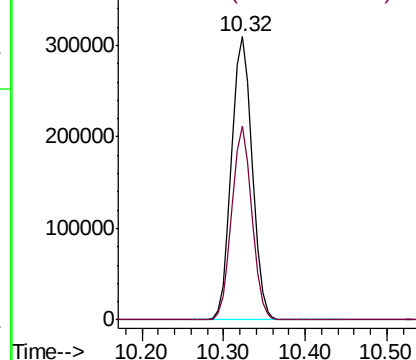


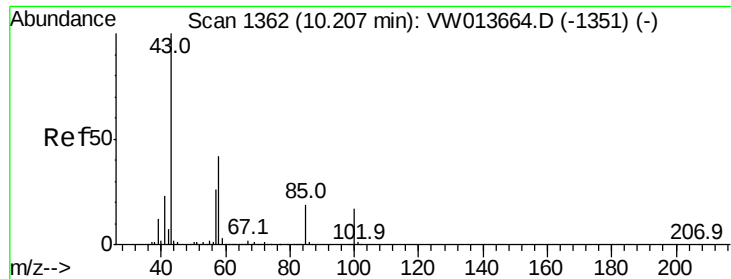
#50
Toluene-d8
Concen: 51.885 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013704.D
Acq: 24 Oct 2019 08:45

Tgt Ion: 98 Resp: 539254
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



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: 1.210 ug/l

RT: 10.31 min Scan# 1379

Delta R.T. 0.10 min

Lab File: VW013704.D

Acq: 24 Oct 2019 08:45

Instrument :

MSVOA_W

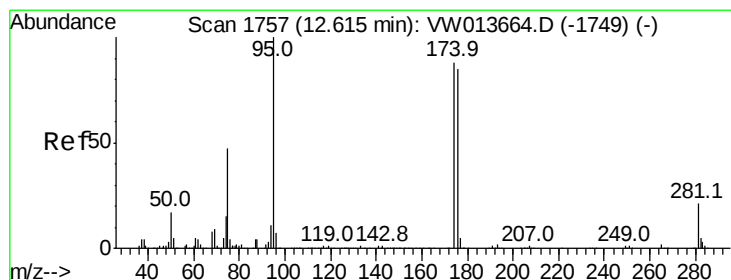
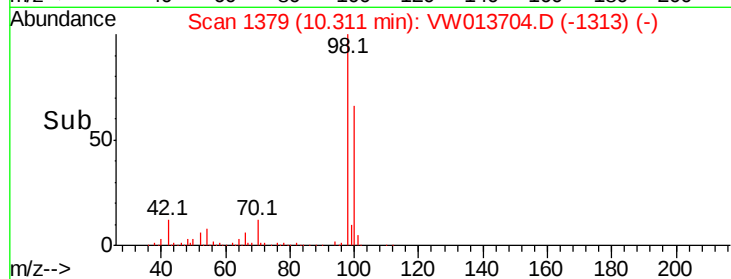
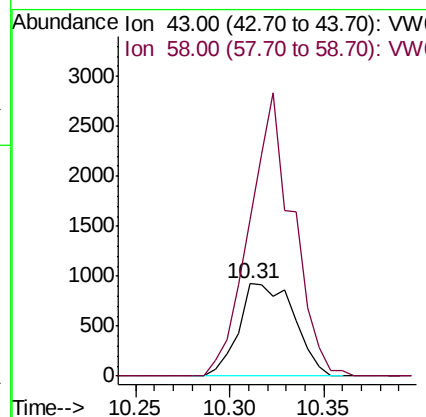
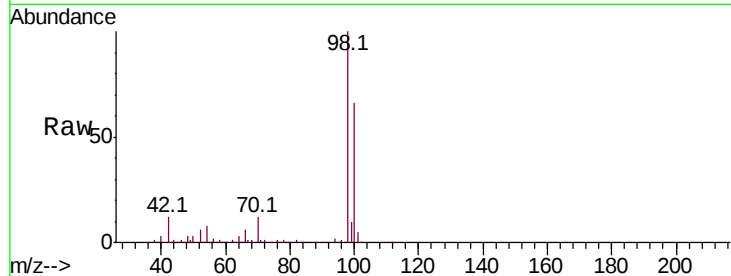
ClientSampleId :

Tot Ion: 43 Resp: 1884

Ion Ratio Lower Upper

43 100

58 241.8 32.6 49.0#



#62

4-Bromofluorobenzene

Concen: 43.429 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013704.D

Acq: 24 Oct 2019 08:45

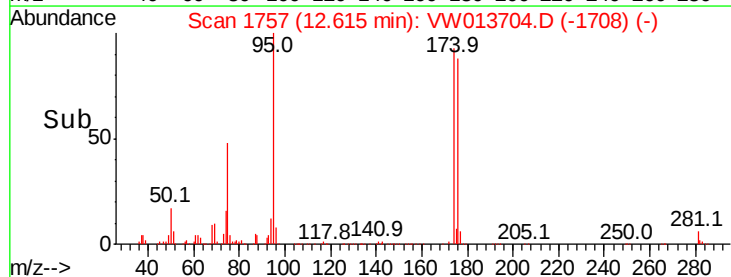
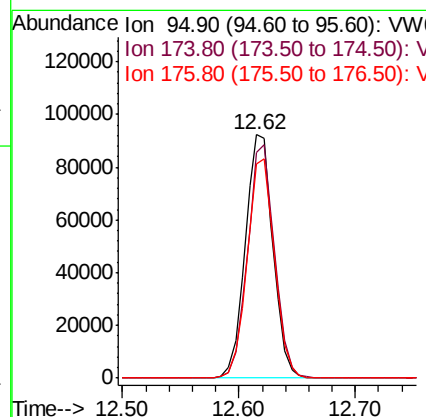
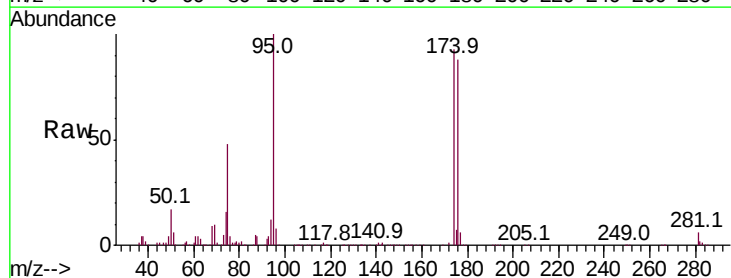
Tgt Ion: 95 Resp: 152837

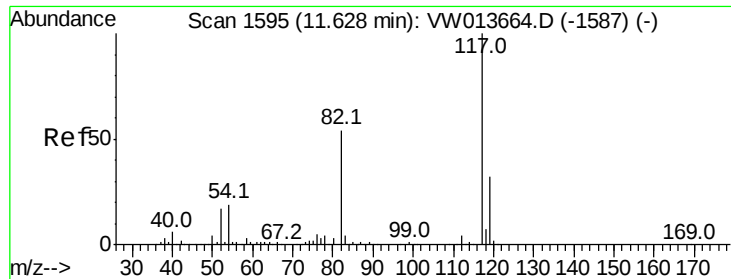
Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.6

176 89.3 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013704.D

Acq: 24 Oct 2019 08:45

Instrument :

MSVOA_W

ClientSampled :

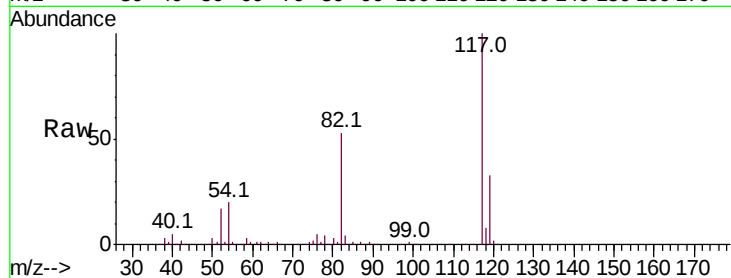
Tot Ion:117 Resp: 384784

Ion Ratio Lower Upper

117 100

82 53.4 43.6 65.4

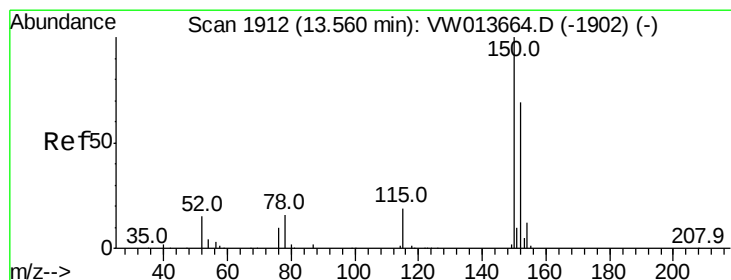
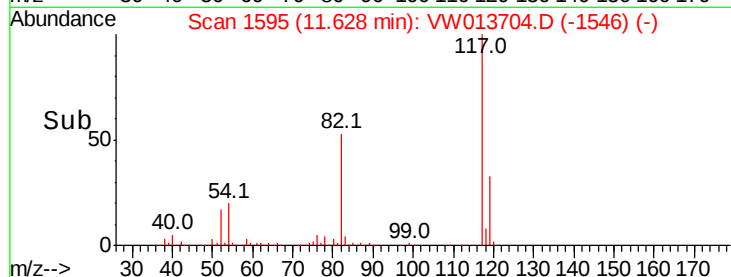
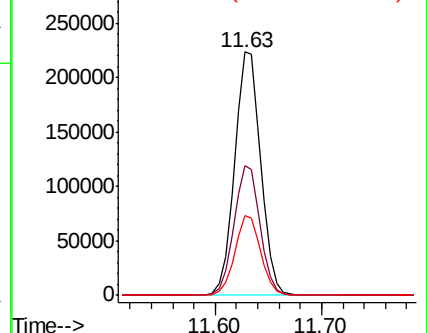
119 33.0 25.4 38.2



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: VW013704.D

Acq: 24 Oct 2019 08:45

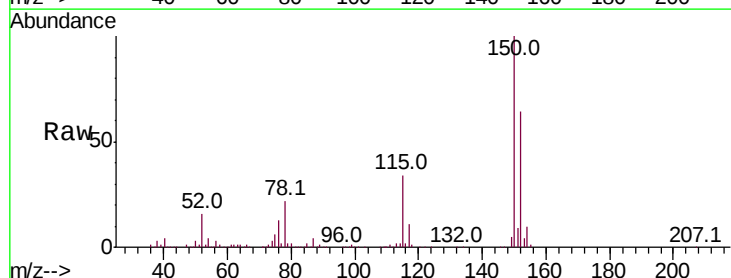
Tgt Ion:152 Resp: 142911

Ion Ratio Lower Upper

152 100

115 54.3 27.4 82.2

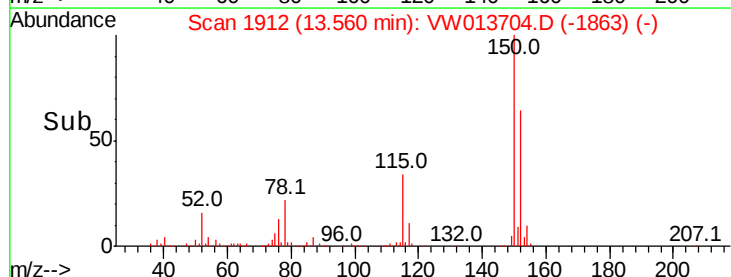
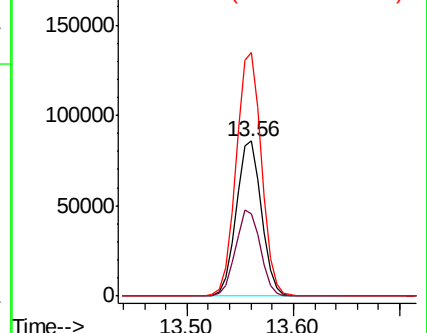
150 157.1 0.0 345.4

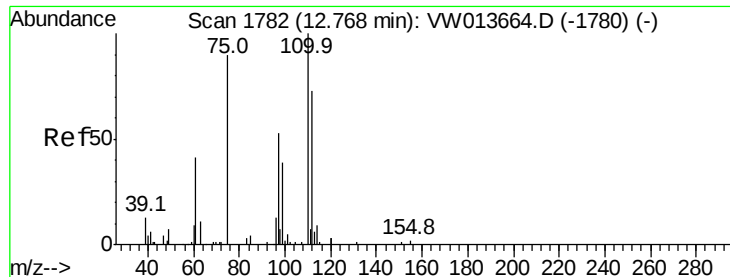


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

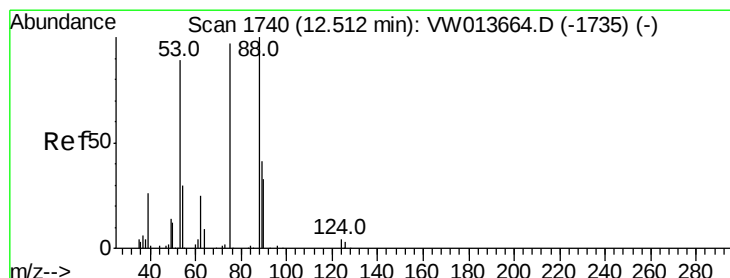
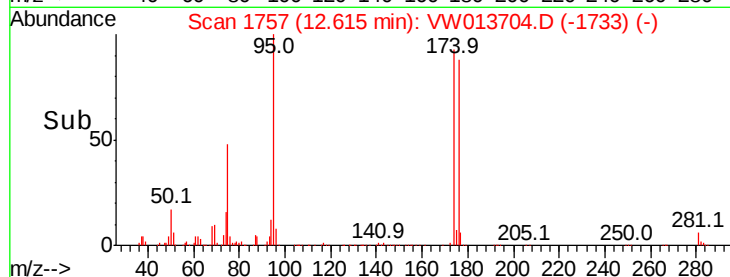
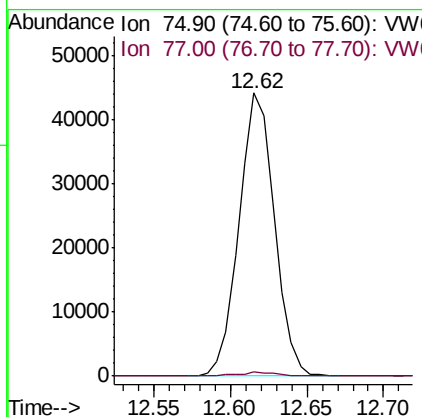
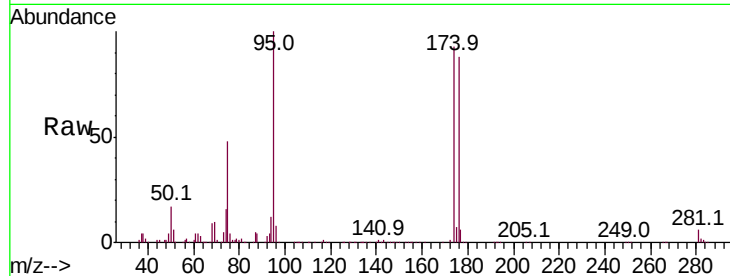




#76
 1,2,3-Trichloropropane
 Concen: 69.209 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013704.D
 Acq: 24 Oct 2019 08:45

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 71029
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.795 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013704.D
 Acq: 24 Oct 2019 08:45

Tgt Ion: 75 Resp: 71029
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.2 35.8 53.8#

