

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013695.D
 Acq On : 24 Oct 2019 04:50
 Operator : SY/VA
 Sample : K5502-16
 Misc : 4.12G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 07:32:41 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

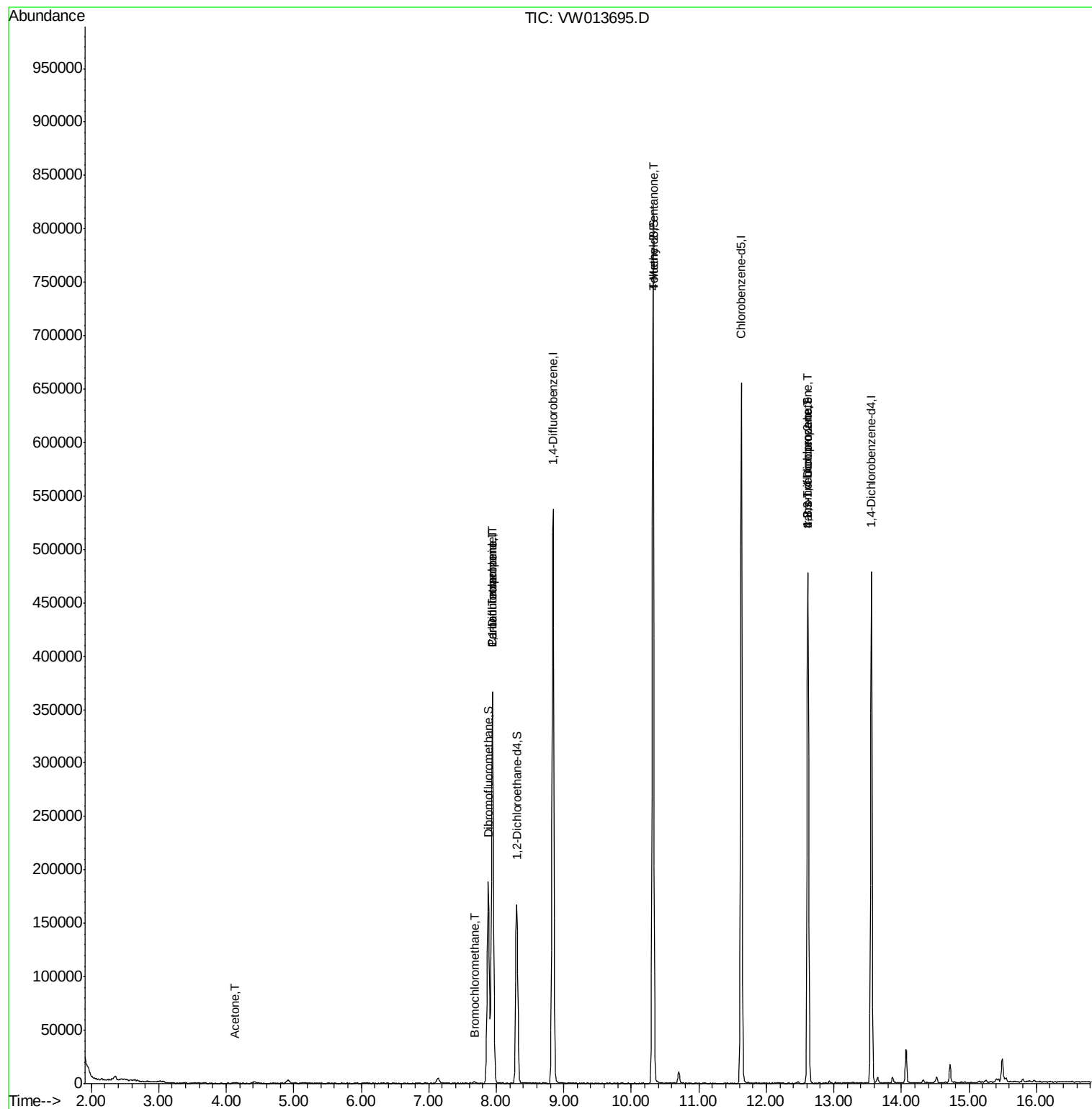
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	306218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	475711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	393315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135669	59.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.12%	
35) Dibromofluoromethane	7.88	113	137253	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	10.32	98	555721	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.61	95	153644	42.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.26%	
Target Compounds						
16) Acetone	4.13	43	1461	3.000	ug/l	94
20) Methylene Chloride	4.91	84	2548	Below Cal		94
28) Bromochloromethane	7.68	49	53	1.370	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	19375	4.373	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25733	6.450	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	2058	1.276	ug/l #	1
76) 1,2,3-Trichloropropane	12.61	75	73089	72.427	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.61	75	73089	136.876	ug/l #	14

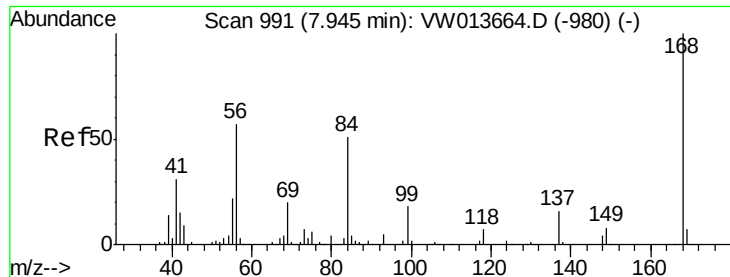
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :

Quant Time: Oct 24 07:32:41 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: VW013695.D

Acq: 24 Oct 2019 04:50

Instrument :

MSVOA_W

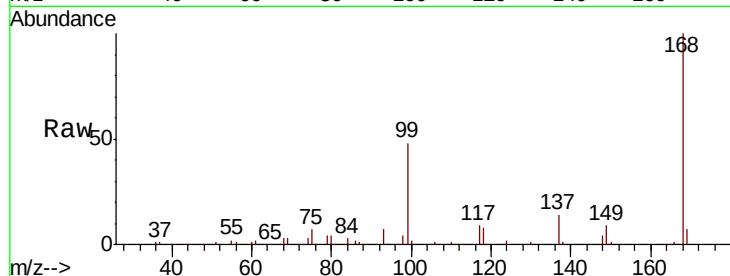
ClientSampleId :

Tot Ion:168 Resp: 306218

Ion Ratio Lower Upper

168 100

99 47.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

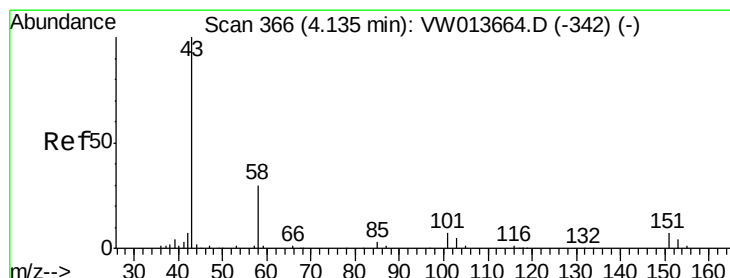
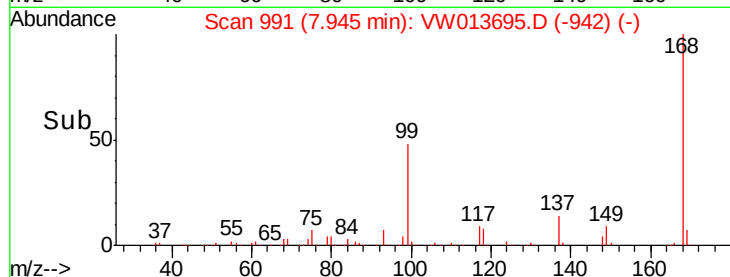
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 3.000 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.00 min

Lab File: VW013695.D

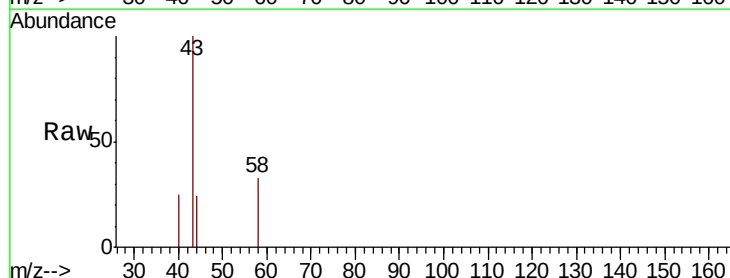
Acq: 24 Oct 2019 04:50

Tgt Ion: 43 Resp: 1461

Ion Ratio Lower Upper

43 100

58 33.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

600

500

400

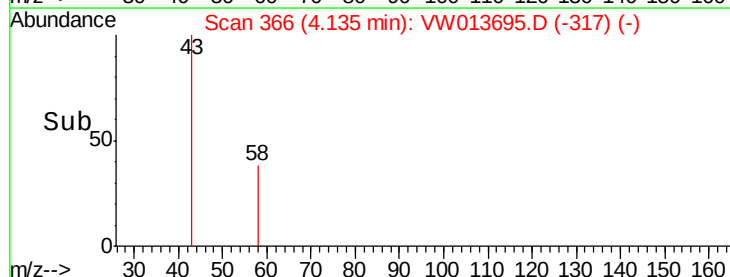
300

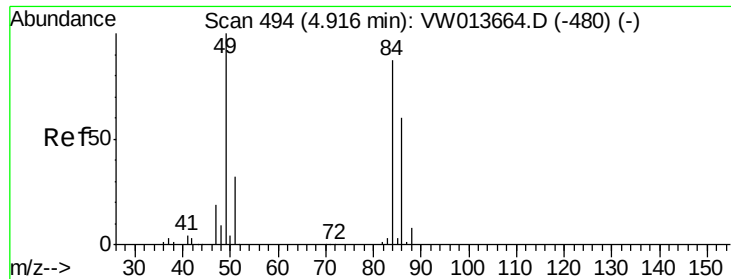
200

100

0

Time--> 4.05 4.10 4.15 4.20





#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW013695.D

Acq: 24 Oct 2019 04:50

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 84 Resp: 2548

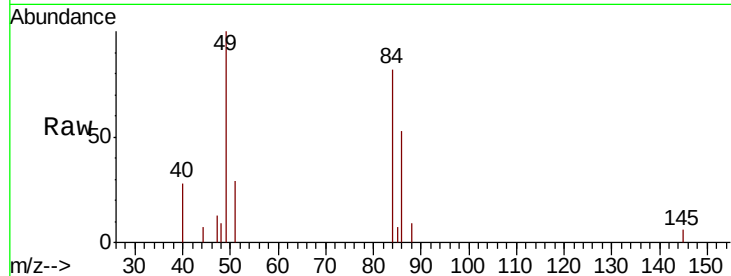
Ion Ratio Lower Upper

84 100

49 121.5 91.8 137.6

51 34.8 29.8 44.6

86 64.0 55.2 82.8



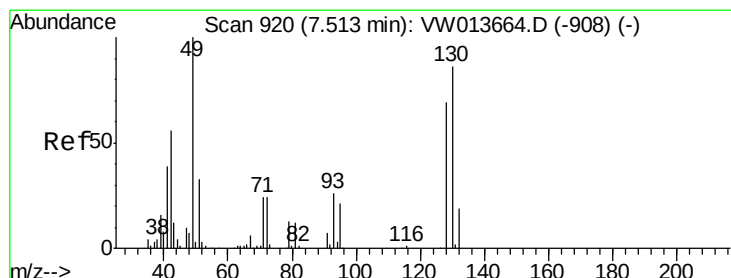
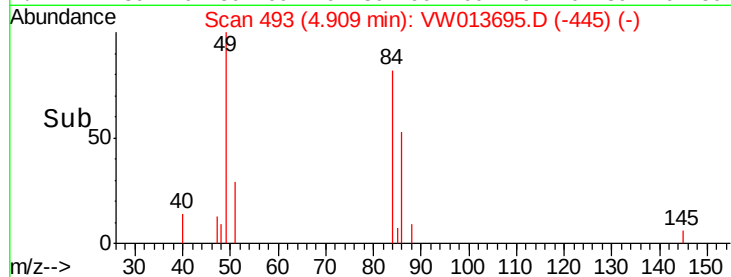
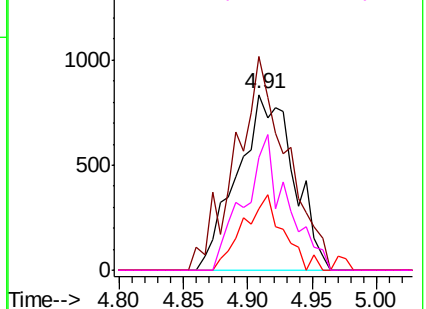
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#28

Bromochloromethane

Concen: 1.370 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.17 min

Lab File: VW013695.D

Acq: 24 Oct 2019 04:50

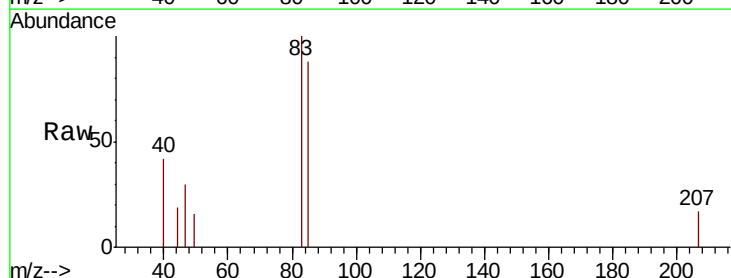
Tgt Ion: 49 Resp: 53

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

130 0.0 67.5 101.3#

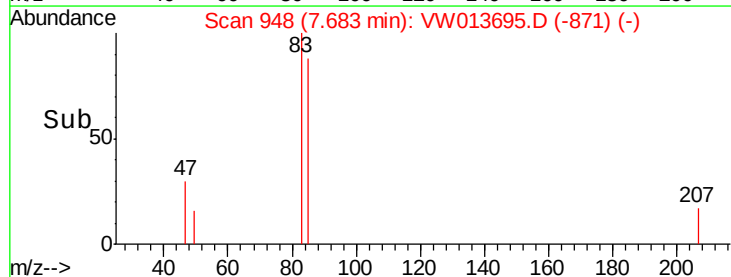
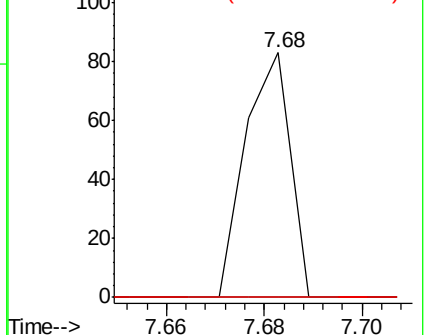


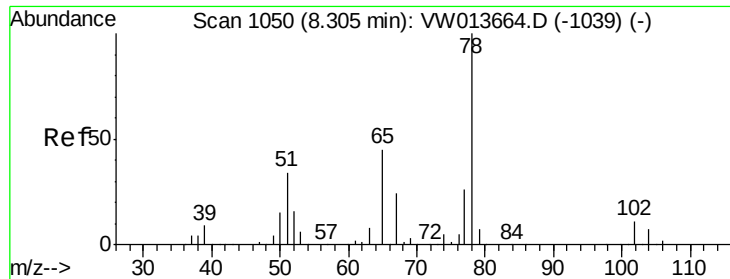
Abundance

Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

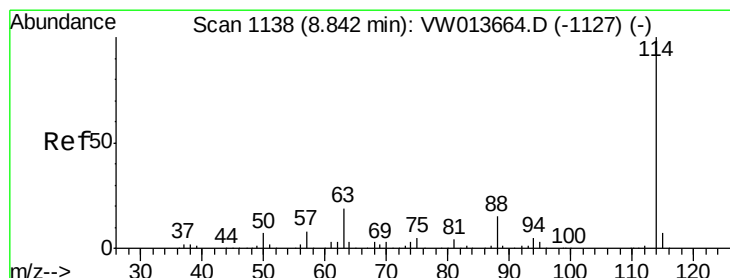
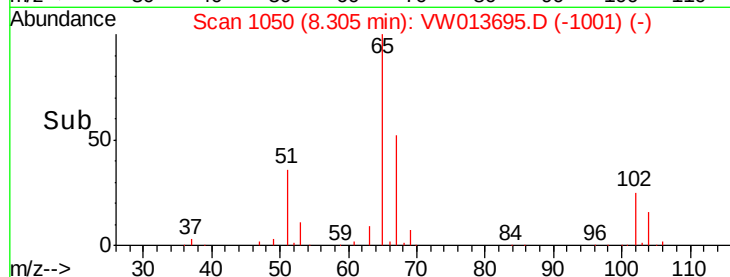
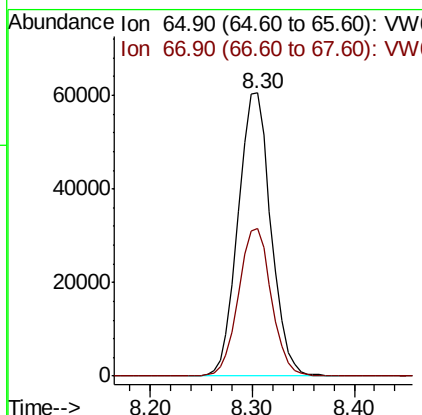
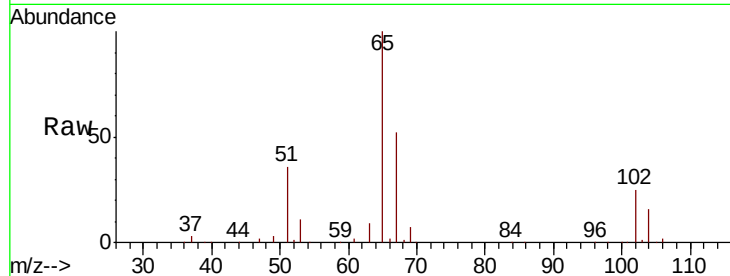




#33
 1,2-Dichloroethane-d4
 Concen: 59.060 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013695.D
 Acq: 24 Oct 2019 04:50

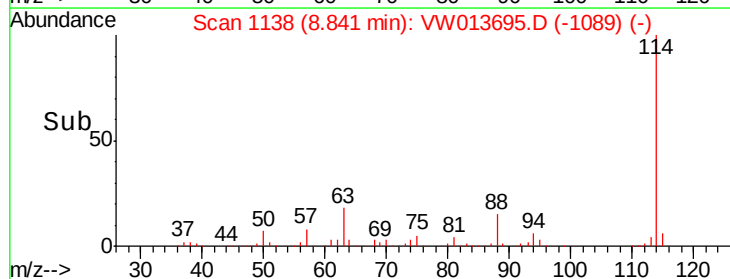
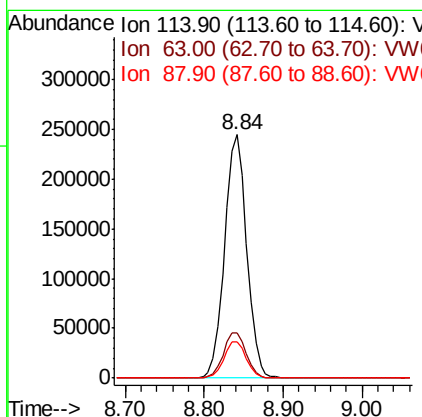
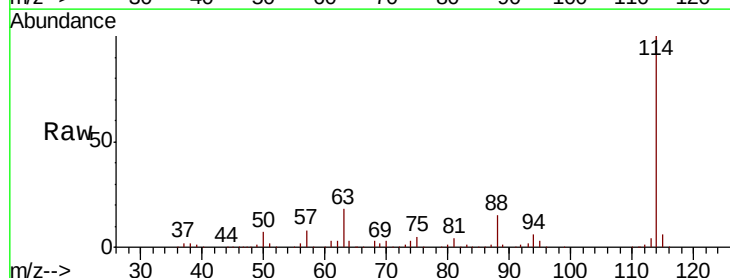
Instrument :
 MSVOA_W
 ClientSampleId :

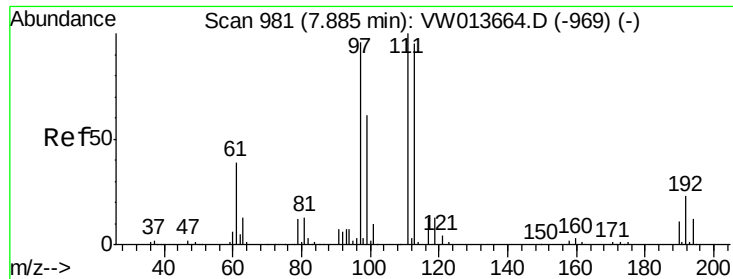
Tot Ion: 65 Resp: 135669
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013695.D
 Acq: 24 Oct 2019 04:50

Tgt Ion: 114 Resp: 475711
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 37.6
 88 14.9 0.0 30.2

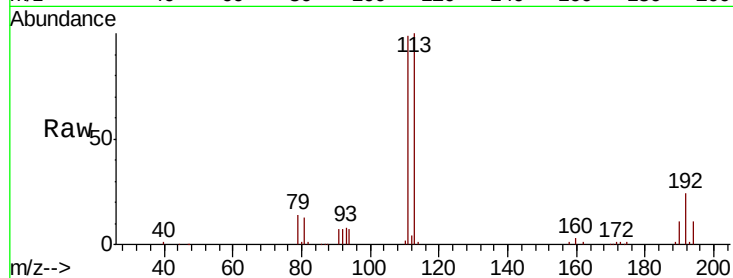




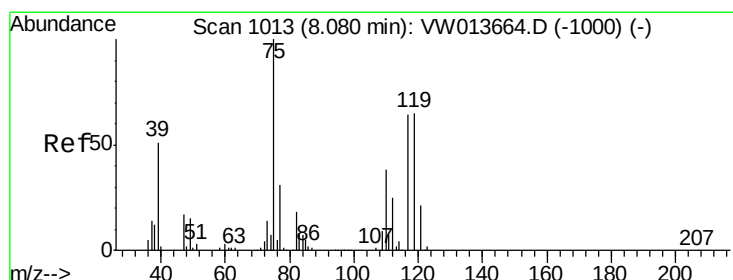
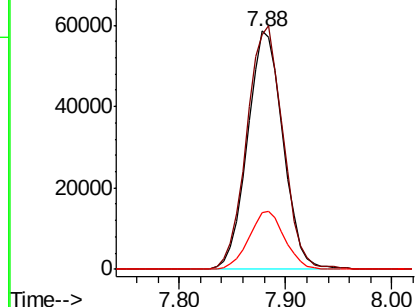
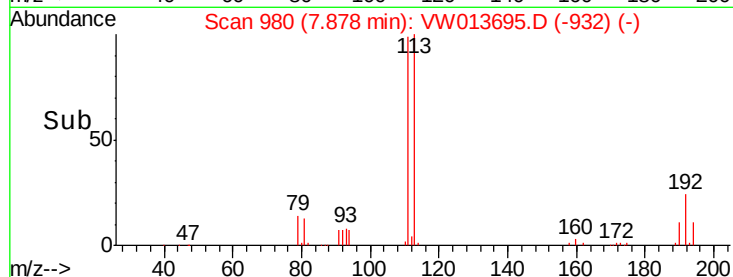
#35
 Dibromofluoromethane
 Concen: 51.925 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013695.D
 Acq: 24 Oct 2019 04:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 137253
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.0 124.6
 192 24.4 19.4 29.2

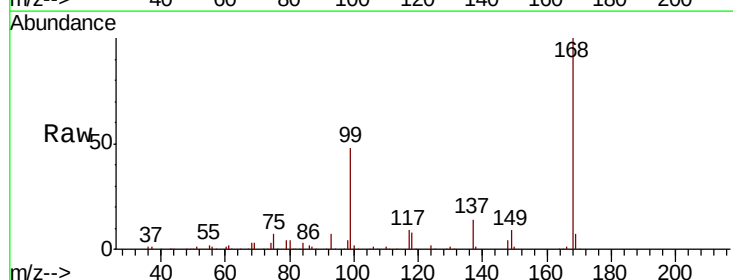


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

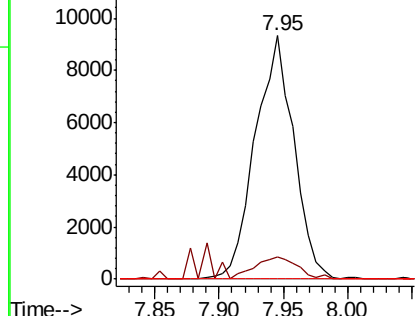
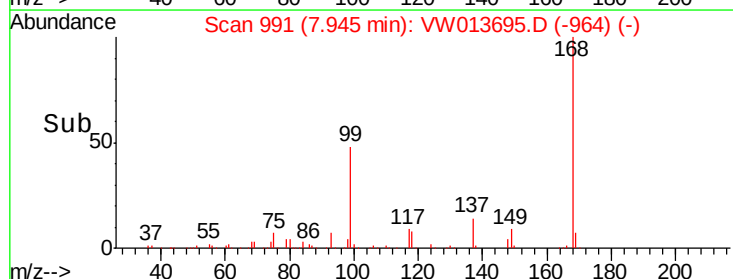


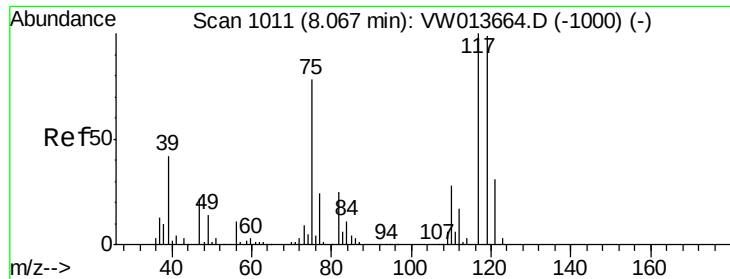
#36
 1,1-Dichloropropene
 Concen: 4.373 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013695.D
 Acq: 24 Oct 2019 04:50

Tgt Ion: 75 Resp: 19375
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.7 56.1#
 77 0.0 25.4 38.0#



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: 6.450 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013695.D

Acq: 24 Oct 2019 04:50

Instrument :

MSVOA_W

ClientSampleId :

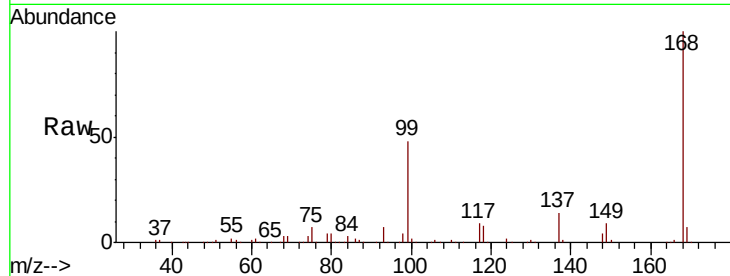
Tot Ion:117 Resp: 25733

Ion Ratio Lower Upper

117 100

119 5.6 79.0 118.4#

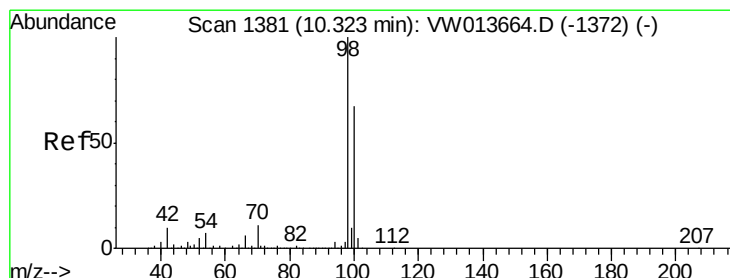
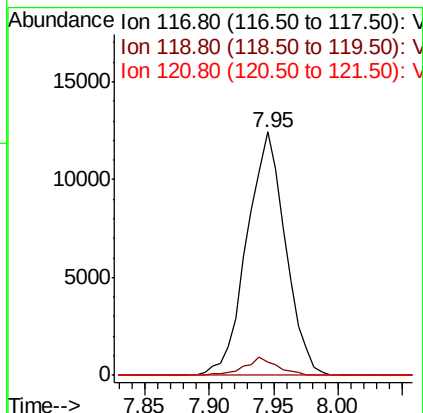
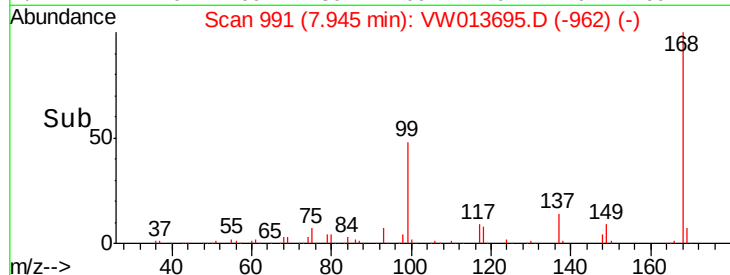
121 0.0 24.5 36.7#



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: 51.595 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013695.D

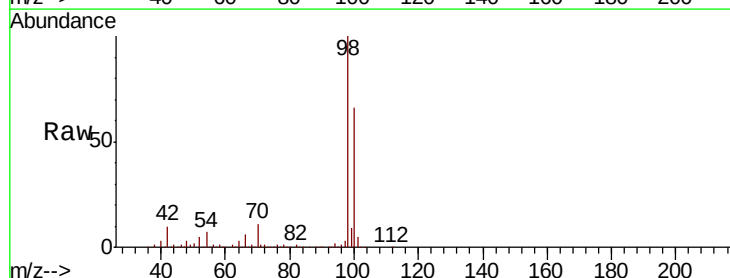
Acq: 24 Oct 2019 04:50

Tgt Ion: 98 Resp: 555721

Ion Ratio Lower Upper

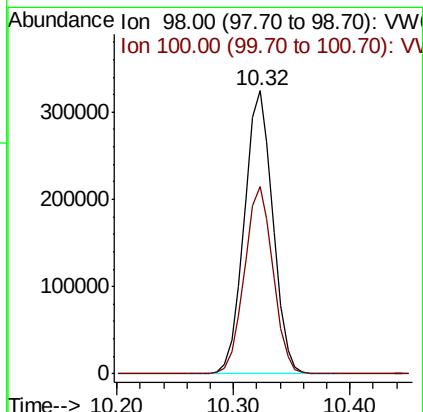
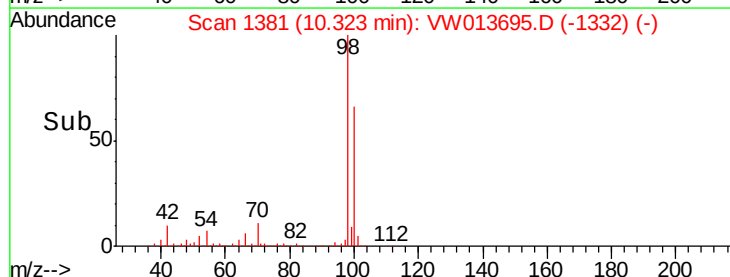
98 100

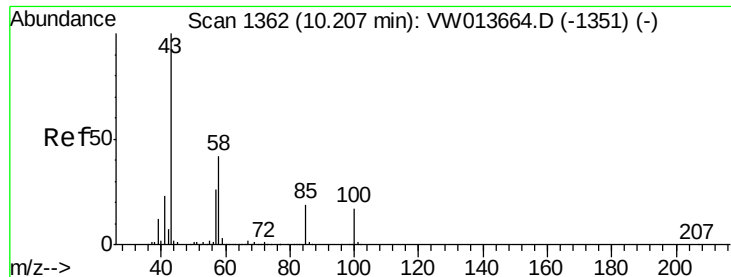
100 66.4 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

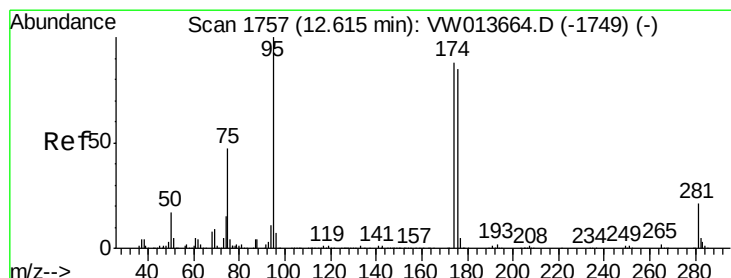
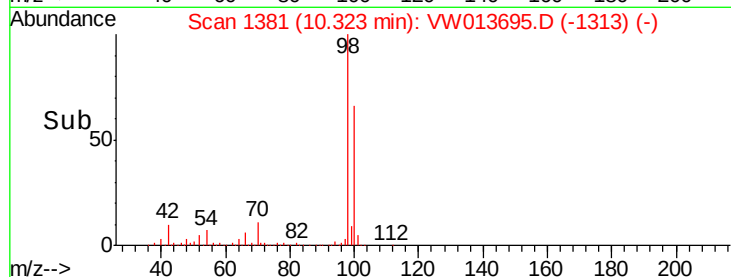
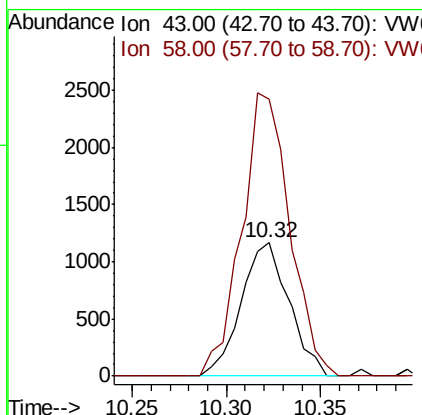
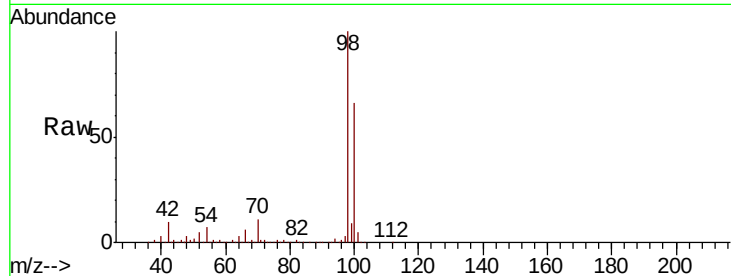




#51
4-Methyl-2-Pentanone
Concen: 1.276 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.12 min
Lab File: VW013695.D
Acq: 24 Oct 2019 04:50

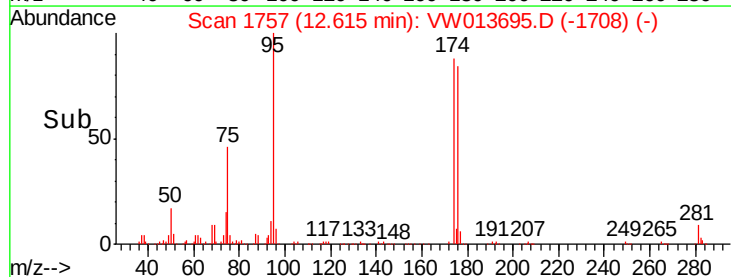
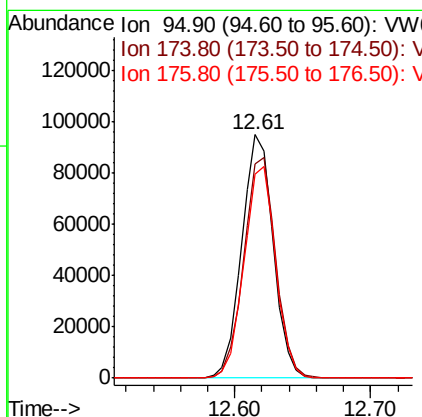
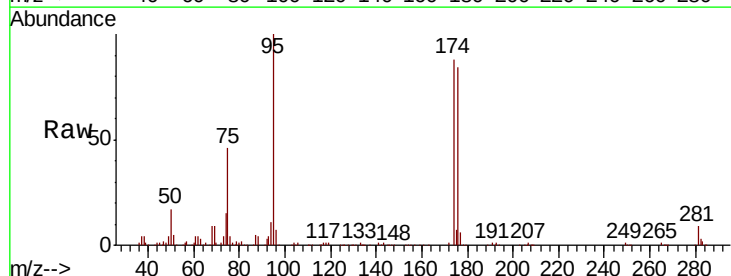
Instrument :
MSVOA_W
ClientSampled :

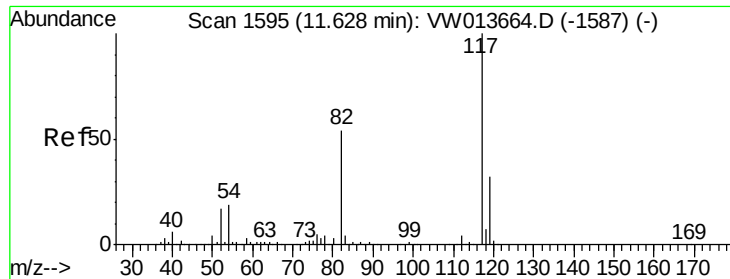
Tot Ion: 43 Resp: 2058
Ion Ratio Lower Upper
43 100
58 212.4 32.6 49.0#



#62
4-Bromofluorobenzene
Concen: 42.128 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013695.D
Acq: 24 Oct 2019 04:50

Tgt Ion: 95 Resp: 153644
Ion Ratio Lower Upper
95 100
174 92.1 0.0 183.6
176 87.6 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: VW013695.D

Acq: 24 Oct 2019 04:50

Instrument :

MSVOA_W

ClientSampleId :

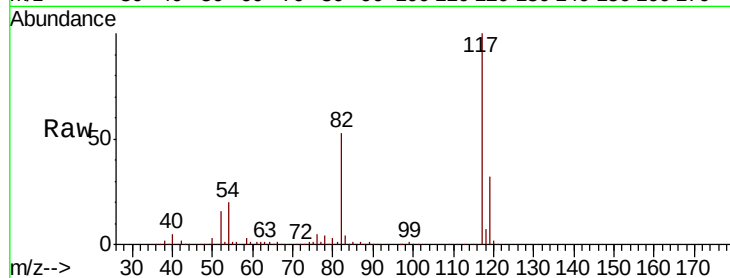
Tot Ion:117 Resp: 393315

Ion Ratio Lower Upper

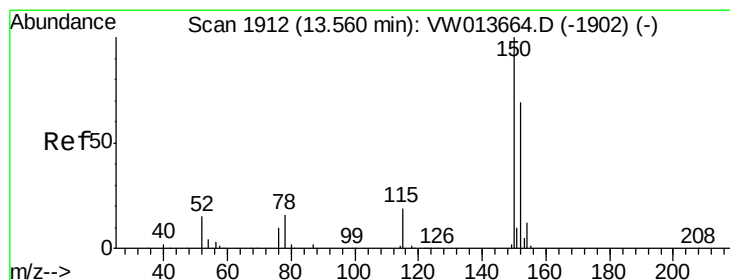
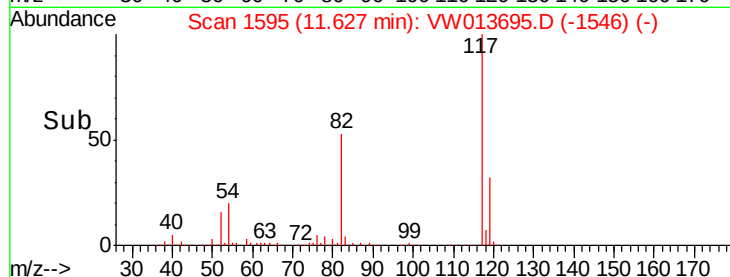
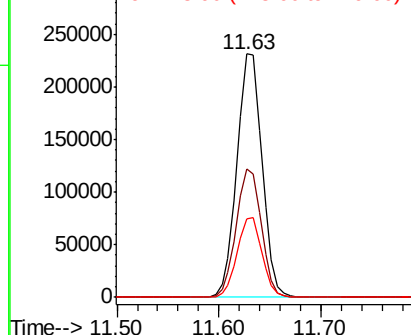
117 100

82 53.0 43.6 65.4

119 32.2 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: VW013695.D

Acq: 24 Oct 2019 04:50

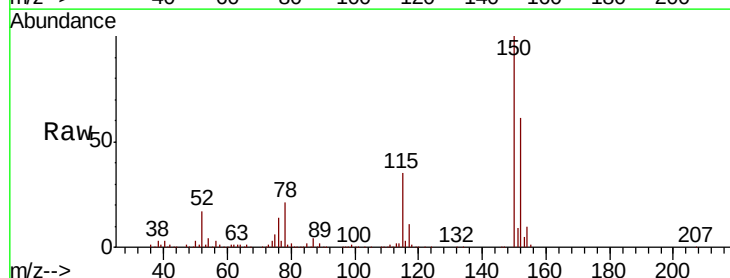
Tgt Ion:152 Resp: 140522

Ion Ratio Lower Upper

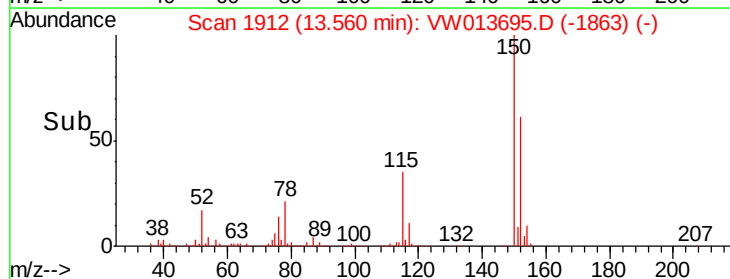
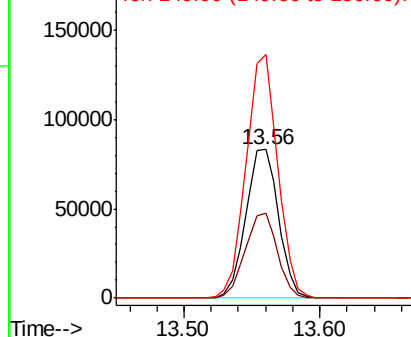
152 100

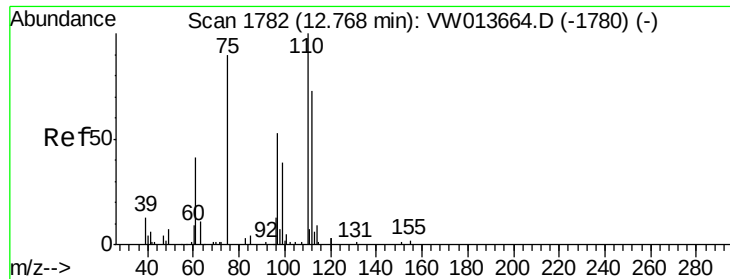
115 56.5 27.4 82.2

150 158.1 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



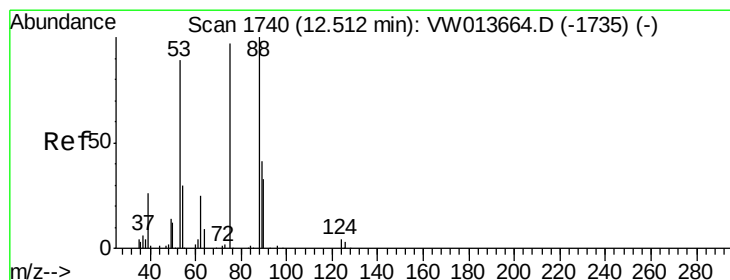
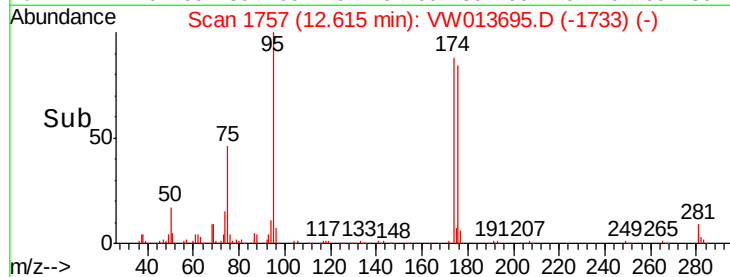
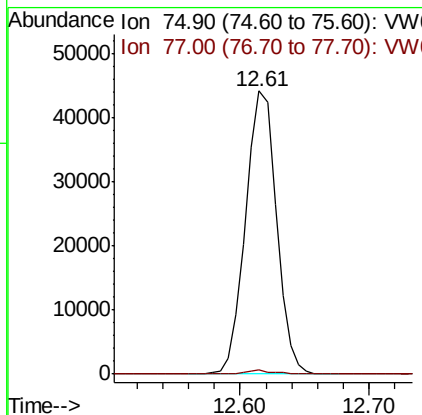
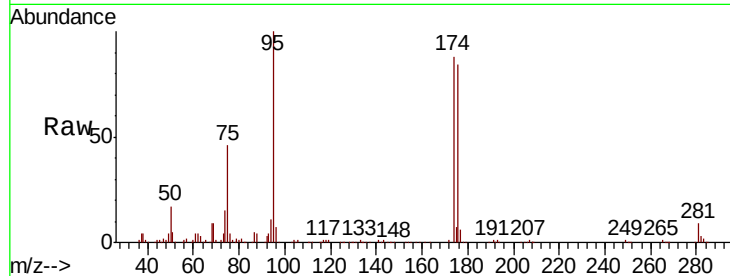


#76

1,2,3-Trichloropropane
 Concen: 72.427 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013695.D
 Acq: 24 Oct 2019 04:50

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 73089
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
 Concen: 136.876 ug/l
 RT: 12.61 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013695.D
 Acq: 24 Oct 2019 04:50

Tgt Ion: 75 Resp: 73089
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.7 107.5#
 89 0.0 35.8 53.8#

