

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013720.D
 Acq On : 24 Oct 2019 19:20
 Operator : SY/VA
 Sample : K5502-04RE
 Misc : 5.61G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 25 08:00:04 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

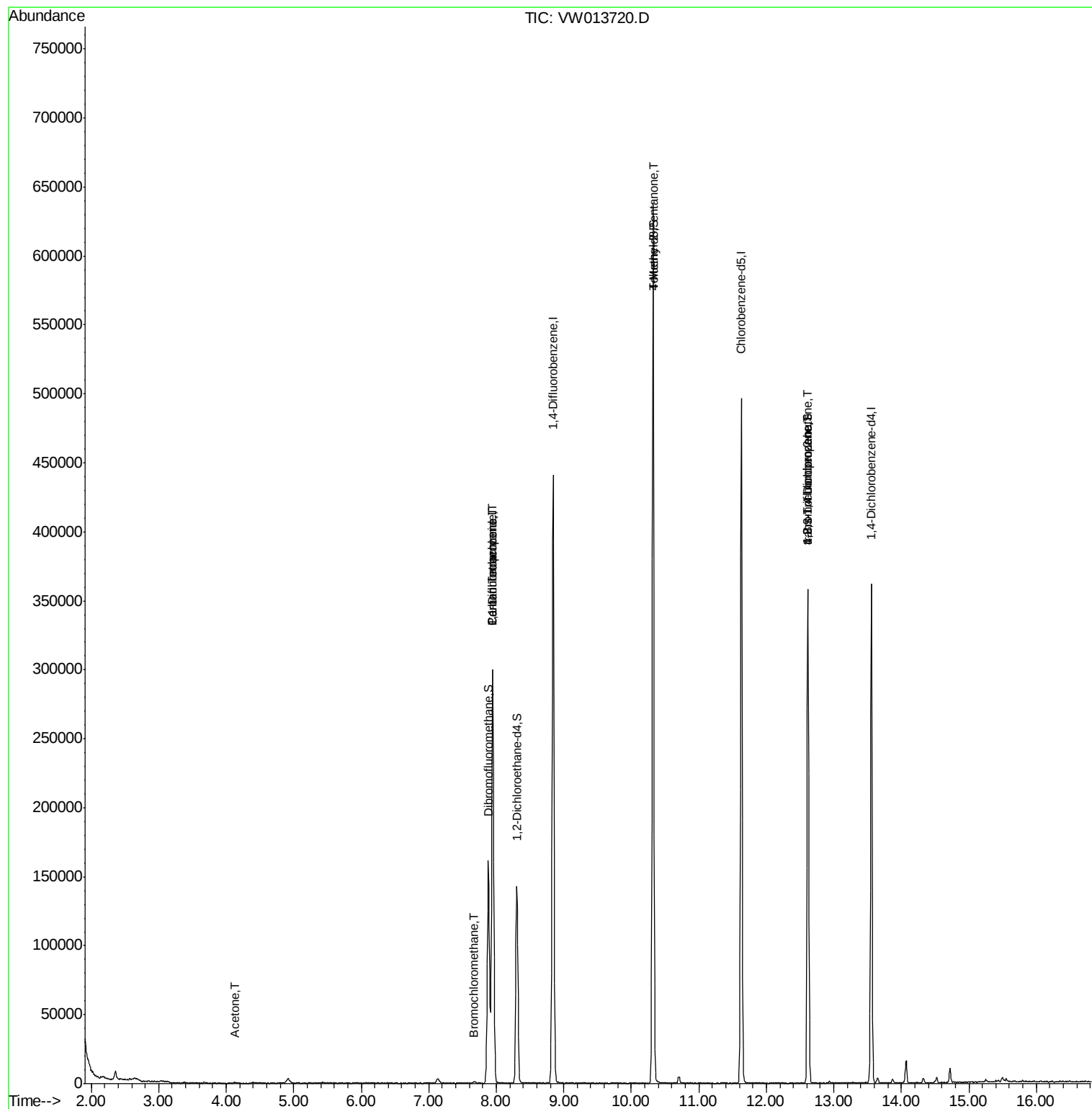
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252538	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	387259	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	304544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110509	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
35) Dibromofluoromethane	7.88	113	115542	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
50) Toluene-d8	10.32	98	435678	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.62	95	115372	38.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.72%	
Target Compounds						
					Qvalue	
16) Acetone	4.13	43	1271	3.164	ug/l #	62
20) Methylene Chloride	4.92	84	2975	Below Cal	#	75
28) Bromochloromethane	7.66	49	56	1.378	ug/l #	7
36) 1,1-Dichloropropene	7.95	75	16033	4.445	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21877	6.736	ug/l #	15
51) 4-Methyl-2-Pentanone	10.32	43	1775	1.352	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	55198	73.012	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55198	137.982	ug/l #	14

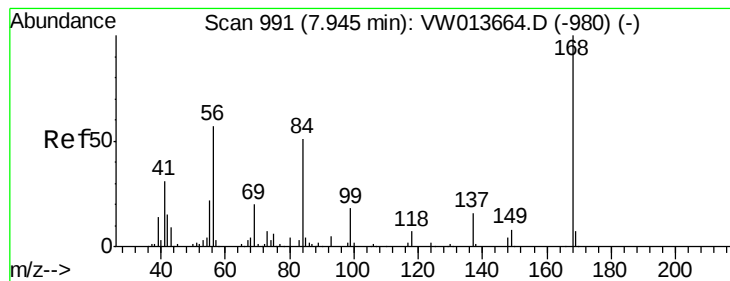
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 992

Delta R.T. 0.01 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

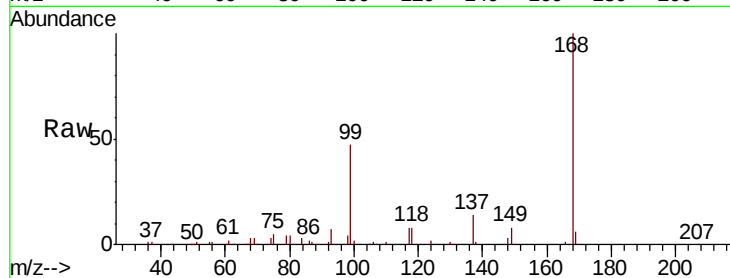
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 252538

Ion Ratio Lower Upper

168 100

99 46.9 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

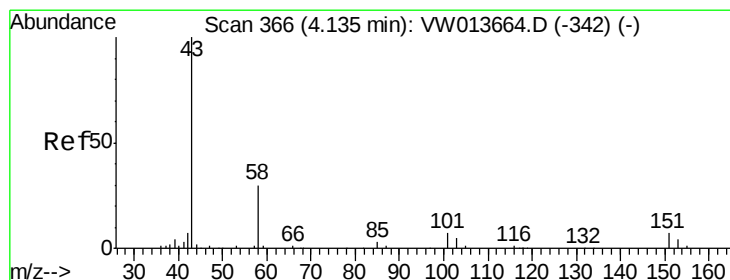
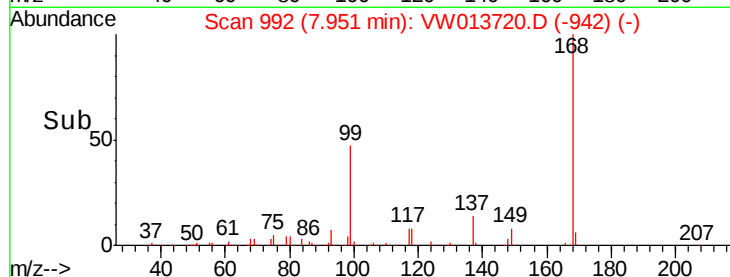
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 3.164 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW013720.D

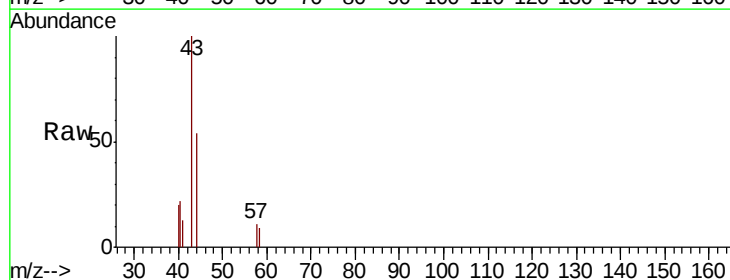
Acq: 24 Oct 2019 19:20

Tgt Ion: 43 Resp: 1271

Ion Ratio Lower Upper

43 100

58 9.4 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

600

500

400

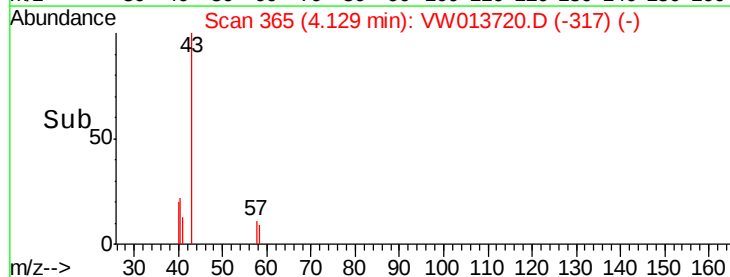
300

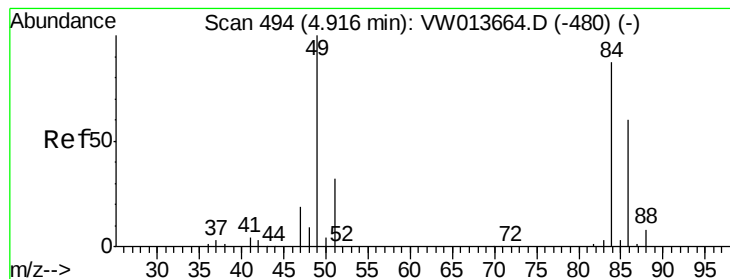
200

100

0

Time-->





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 84 Resp: 2975

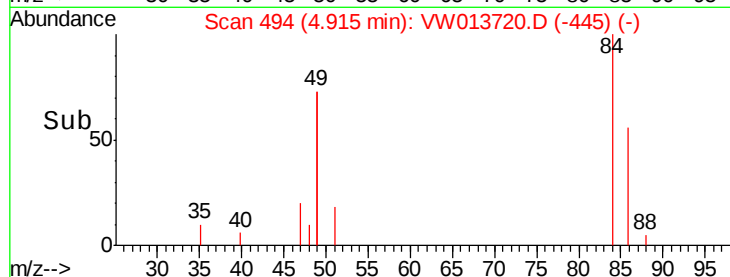
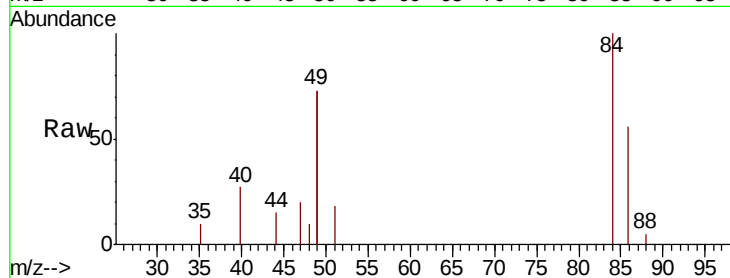
Ion Ratio Lower Upper

84 100

49 145.4 91.8 137.6#

51 17.8 29.8 44.6#

86 56.1 55.2 82.8

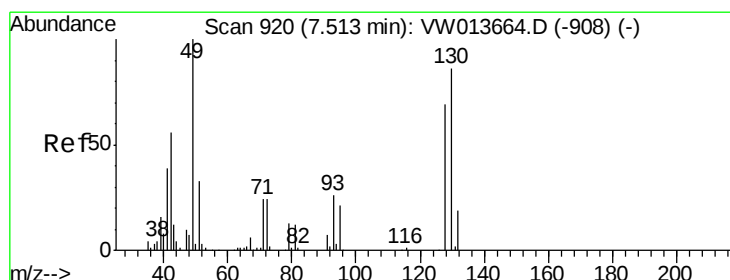
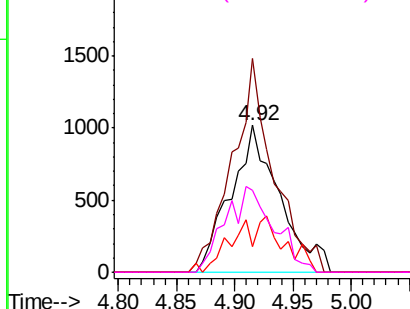


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.378 ug/l

RT: 7.66 min Scan# 945

Delta R.T. 0.15 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

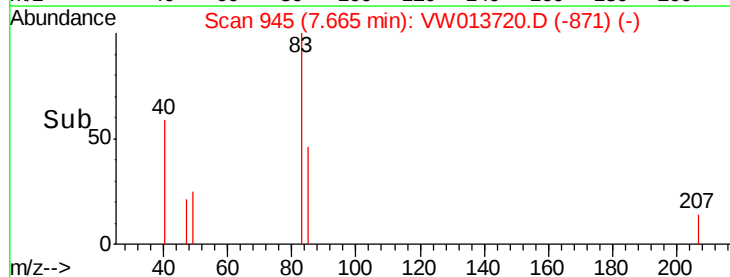
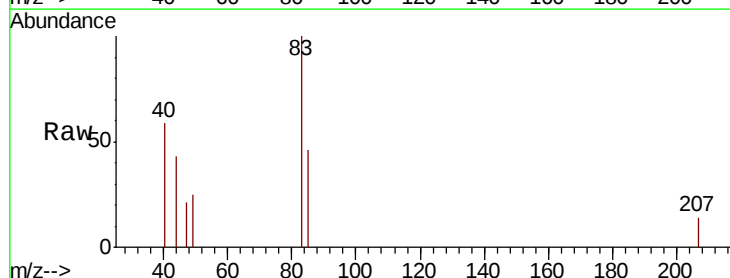
Tgt Ion: 49 Resp: 56

Ion Ratio Lower Upper

49 100

129 0.0 0.0 0.6

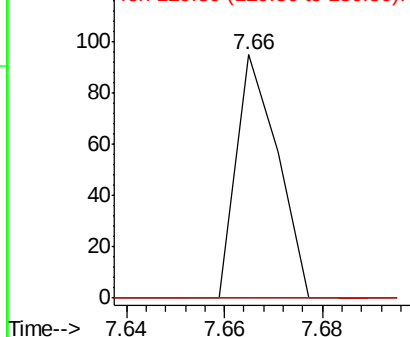
130 0.0 67.5 101.3#

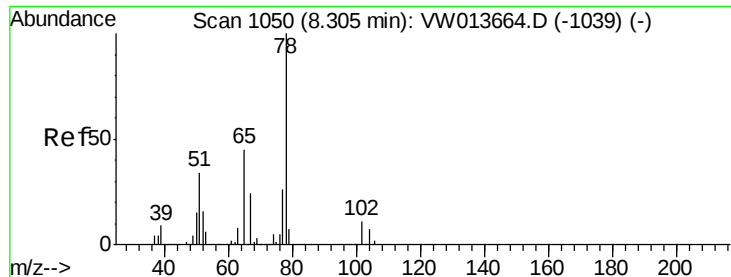


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

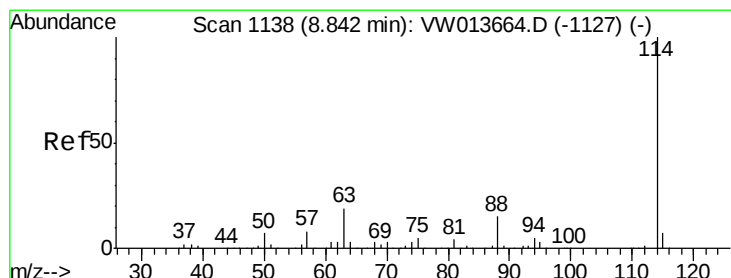
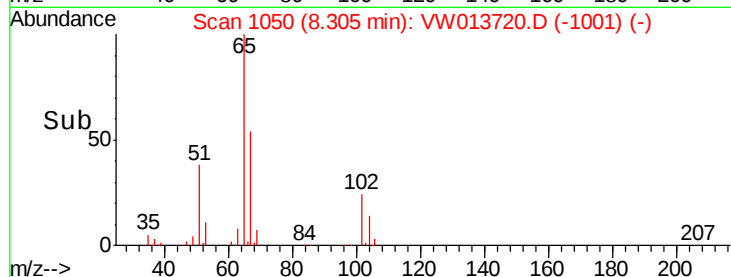
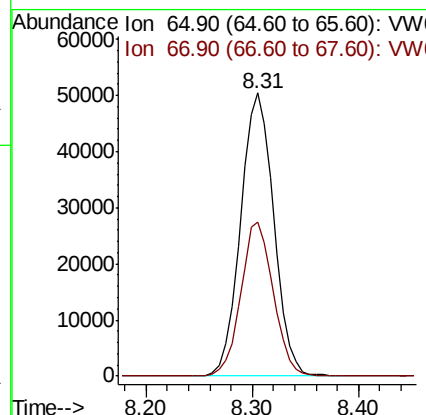
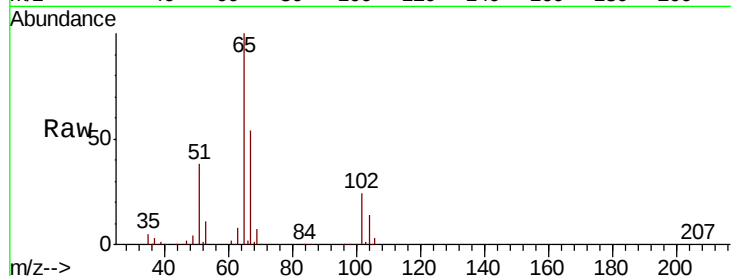




#33
 1,2-Dichloroethane-d4
 Concen: 58.333 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

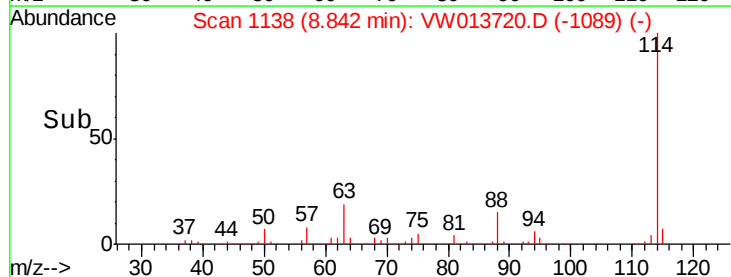
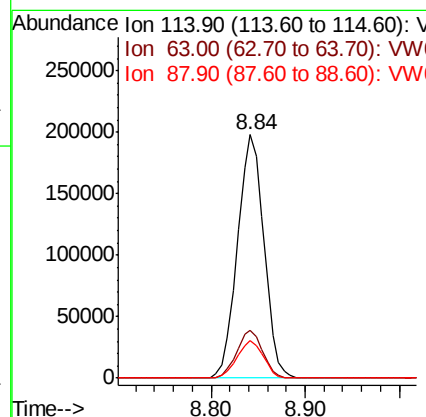
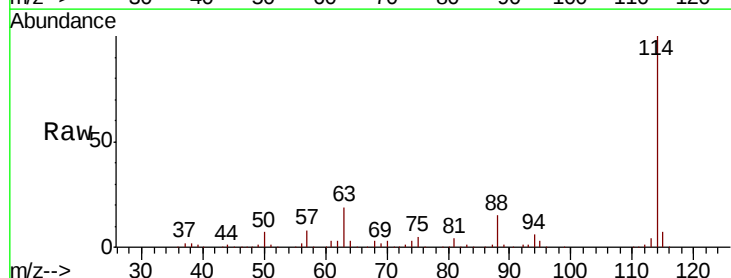
Instrument :
 MSVOA_W
 ClientSampled :

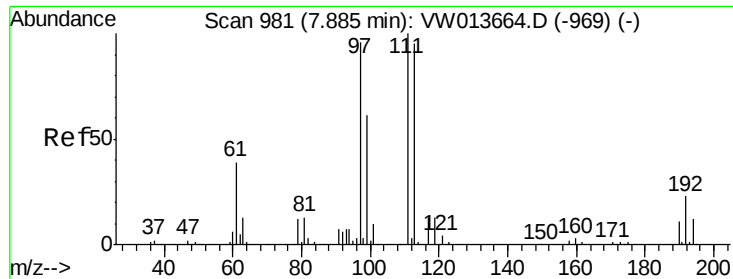
Tot Ion: 65 Resp: 110509
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

Tgt Ion: 114 Resp: 387259
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.6
 88 15.2 0.0 30.2

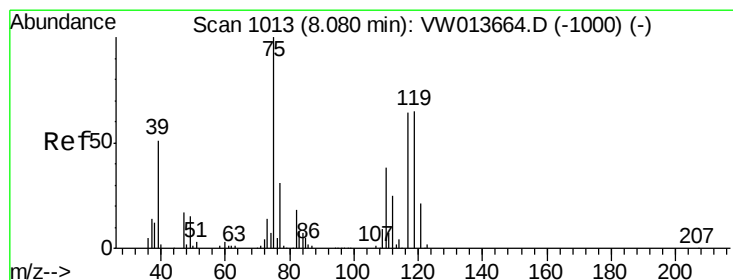
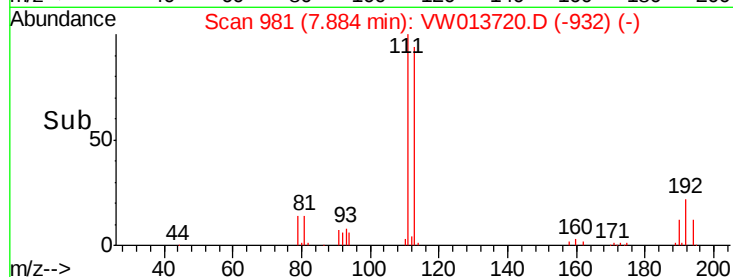
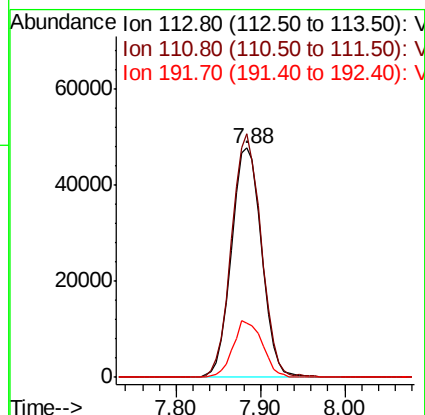
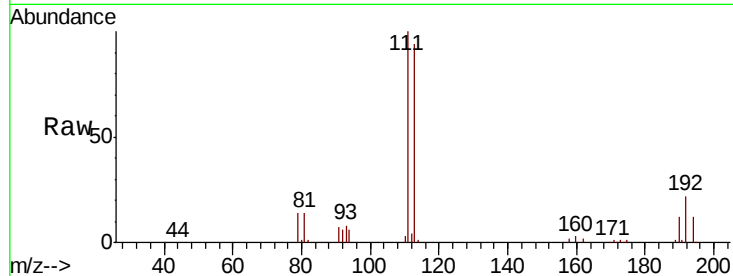




#35
 Dibromofluoromethane
 Concen: 53.695 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

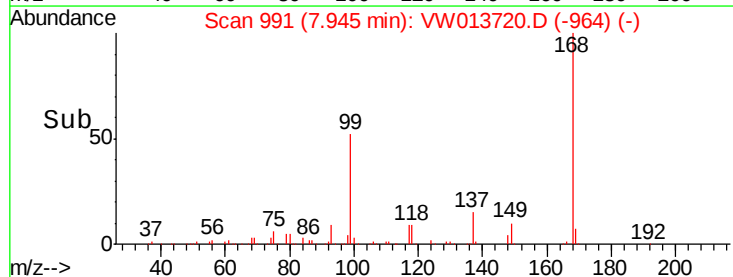
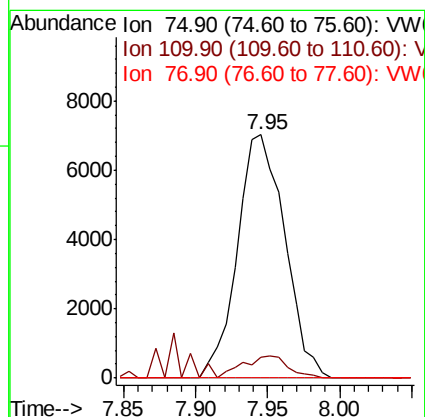
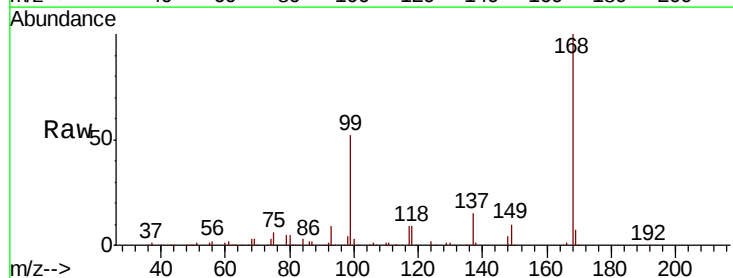
Instrument :
 MSVOA_W
 ClientSampleId :

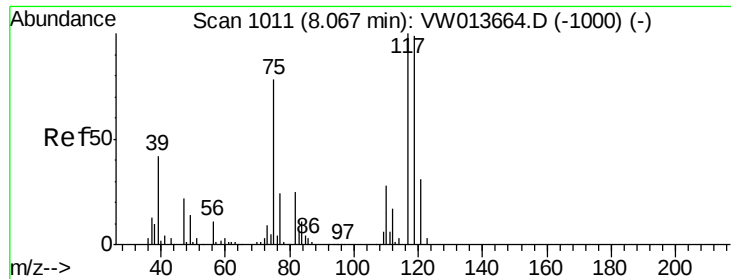
Tot Ion:113 Resp: 115542
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.0 124.6
 192 24.0 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 4.445 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

Tgt Ion: 75 Resp: 16033
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.7 56.1#
 77 0.0 25.4 38.0#

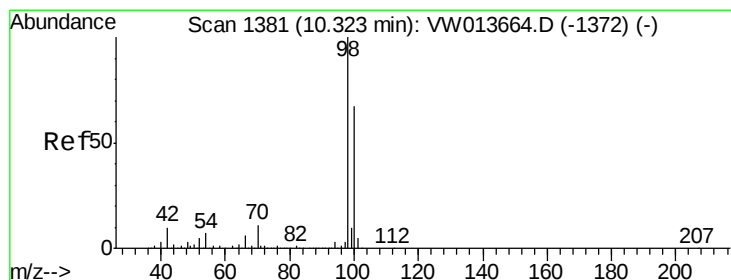
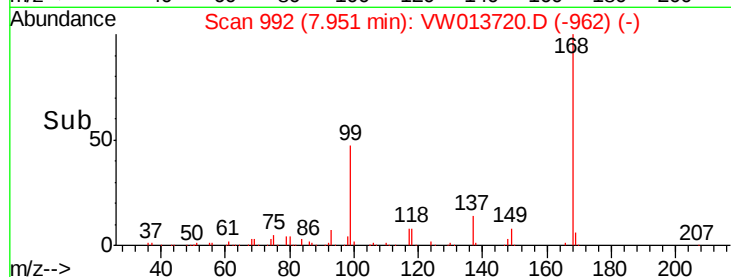
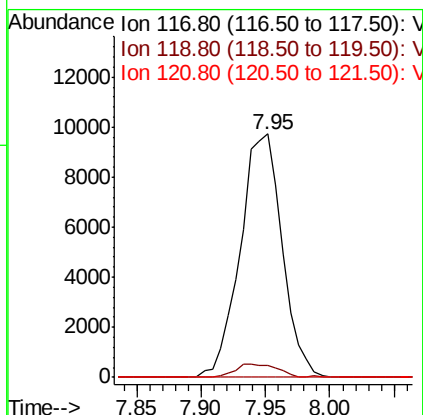
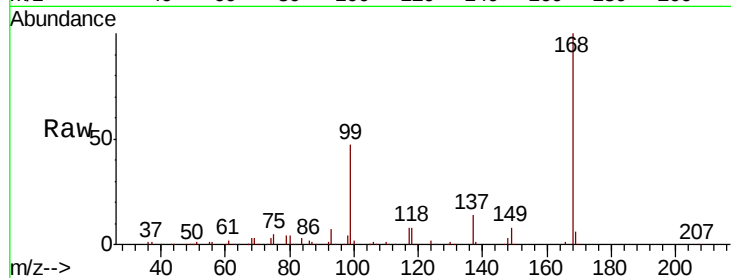




#38
Carbon Tetrachloride
Concen: 6.736 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW013720.D
Acq: 24 Oct 2019 19:20

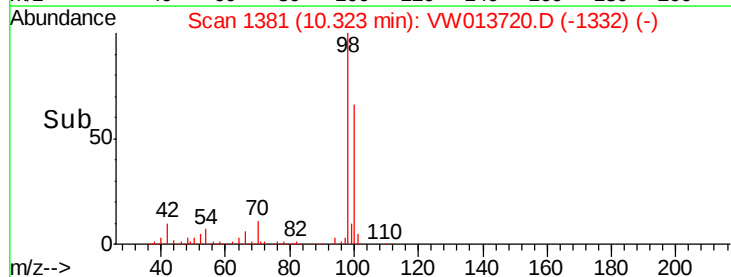
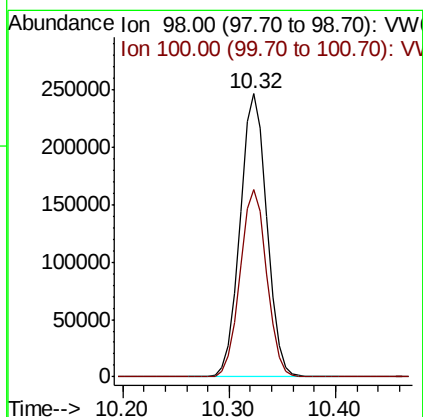
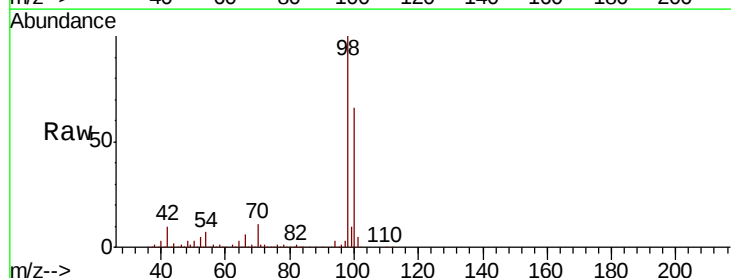
Instrument :
MSVOA_W
ClientSampleId :

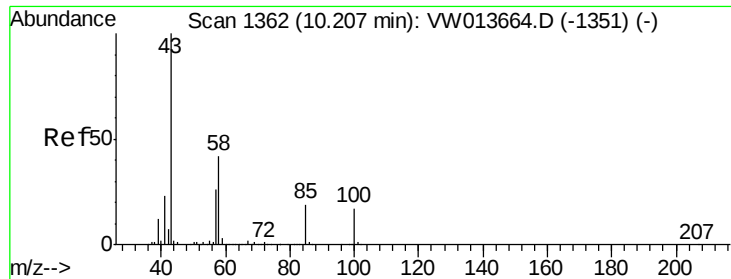
Tot Ion:117 Resp: 21877
Ion Ratio Lower Upper
117 100
119 4.9 79.0 118.4#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.689 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013720.D
Acq: 24 Oct 2019 19:20

Tgt Ion: 98 Resp: 435678
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0

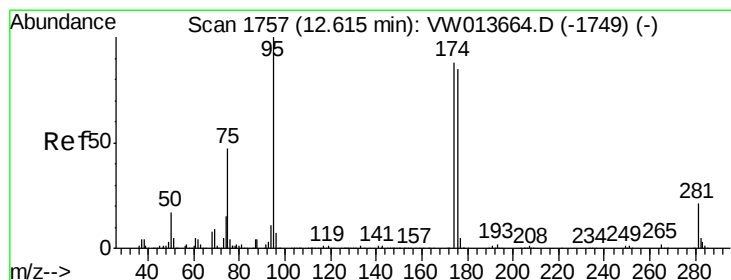
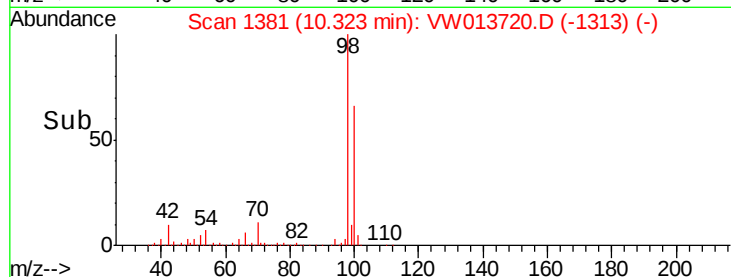
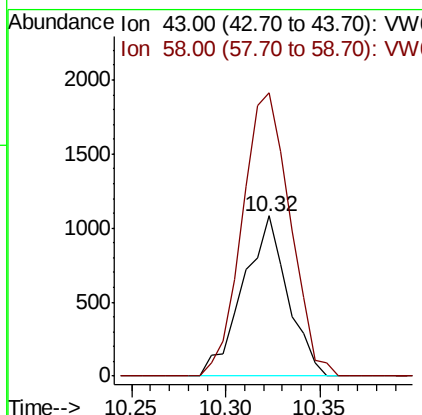
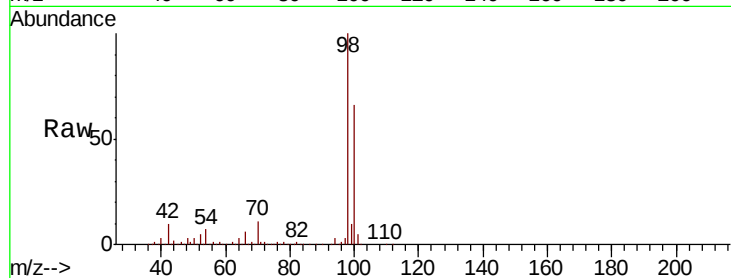




#51
 4-Methyl-2-Pentanone
 Concen: 1.352 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.12 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

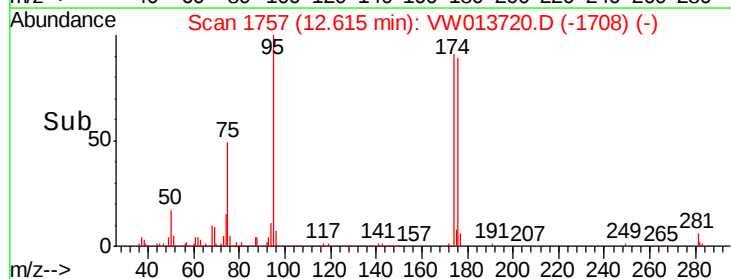
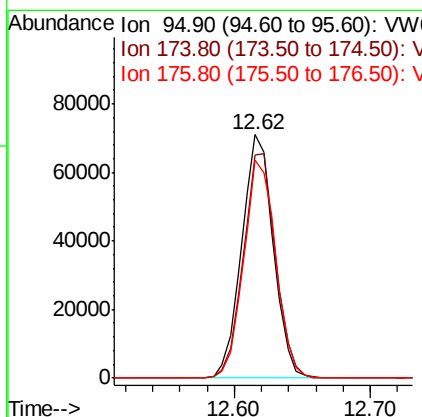
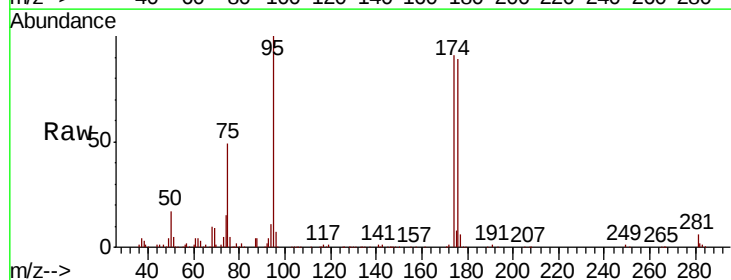
Instrument :
 MSVOA_W
 ClientSampleId :

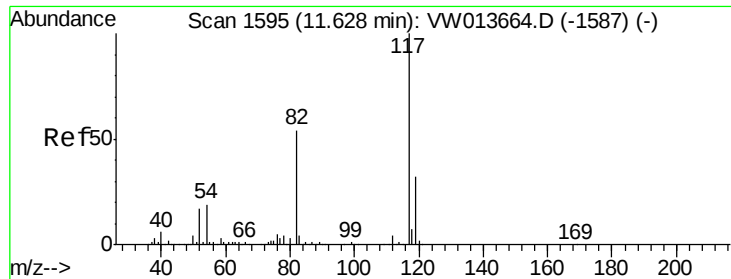
Tot Ion: 43 Resp: 1775
 Ion Ratio Lower Upper
 43 100
 58 190.3 32.6 49.0#



#62
 4-Bromofluorobenzene
 Concen: 38.860 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013720.D
 Acq: 24 Oct 2019 19:20

Tgt Ion: 95 Resp: 115372
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 183.6
 176 90.9 0.0 178.0

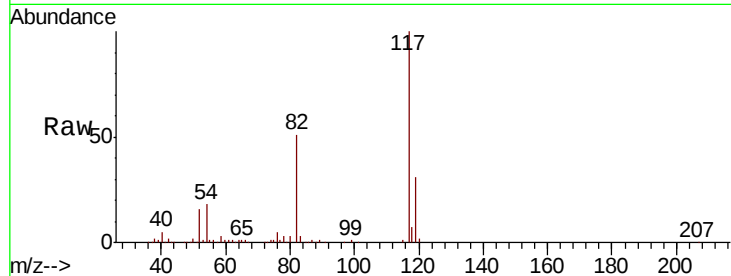




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013720.D
Acq: 24 Oct 2019 19:20

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.6	65.4
119	30.9	25.4	38.2

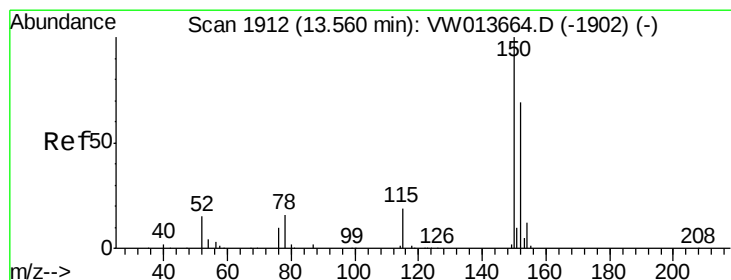
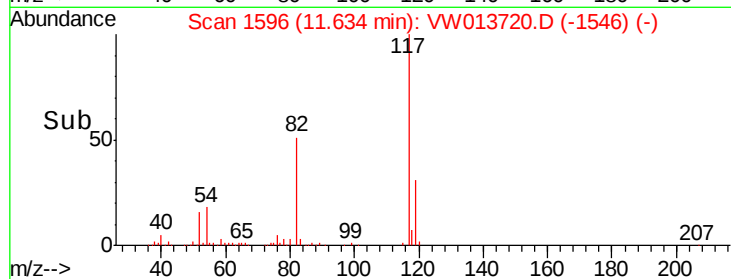
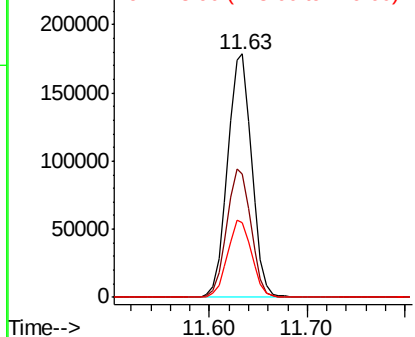


Abundance

Ion 116.90 (116.60 to 117.60): V

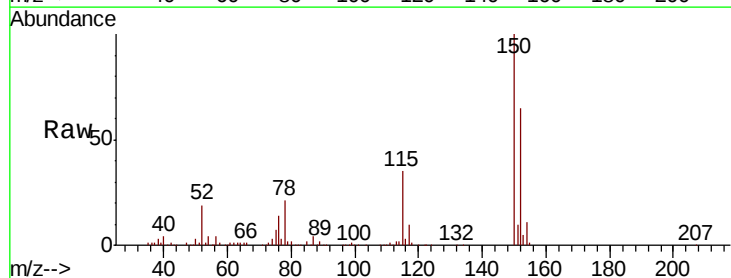
Ion 82.00 (81.70 to 82.70): V

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: VW013720.D
Acq: 24 Oct 2019 19:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.4	82.2
150	155.3	0.0	345.4

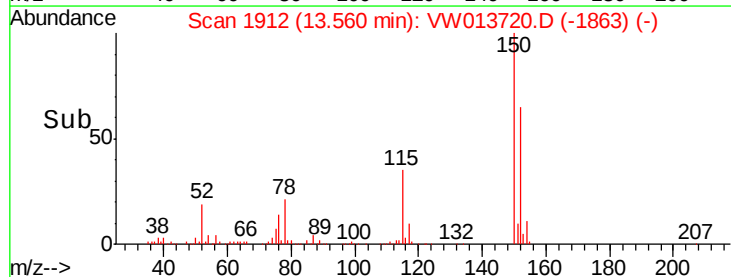
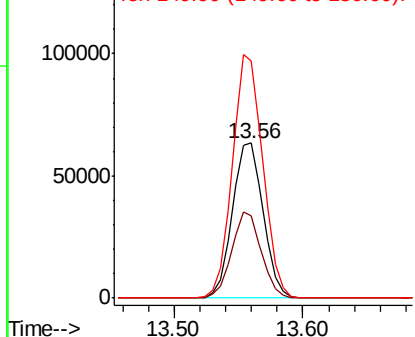


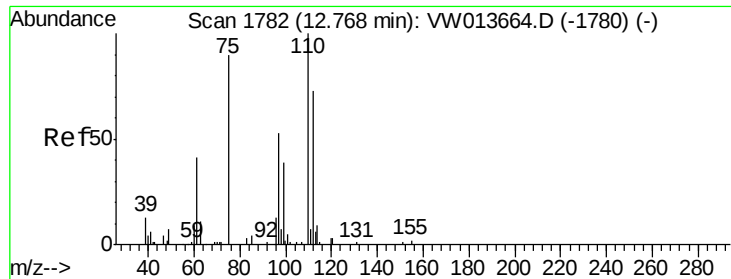
Abundance

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: 73.012 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Instrument :

MSVOA_W

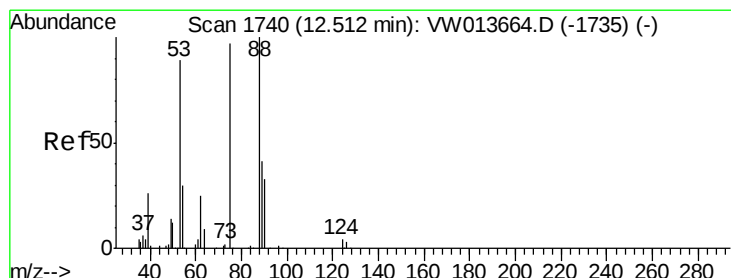
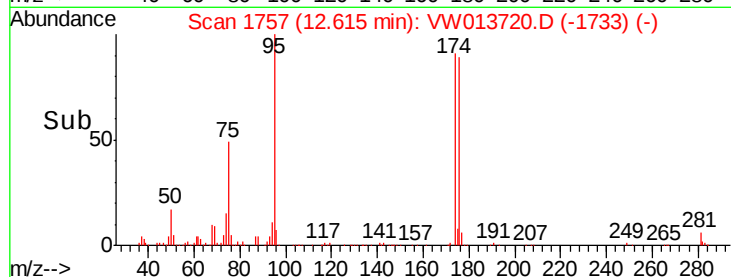
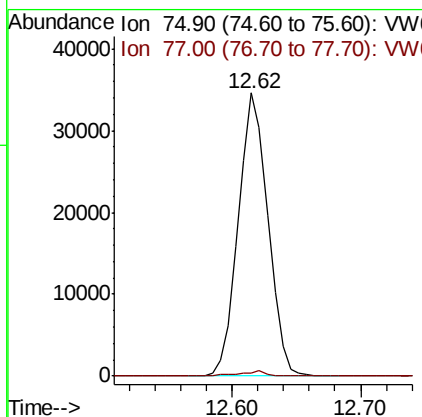
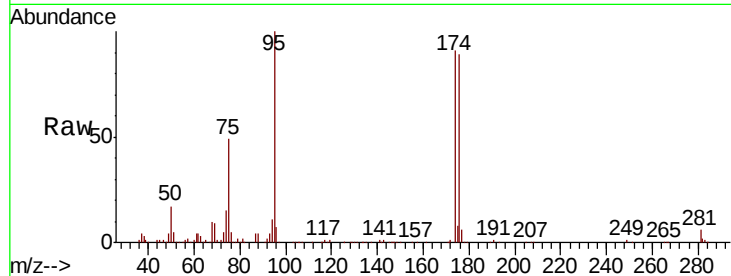
ClientSampleId :

Tot Ion: 75 Resp: 55198

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 137.982 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013720.D

Acq: 24 Oct 2019 19:20

Tgt Ion: 75 Resp: 55198

Ion Ratio Lower Upper

75 100

53 0.0 71.7 107.5#

89 0.0 35.8 53.8#

