

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112818\
 Data File : VW007123.D
 Acq On : 28 Nov 2018 19:22
 Operator : VAY/AP
 Sample : J5767-17
 Misc : 7.12G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-112818-A

Quant Time: Nov 29 04:37:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

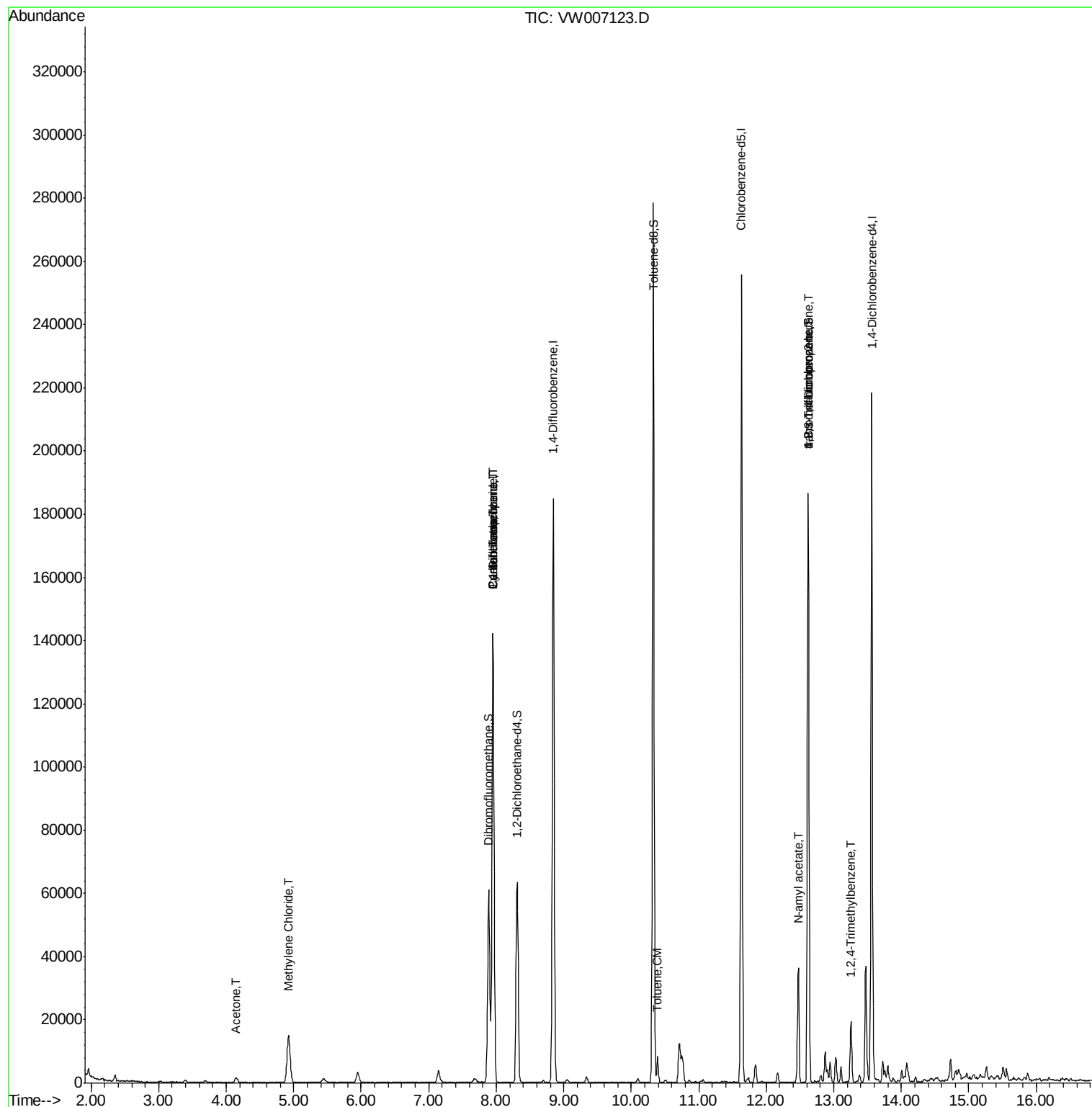
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	161400	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	146109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	55882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51457	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	7.89	113	44949	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
50) Toluene-d8	10.32	98	188282	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.62	95	64059	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.88%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	3148	21.010	ug/l	90
20) Methylene Chloride	4.92	84	12204	5.404	ug/l	91
31) Cyclohexane	7.95	56	2376	1.195	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	7861	4.984	ug/l #	50
38) Carbon Tetrachloride	7.95	117	10500	6.952	ug/l #	17
52) Toluene	10.39	92	3518	1.214	ug/l	92
74) N-amyl acetate	12.47	43	819	1.125	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	31375	71.450	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	31375	179.383	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.26	105	10664	2.850	ug/l	99

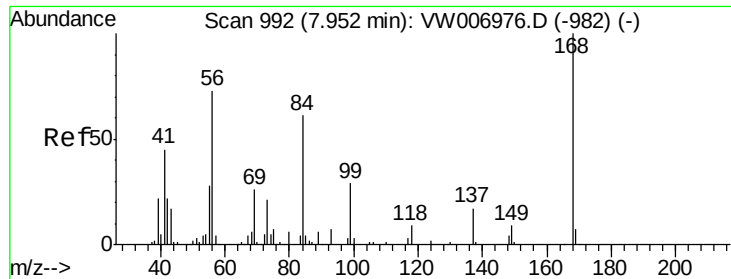
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 21 03:23:02 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

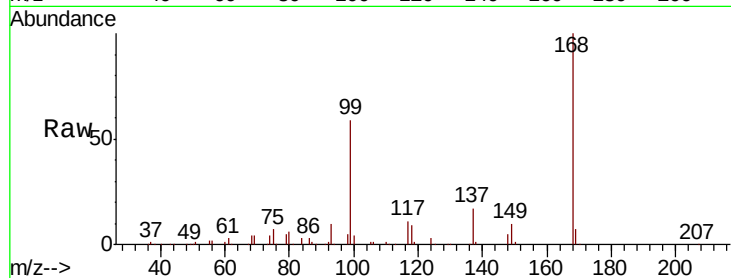
CL-02-112818-A

Tot Ion:168 Resp: 105413

Ion Ratio Lower Upper

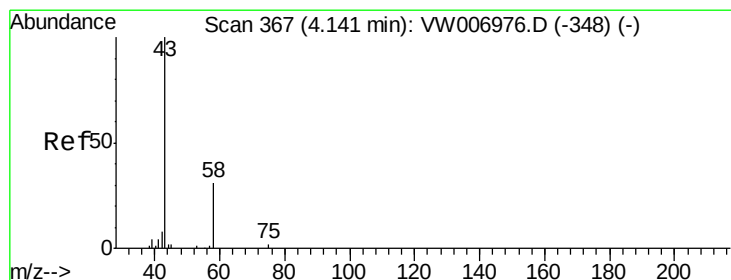
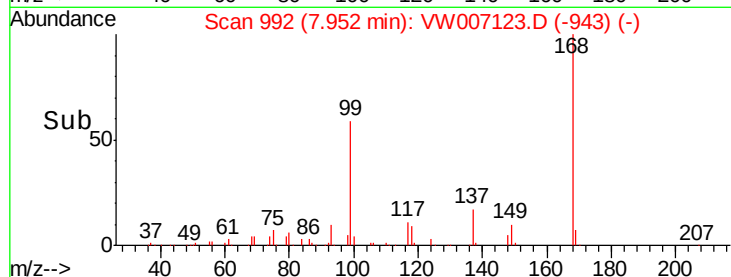
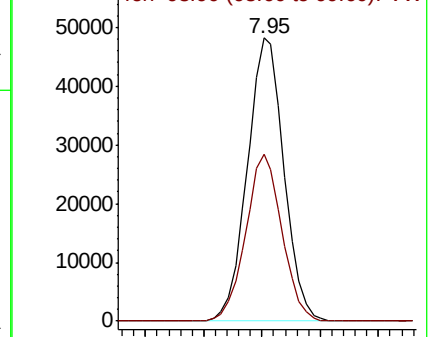
168 100

99 59.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 21.010 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW007123.D

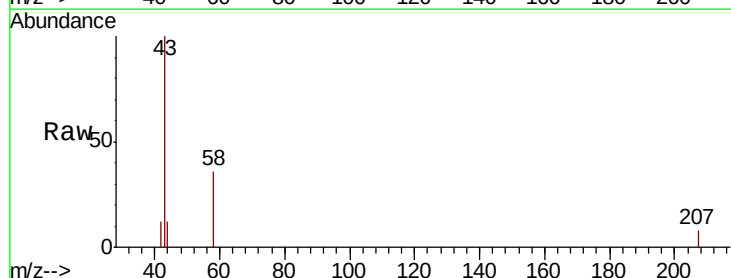
Acq: 28 Nov 2018 19:22

Tgt Ion: 43 Resp: 3148

Ion Ratio Lower Upper

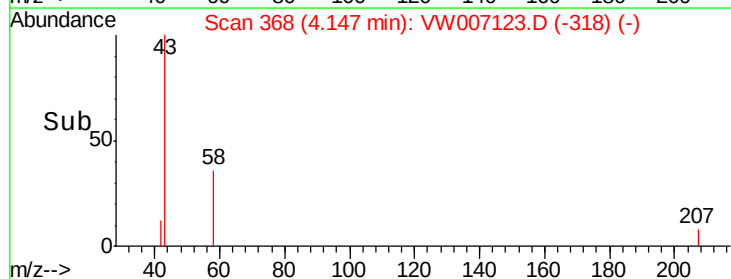
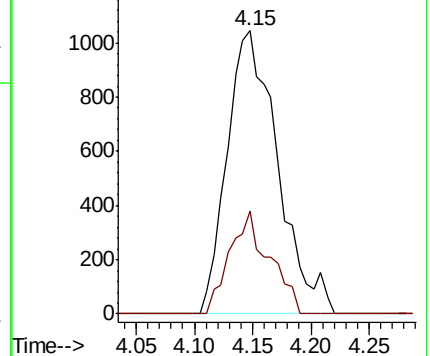
43 100

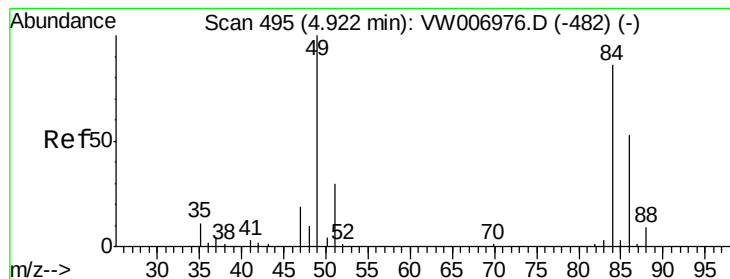
58 36.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methvlene Chloride

Concen: 5.404 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

CL-02-112818-A

Tot Ion: 84 Resp: 12204

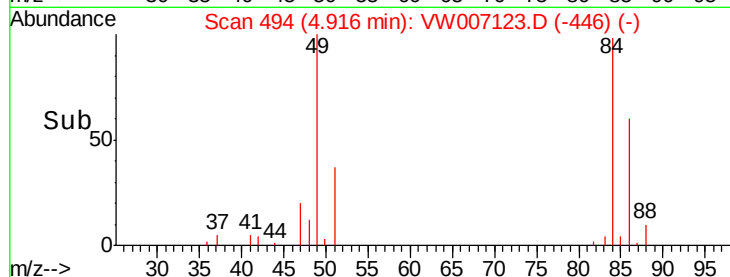
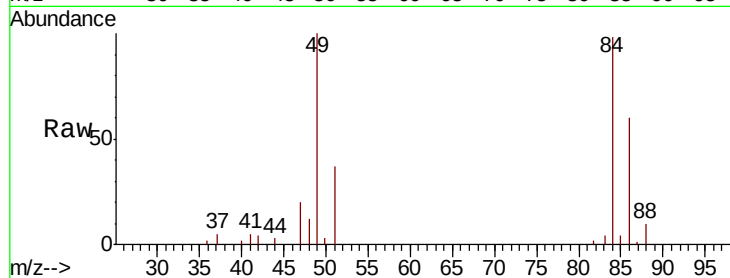
Ion Ratio Lower Upper

84 100

49 101.7 93.4 140.0

51 37.7 28.4 42.6

86 60.7 49.8 74.8

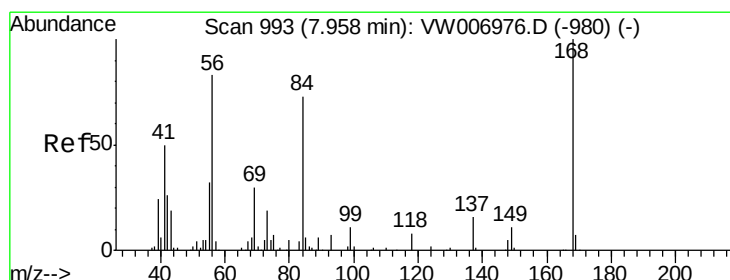
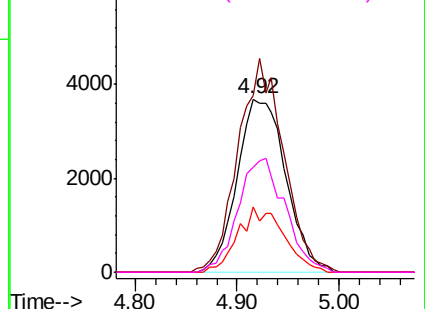


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#31

Cyclohexane

Concen: 1.195 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

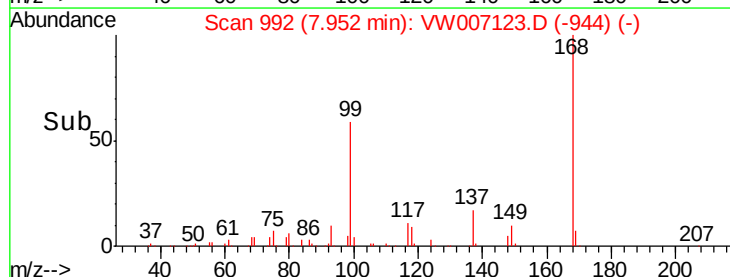
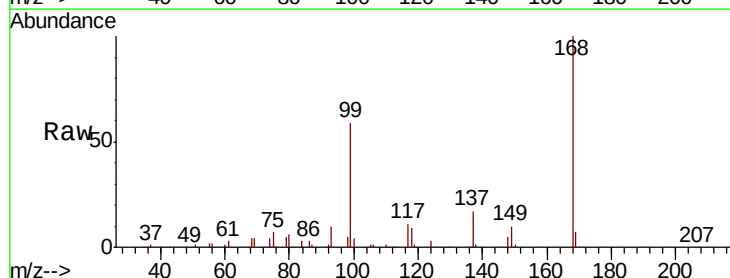
Tgt Ion: 56 Resp: 2376

Ion Ratio Lower Upper

56 100

69 158.5 29.1 43.7#

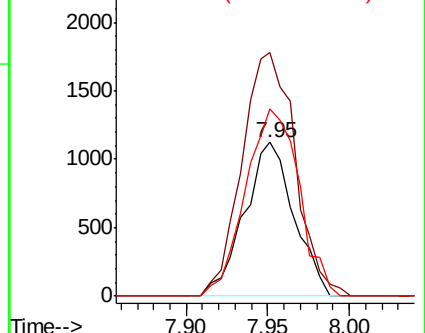
84 122.4 70.6 105.8#

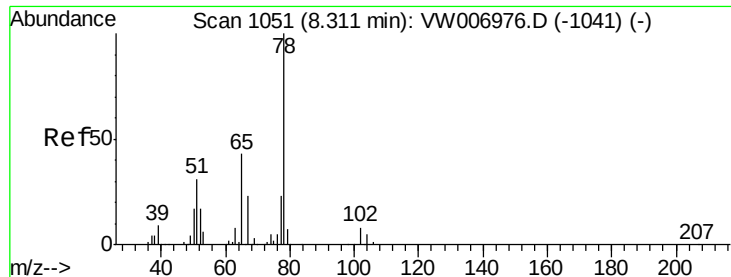


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

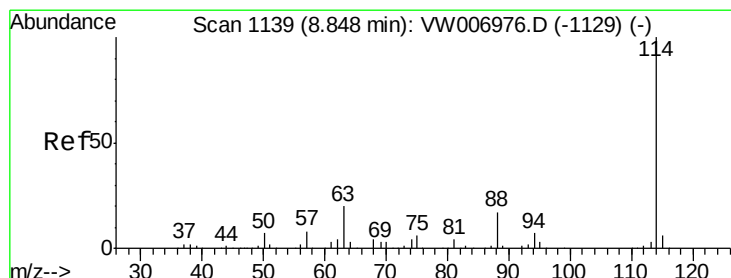
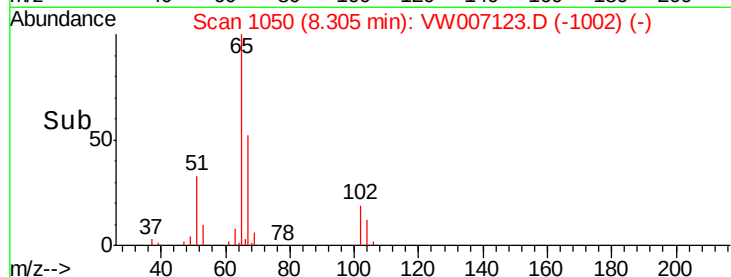
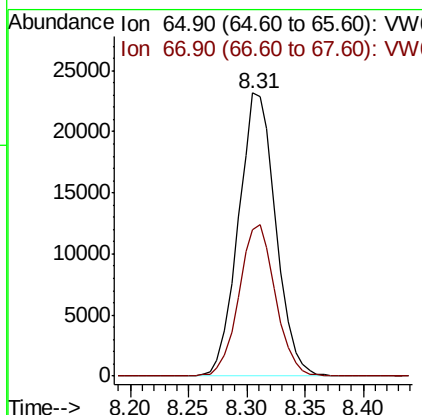
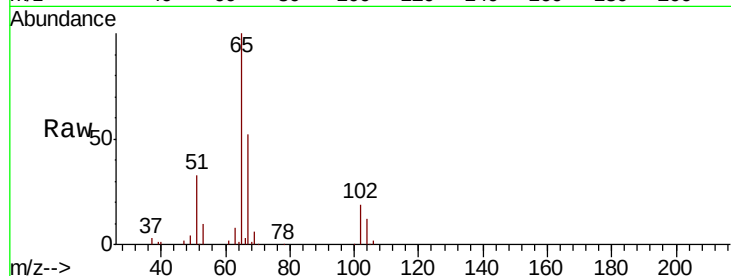




#33
 1,2-Dichloroethane-d4
 Concen: 49.861 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007123.D
 Acq: 28 Nov 2018 19:22

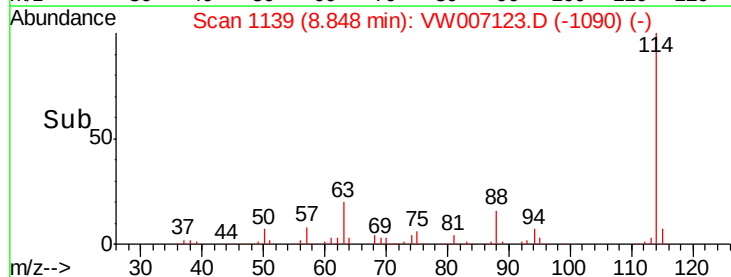
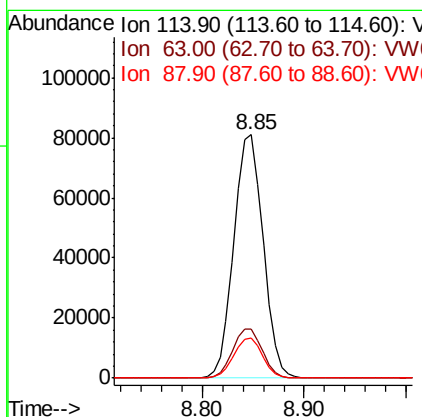
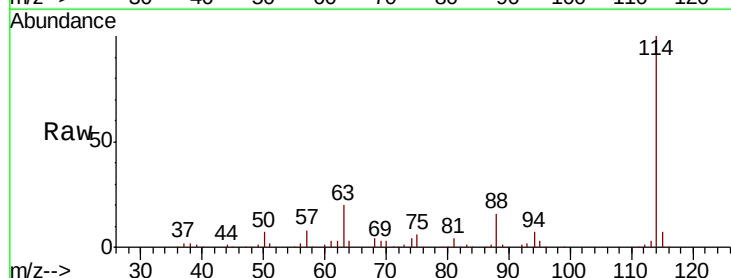
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-112818-A

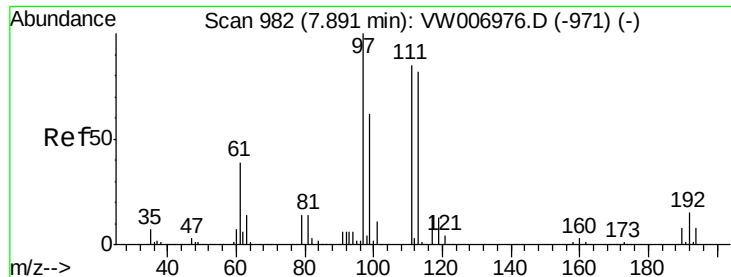
Tot Ion: 65 Resp: 51457
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007123.D
 Acq: 28 Nov 2018 19:22

Tgt Ion: 114 Resp: 161400
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.4
 88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.315 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

CL-02-112818-A

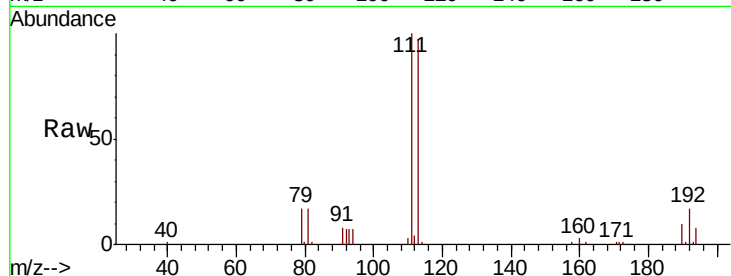
Tot Ion:113 Resp: 44949

Ion Ratio Lower Upper

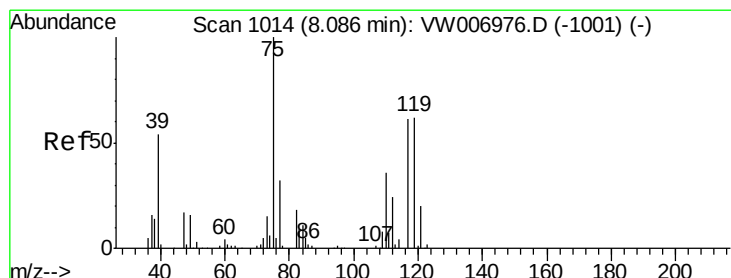
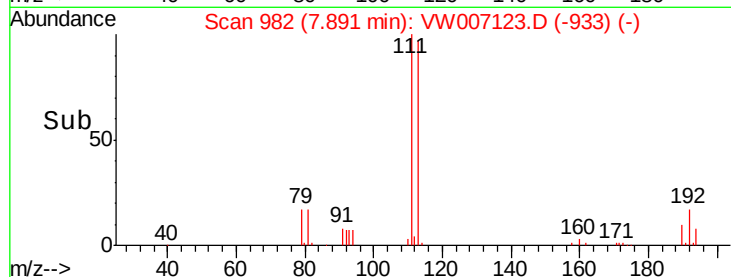
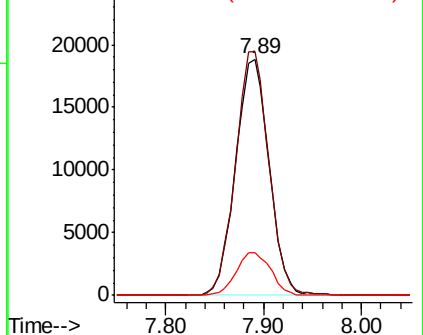
113 100

111 102.0 81.0 121.6

192 18.5 15.0 22.6



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: 4.984 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

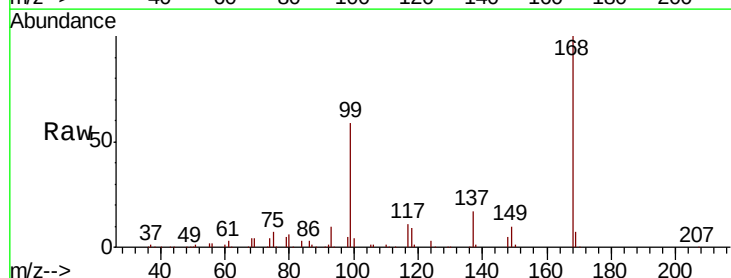
Tgt Ion: 75 Resp: 7861

Ion Ratio Lower Upper

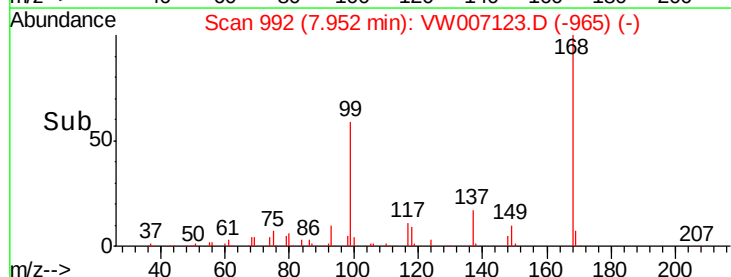
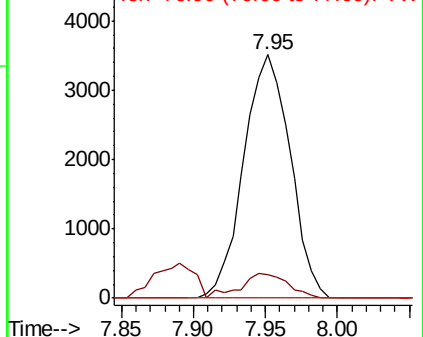
75 100

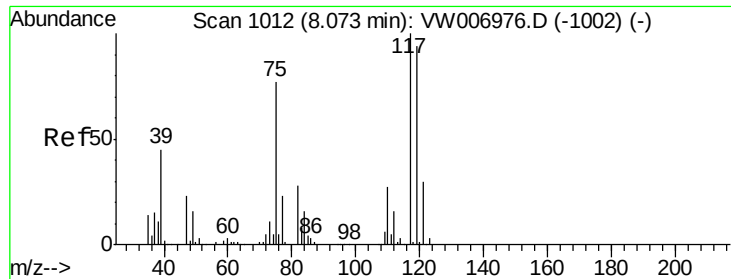
110 9.5 18.0 54.0#

77 0.0 24.9 37.3#



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

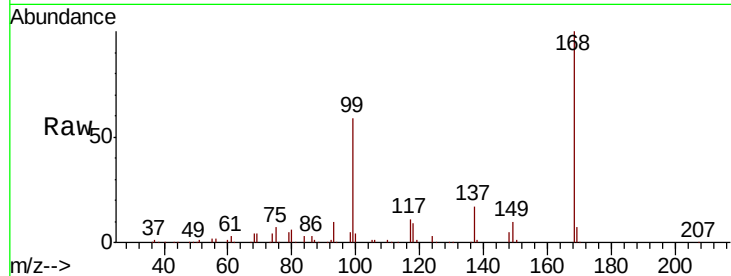




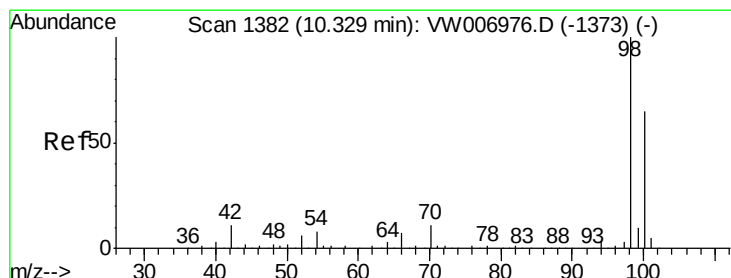
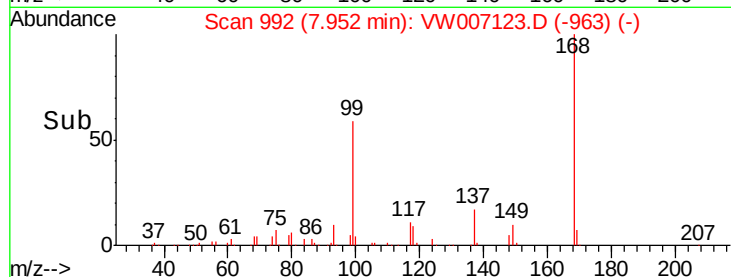
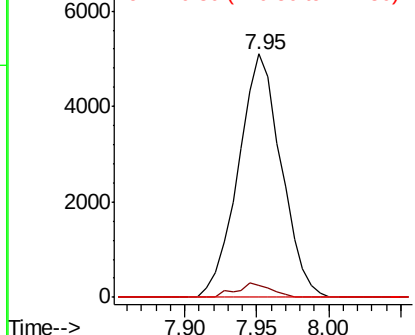
#38
Carbon Tetrachloride
Concen: 6.952 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007123.D
Acq: 28 Nov 2018 19:22

Instrument :
MSVOA_W
ClientSampleId :
CL-02-112818-A

Tot Ion:117 Resp: 10500
Ion Ratio Lower Upper
117 100
119 4.8 74.9 112.3#
121 0.0 23.6 35.4#

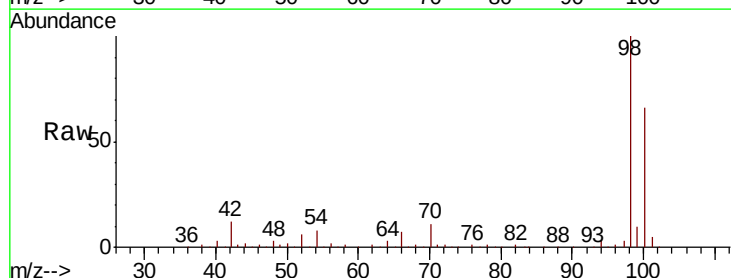


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

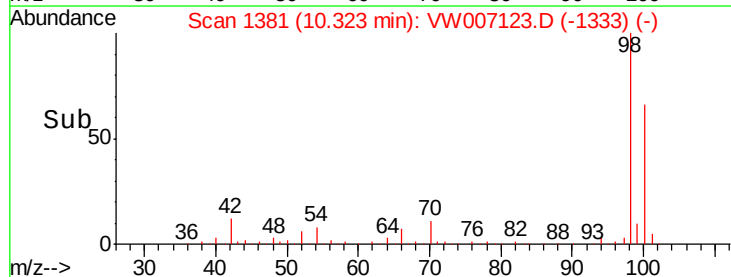
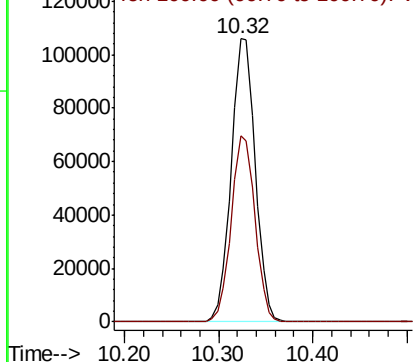


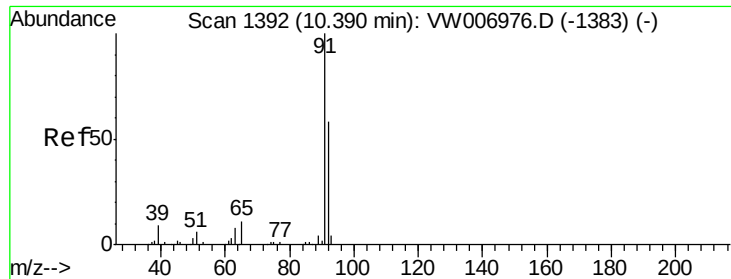
#50
Toluene-d8
Concen: 46.779 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007123.D
Acq: 28 Nov 2018 19:22

Tgt Ion: 98 Resp: 188282
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.214 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

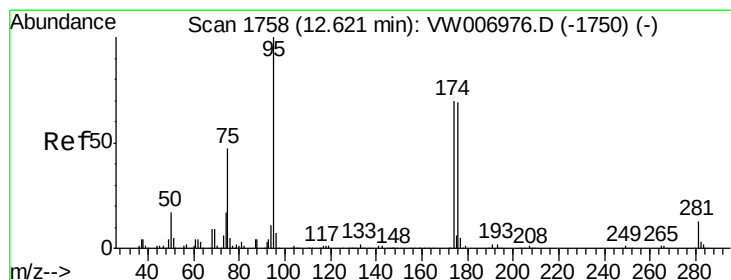
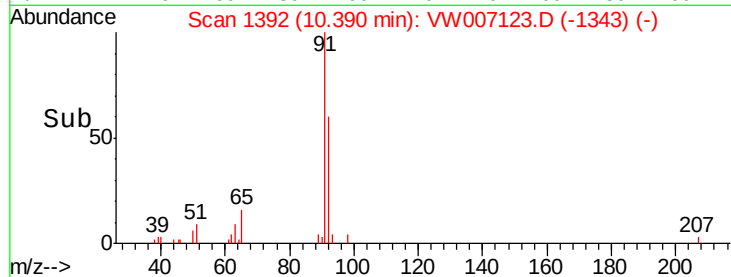
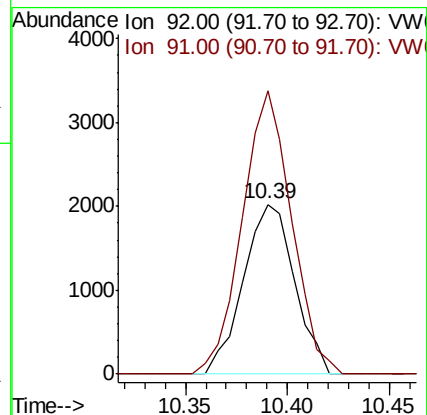
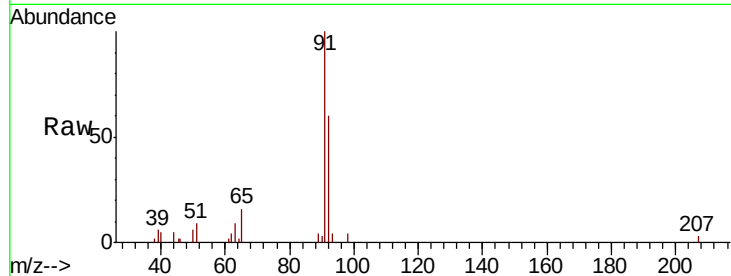
CL-02-112818-A

Tot Ion: 92 Resp: 3518

Ion Ratio Lower Upper

92 100

91 161.0 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 40.445 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

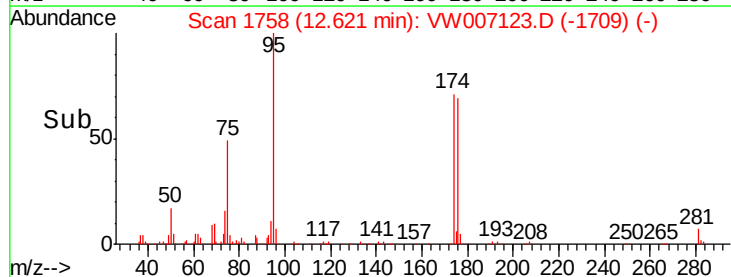
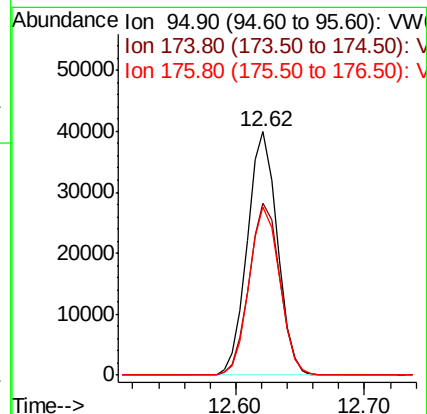
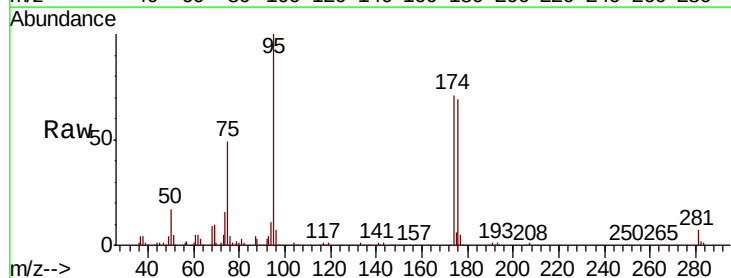
Tgt Ion: 95 Resp: 64059

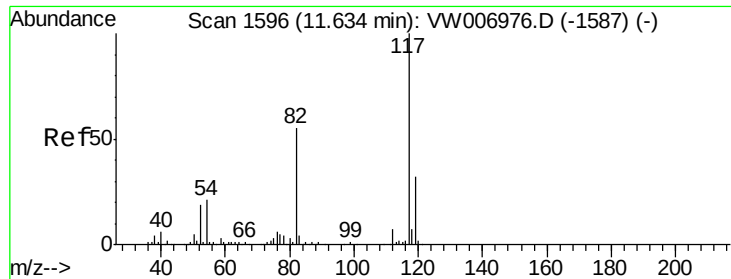
Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.6

176 70.4 0.0 140.4

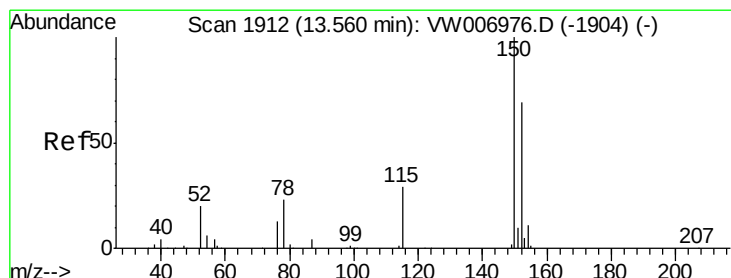
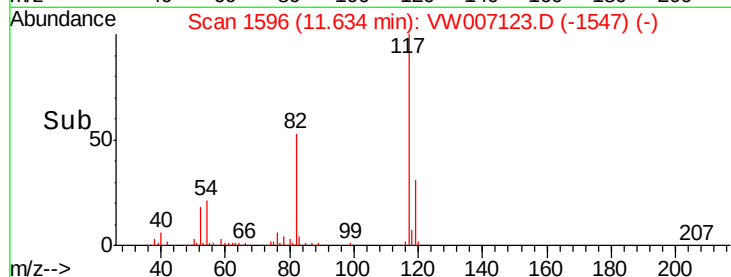
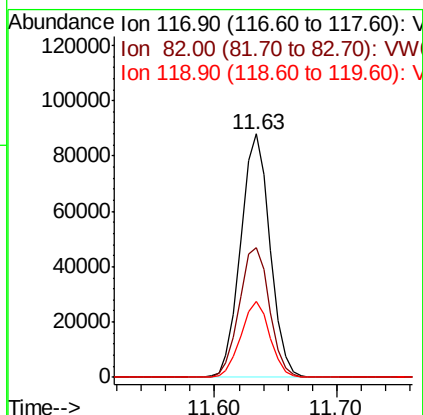
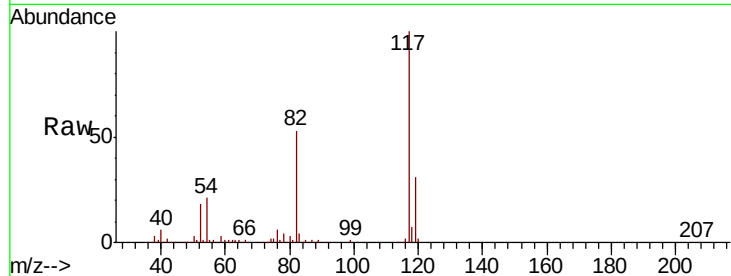




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007123.D
Acq: 28 Nov 2018 19:22

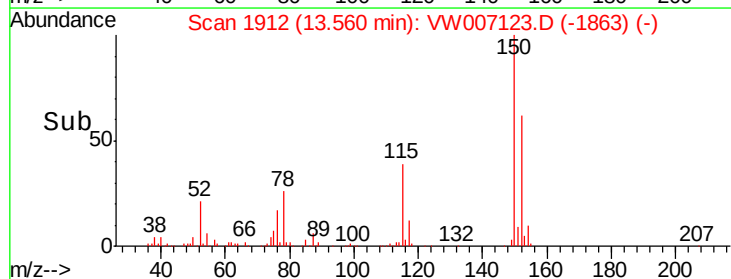
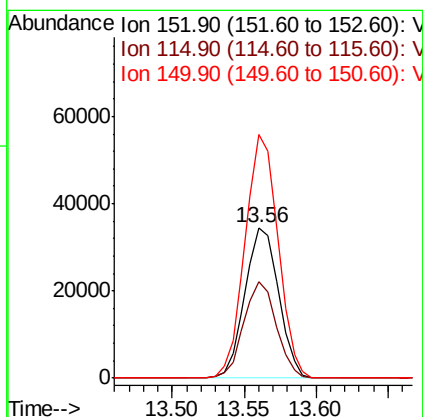
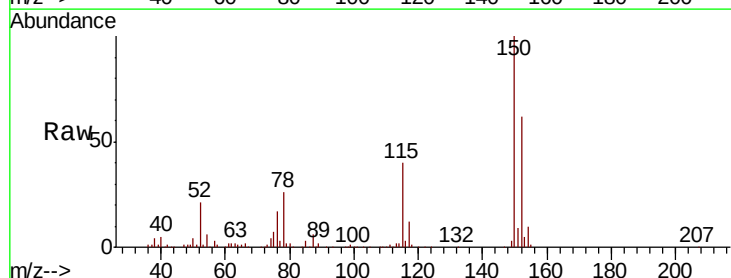
Instrument :
MSVOA_W
ClientSampleId :
CL-02-112818-A

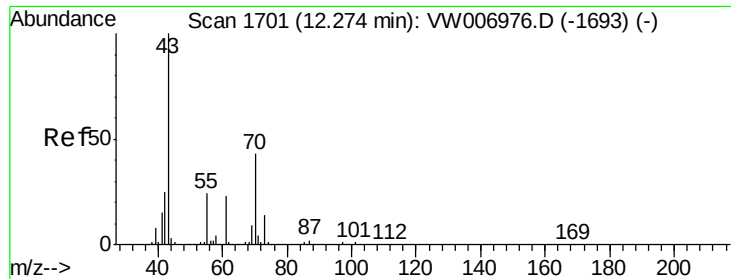
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	44.2	66.2
119	31.2	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007123.D
Acq: 28 Nov 2018 19:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.4	94.2
150	158.4	0.0	353.4





#74

N-amvl acetate

Concen: 1.125 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.20 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

CL-02-112818-A

Tot Ion: 43 Resp: 819

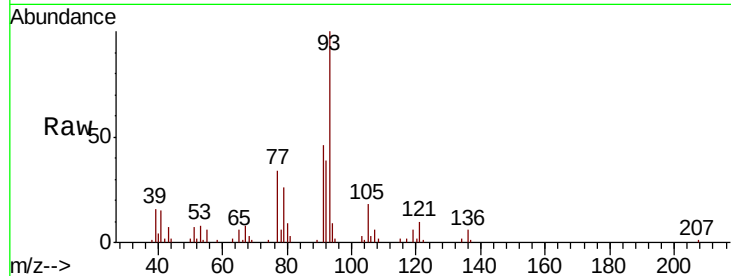
Ion Ratio Lower Upper

43 100

70 0.0 34.0 51.0#

55 98.2 19.4 29.0#

61 0.0 19.4 29.2#

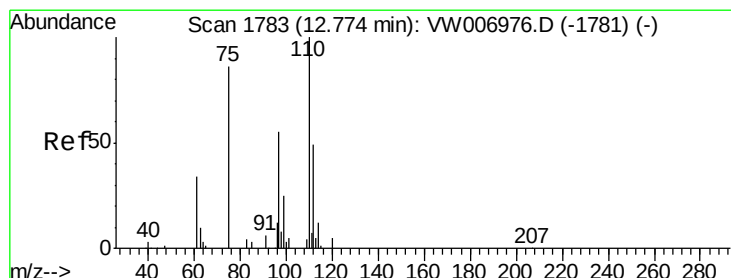
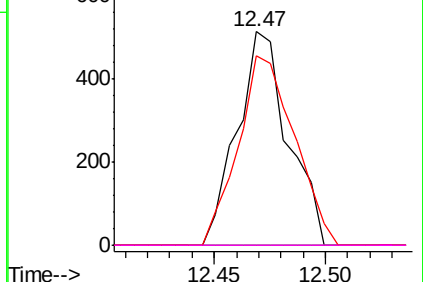
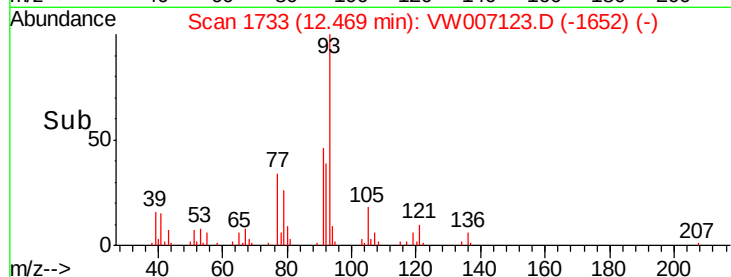


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 71.450 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007123.D

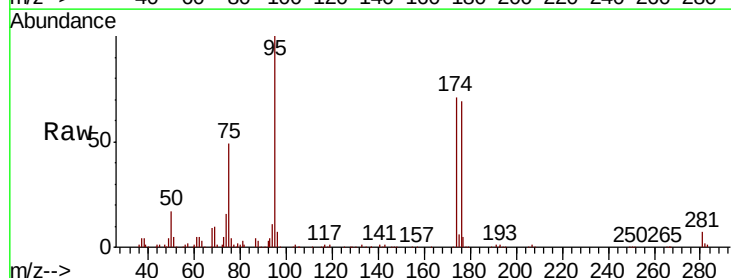
Acq: 28 Nov 2018 19:22

Tgt Ion: 75 Resp: 31375

Ion Ratio Lower Upper

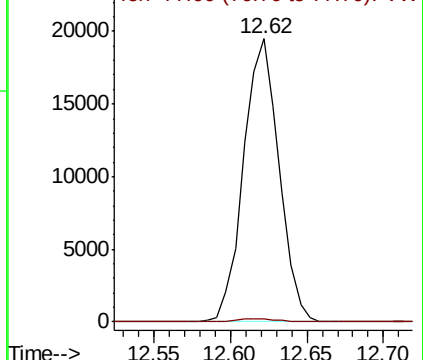
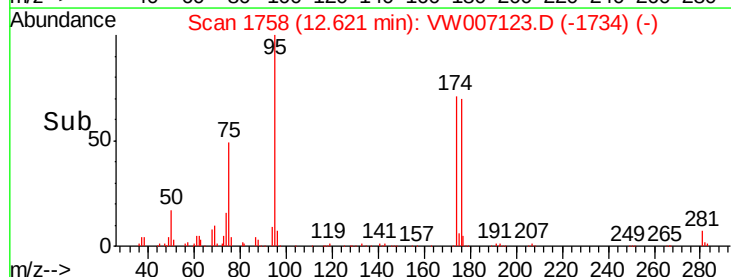
75 100

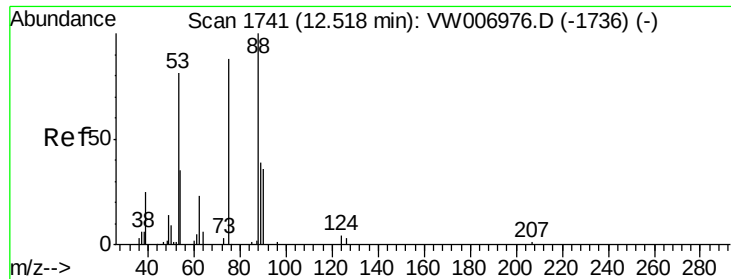
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 179.383 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

Instrument :

MSVOA_W

ClientSampleId :

CL-02-112818-A

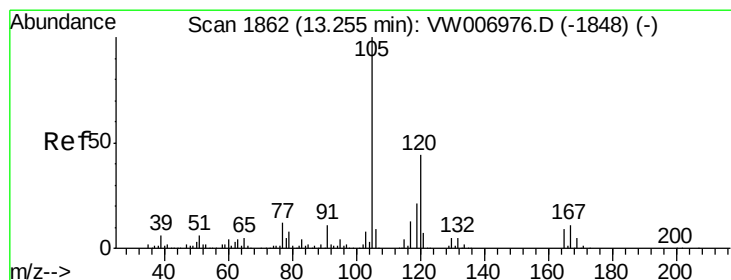
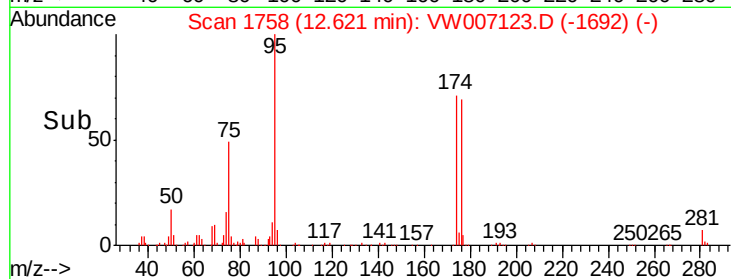
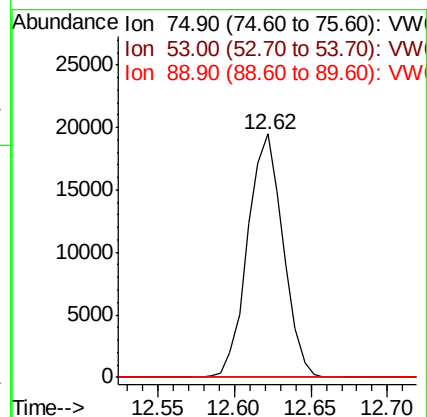
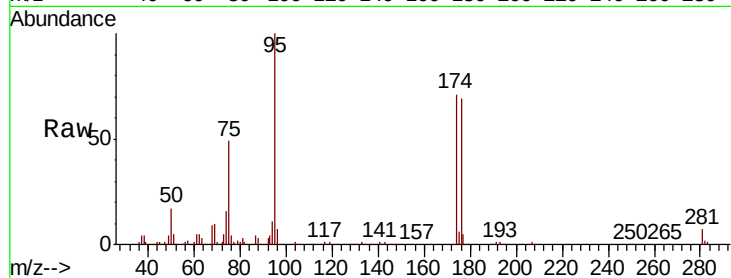
Tot Ion: 75 Resp: 31375

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.2 39.3 58.9#



#84

1,2,4-Trimethylbenzene

Concen: 2.850 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW007123.D

Acq: 28 Nov 2018 19:22

Tgt Ion: 105 Resp: 10664

Ion Ratio Lower Upper

105 100

120 44.3 21.8 65.3

