

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120518\
 Data File : VW007273.D
 Acq On : 06 Dec 2018 11:19
 Operator : SY/AP
 Sample : J6214-07
 Misc : 5.73G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 12:41:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

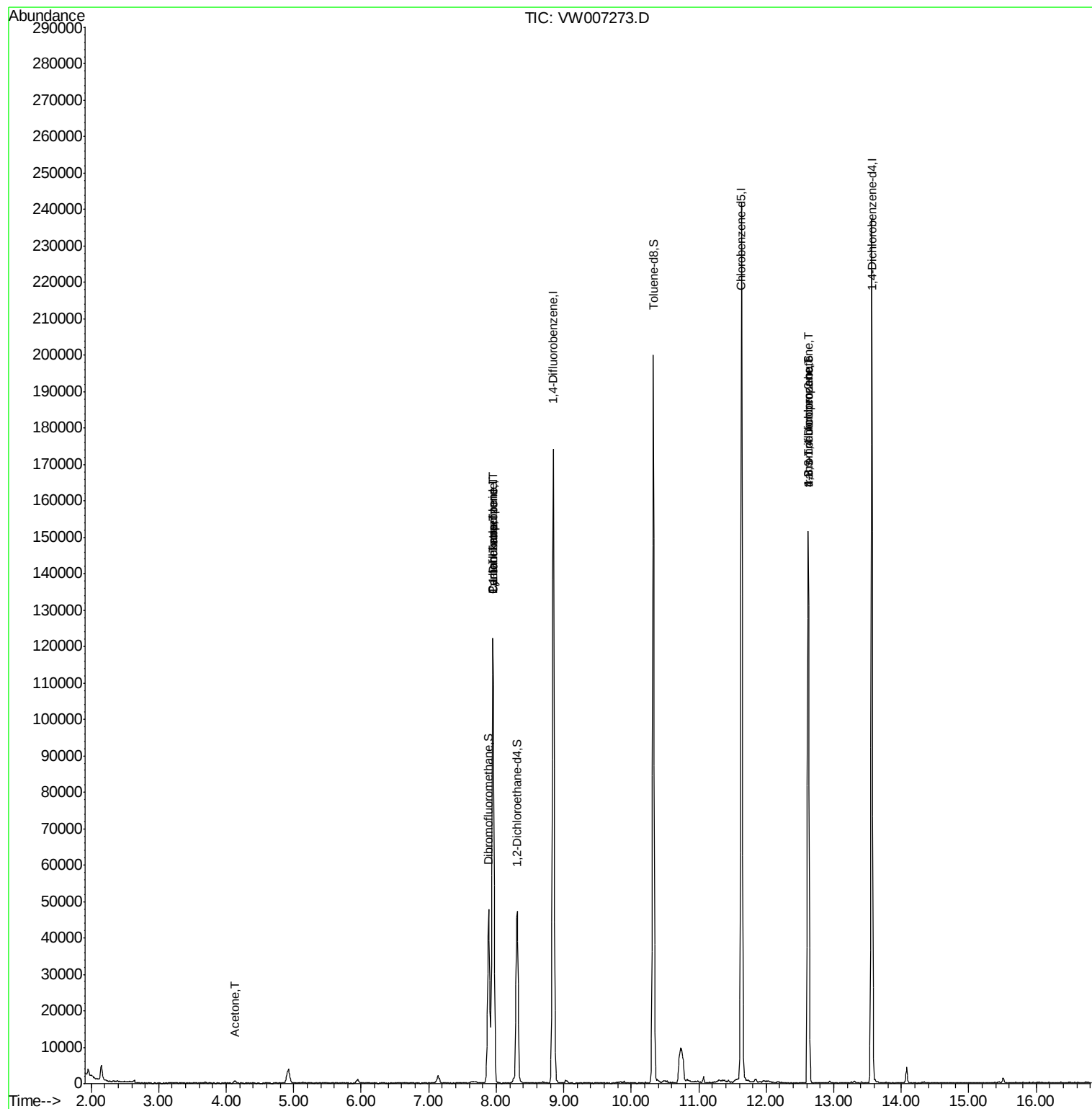
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	90310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	151454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	136203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	63601	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	39423	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
35) Dibromofluoromethane	7.89	113	35109	40.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.96%	
50) Toluene-d8	10.32	98	137239	35.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.86%	
62) 4-Bromofluorobenzene	12.62	95	49619	34.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.13	59	109	Below Cal	#	75
16) Acetone	4.12	43	1207	6.064	ug/l	97
20) Methylene Chloride	4.92	84	3325	Below Cal	#	82
31) Cyclohexane	7.95	56	1773	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	6621	4.493	ug/l #	49
38) Carbon Tetrachloride	7.96	117	9413	6.258	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	24854	50.468	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	24854	108.777	ug/l #	13

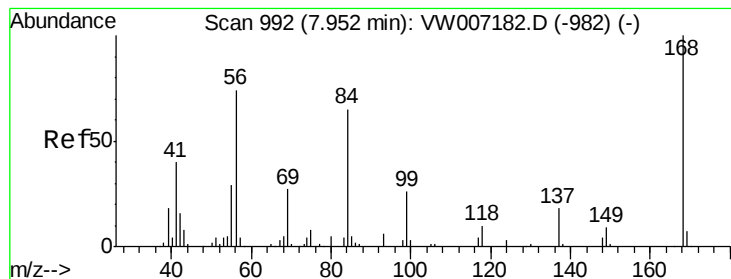
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120518\
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ClientSampleId :

Quant Time: Dec 06 12:41:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007273.D

Acq: 06 Dec 2018 11:19

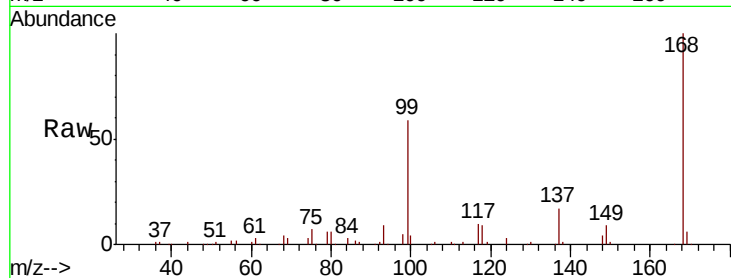
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 90310

Ion Ratio Lower Upper

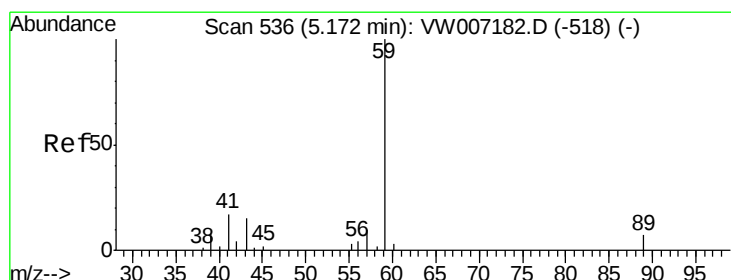
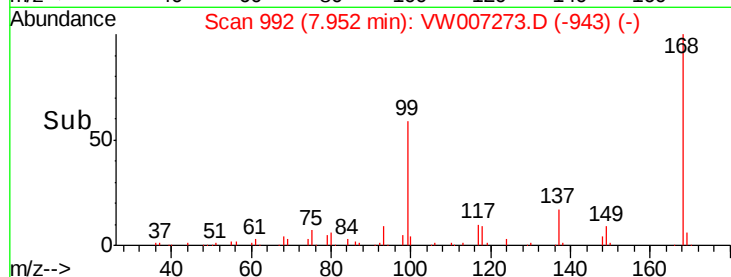
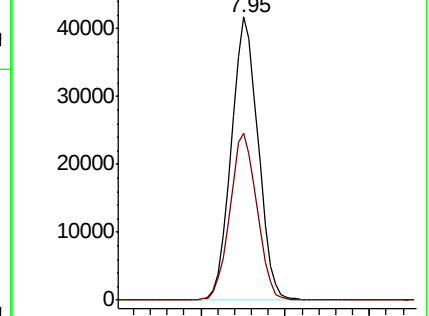
168 100

99 58.9 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.13 min Scan# 530

Delta R.T. -0.04 min

Lab File: VW007273.D

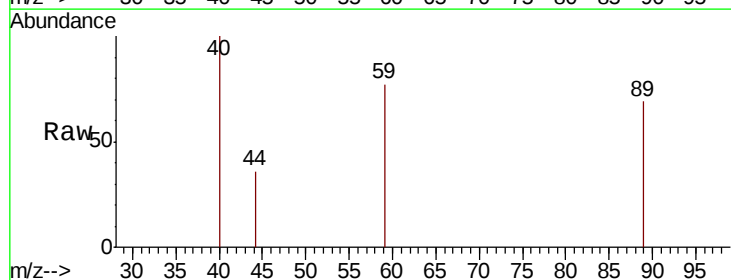
Acq: 06 Dec 2018 11:19

Tgt Ion: 59 Resp: 109

Ion Ratio Lower Upper

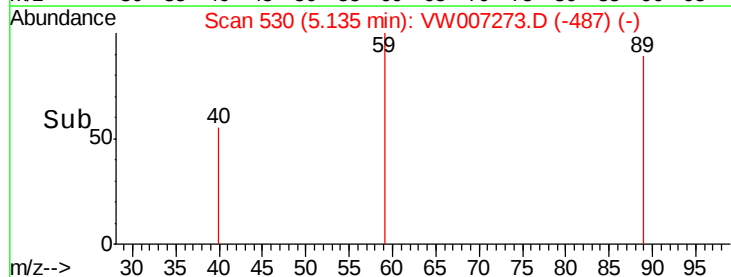
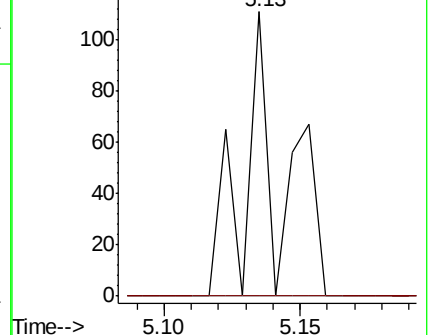
59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 6.064 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007273.D

Acq: 06 Dec 2018 11:19

Instrument :

MSVOA_W

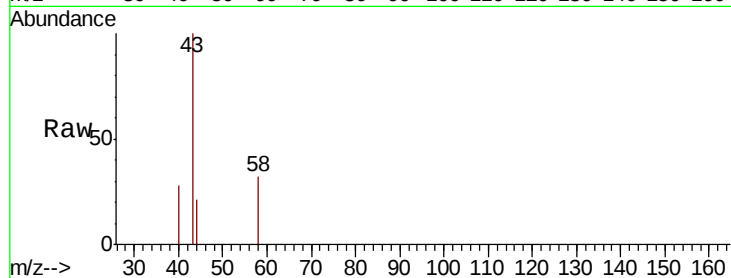
ClientSampled :

Tot Ion: 43 Resp: 1207

Ion Ratio Lower Upper

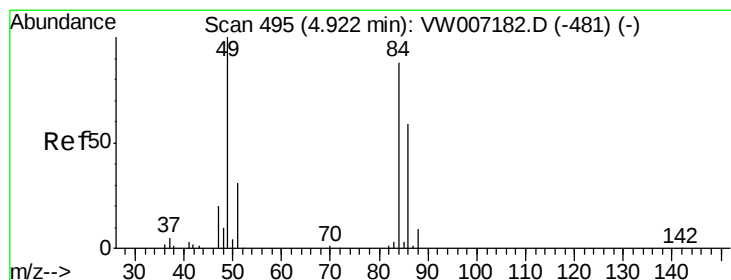
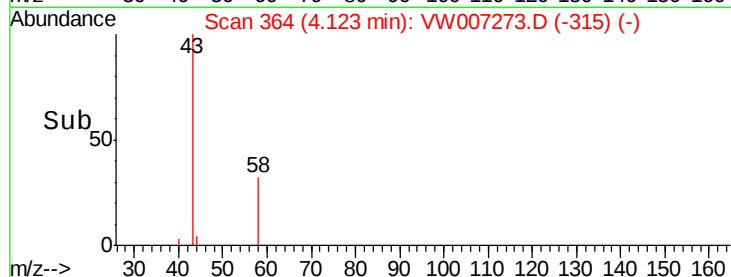
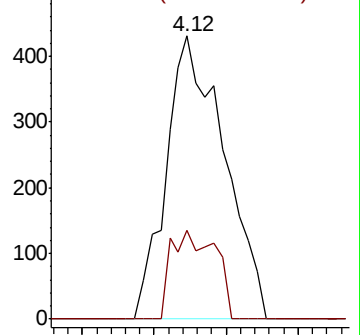
43 100

58 31.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007273.D

Acq: 06 Dec 2018 11:19

Tgt Ion: 84 Resp: 3325

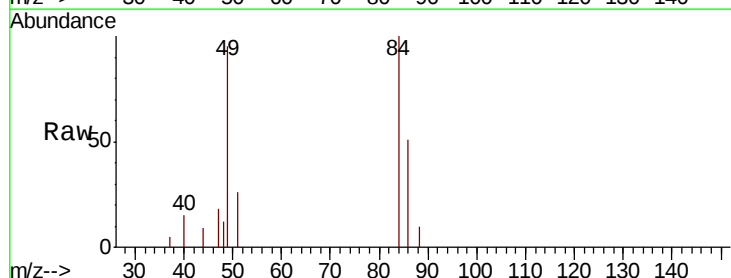
Ion Ratio Lower Upper

84 100

49 94.9 90.6 135.8

51 26.1 27.6 41.4#

86 50.8 53.7 80.5#

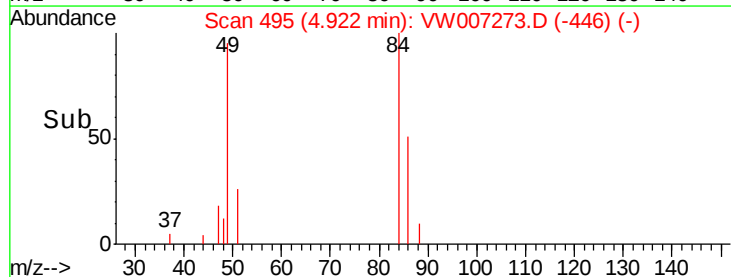
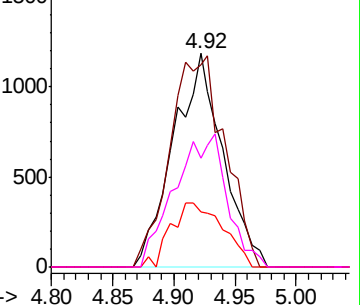


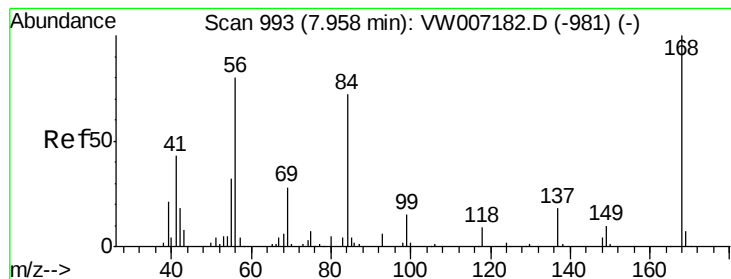
Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.063 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW007273.D

Acq: 06 Dec 2018 11:19

Instrument :

MSVOA_W

ClientSampleId :

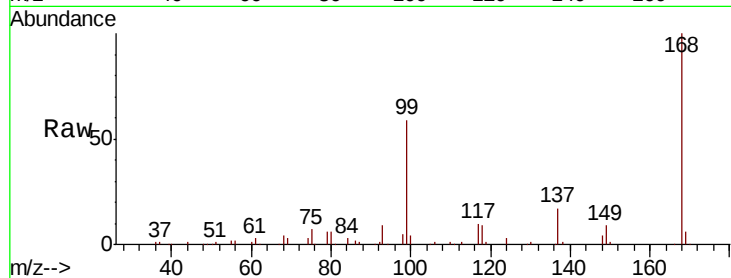
Tot Ion: 56 Resp: 1773

Ion Ratio Lower Upper

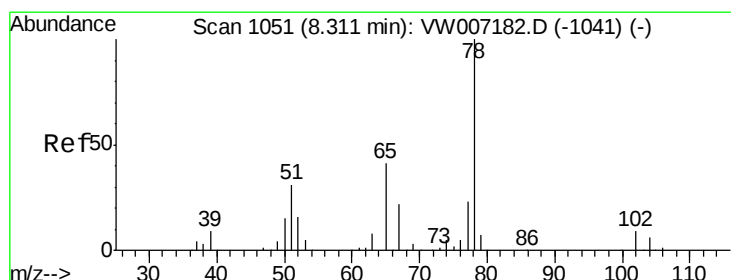
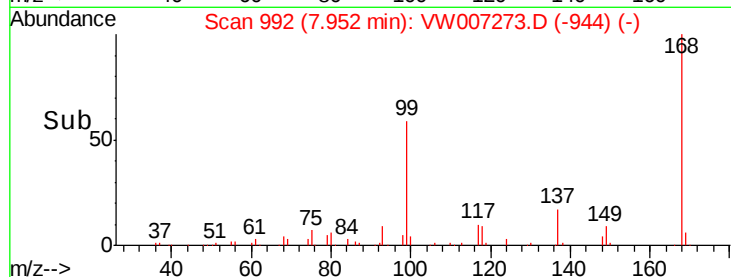
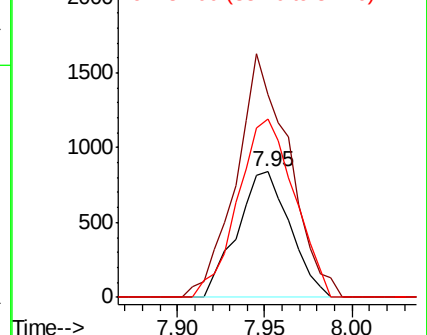
56 100

69 161.2 28.2 42.2#

84 142.3 72.1 108.1#



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: 46.886 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007273.D

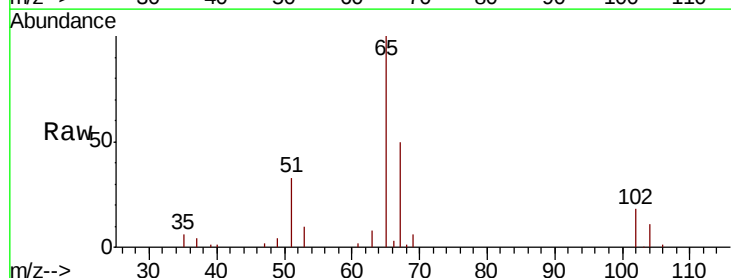
Acq: 06 Dec 2018 11:19

Tgt Ion: 65 Resp: 39423

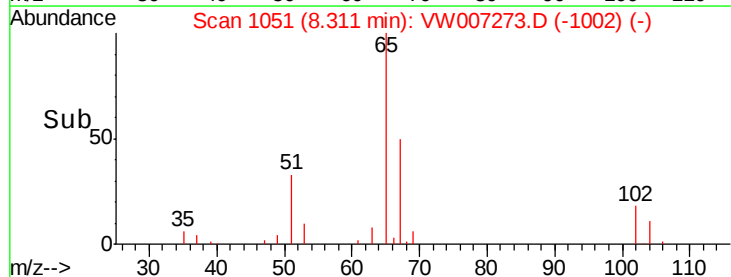
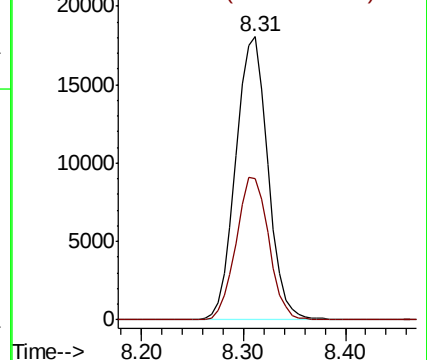
Ion Ratio Lower Upper

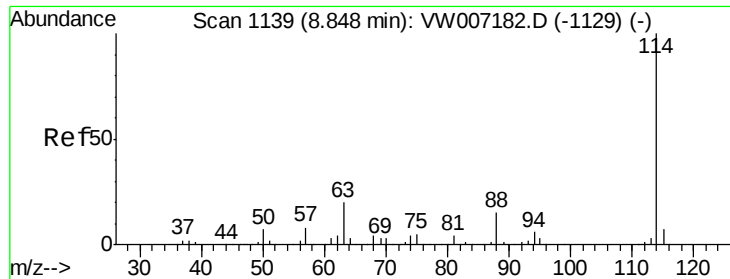
65 100

67 51.1 0.0 106.4



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

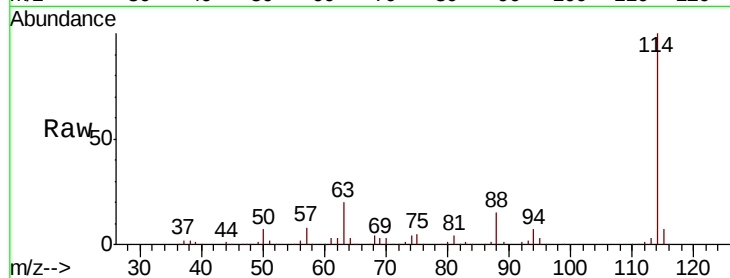




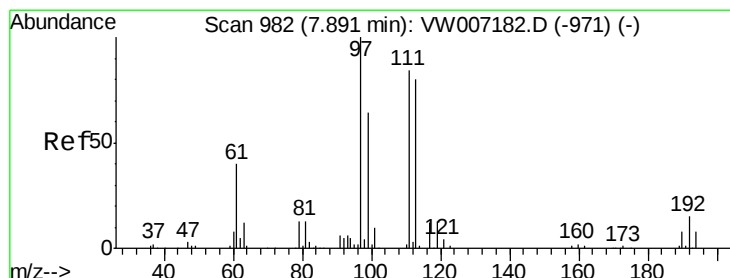
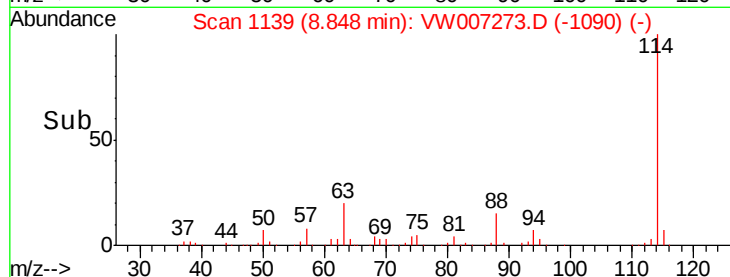
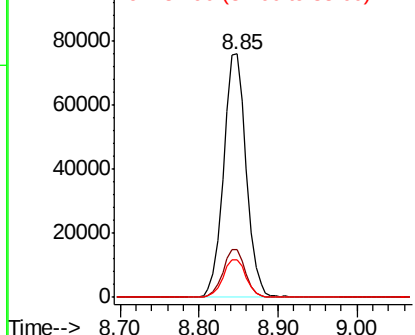
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007273.D
 Acq: 06 Dec 2018 11:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 151454
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.2
 88 15.3 0.0 30.0

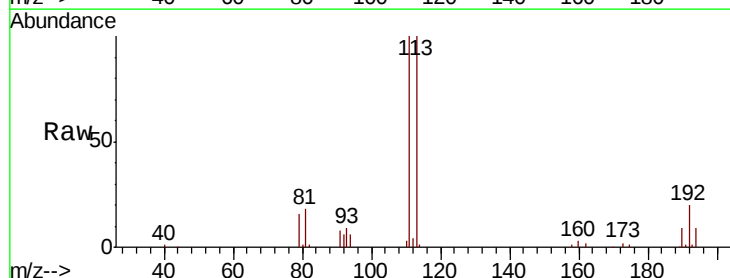


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

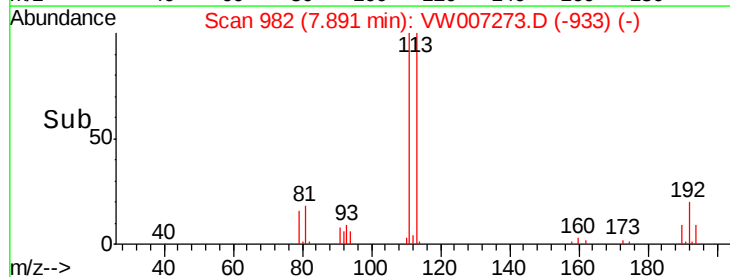
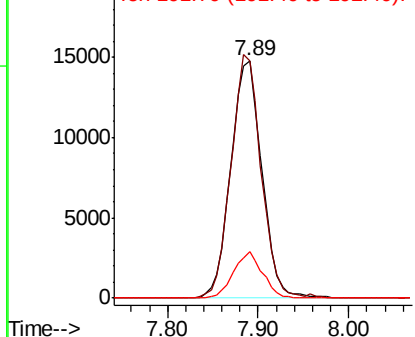


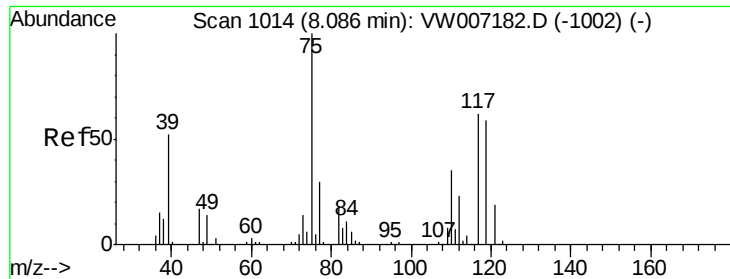
#35
 Dibromofluoromethane
 Concen: 40.484 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007273.D
 Acq: 06 Dec 2018 11:19

Tgt Ion:113 Resp: 35109
 Ion Ratio Lower Upper
 113 100
 111 99.4 82.2 123.4
 192 18.2 14.4 21.6



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

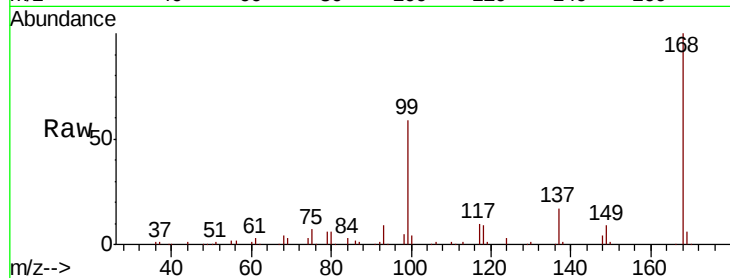




#36
 1,1-Dichloropropene
 Concen: 4.493 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007273.D
 Acq: 06 Dec 2018 11:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	75	Resp	6621
Ion Ratio	Lower	Upper	
75	100		
110	9.3	18.3	54.9#
77	0.0	24.9	37.3#

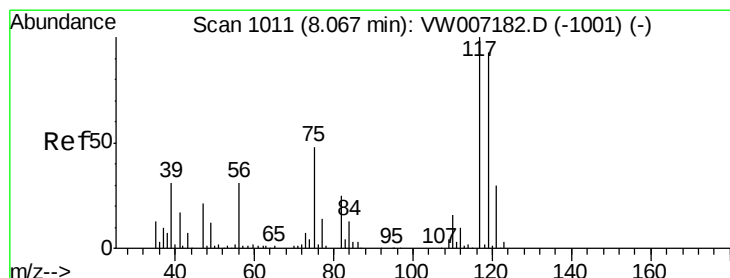
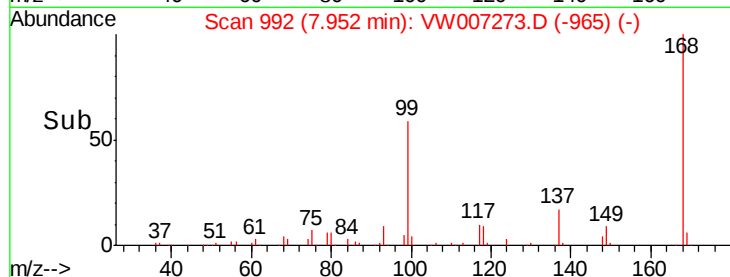
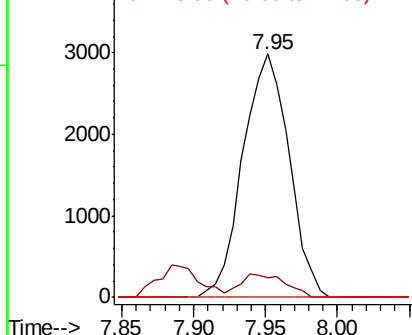


Abundance

Ion 74.90 (74.60 to 75.60): VW

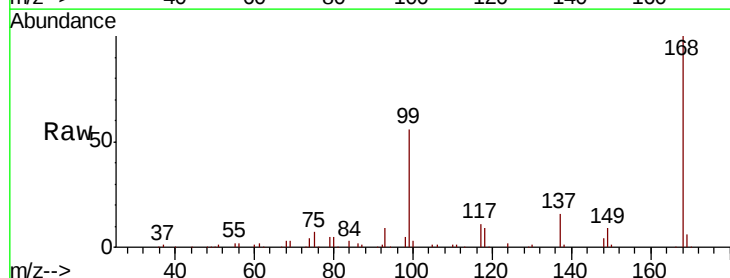
Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38
 Carbon Tetrachloride
 Concen: 6.258 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.11 min
 Lab File: VW007273.D
 Acq: 06 Dec 2018 11:19

Tgt Ion	117	Resp	9413
Ion Ratio	Lower	Upper	
117	100		
119	3.6	74.1	111.1#
121	0.0	23.9	35.9#

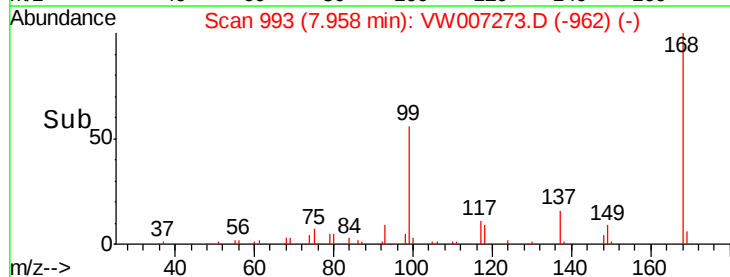
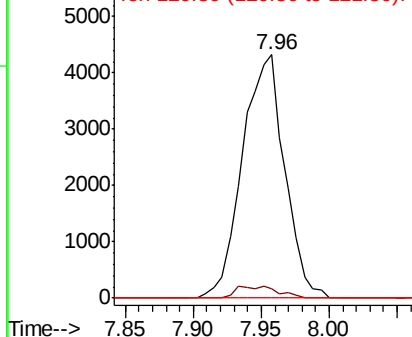


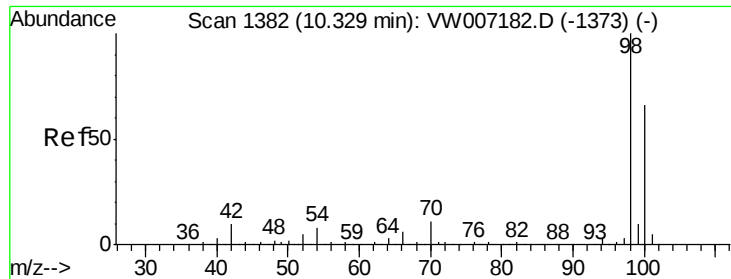
Abundance

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: 35.926 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007273.D

Acq: 06 Dec 2018 11:19

Instrument :

MSVOA_W

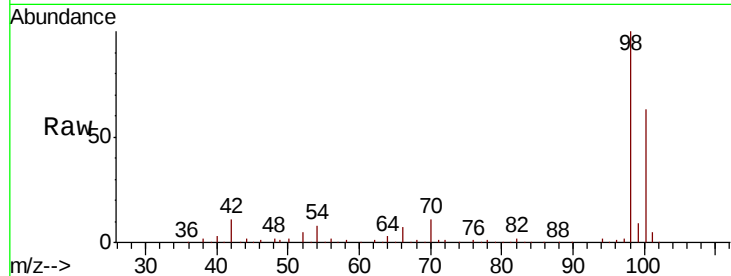
ClientSampleId :

Tot Ion: 98 Resp: 137239

Ion Ratio Lower Upper

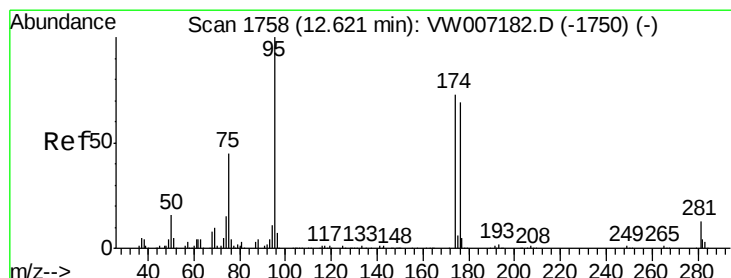
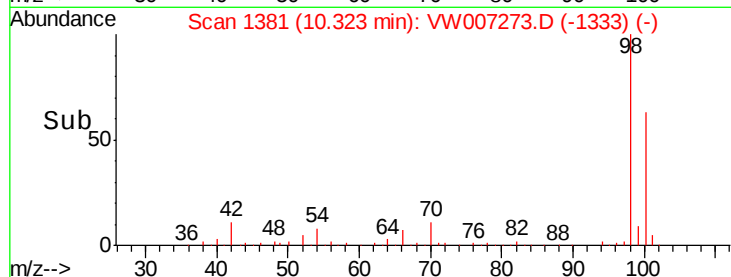
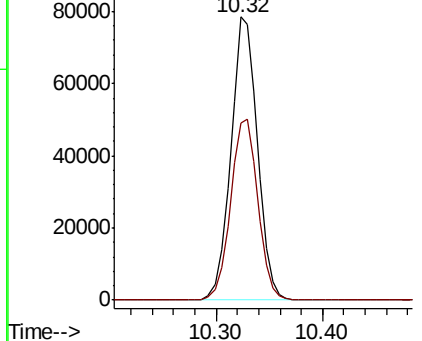
98 100

100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 34.413 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007273.D

Acq: 06 Dec 2018 11:19

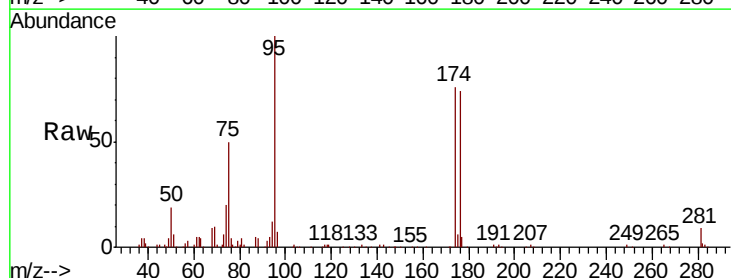
Tgt Ion: 95 Resp: 49619

Ion Ratio Lower Upper

95 100

174 77.7 0.0 148.0

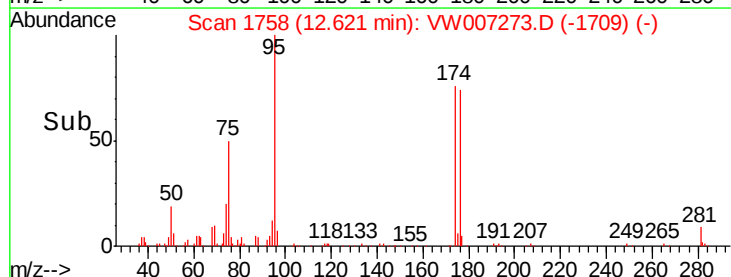
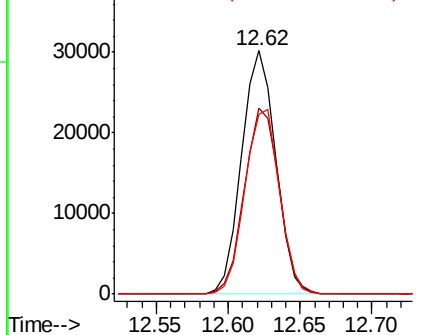
176 76.7 0.0 139.4

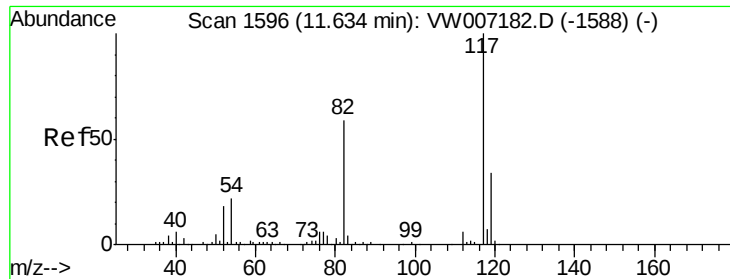


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

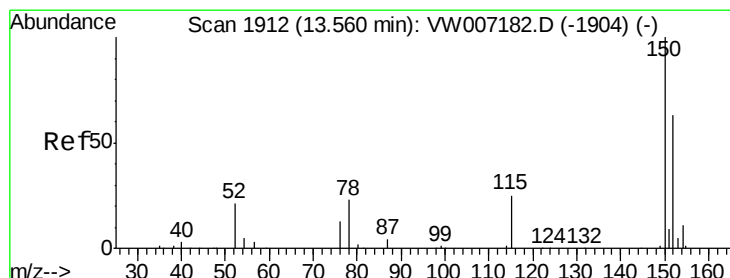
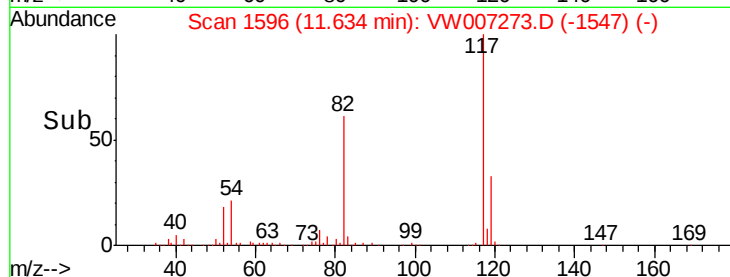
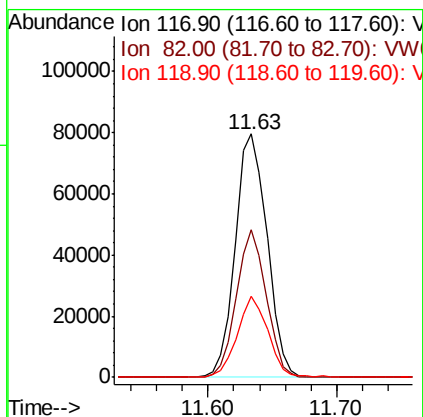
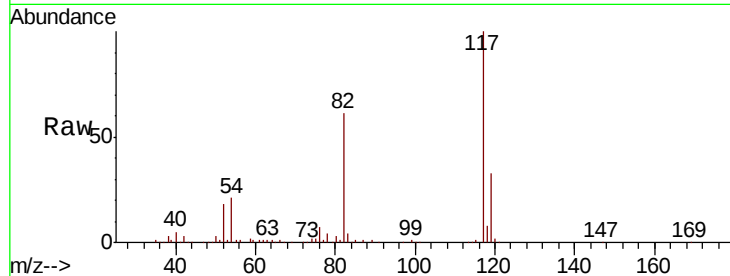




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007273.D
Acq: 06 Dec 2018 11:19

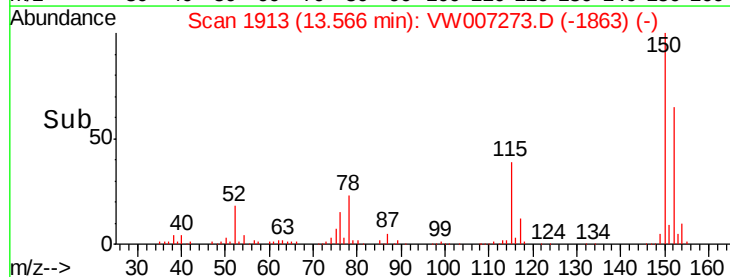
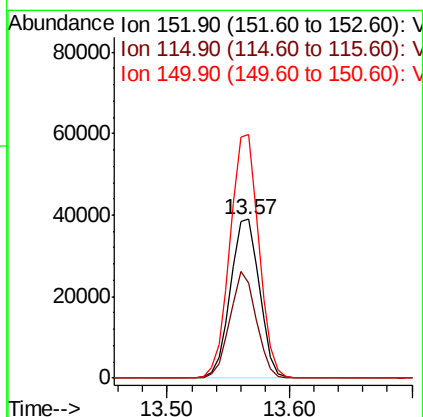
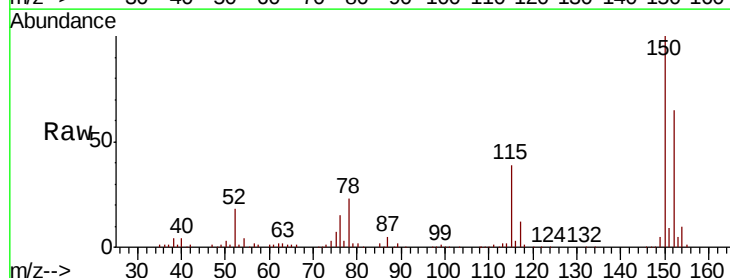
Instrument :
MSVOA_W
ClientSampled :

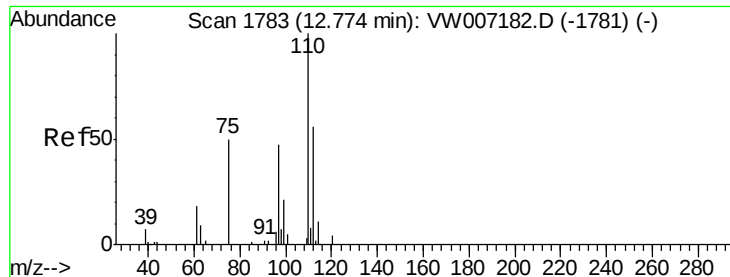
Tot Ion:117 Resp: 136203
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 33.1 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007273.D
Acq: 06 Dec 2018 11:19

Tgt Ion:152 Resp: 63601
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 152.4 0.0 358.0





#76

1,2,3-Trichloropropane

Concen: 50.468 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007273.D

Acq: 06 Dec 2018 11:19

Instrument :

MSVOA_W

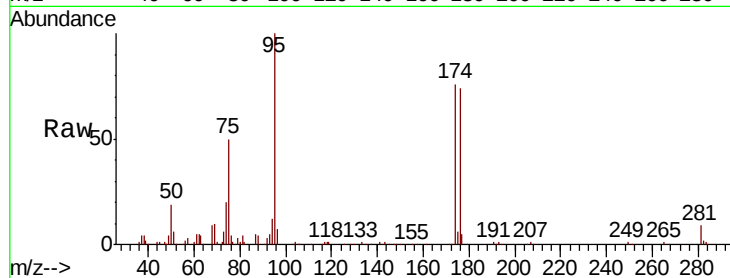
ClientSampleId :

Tot Ion: 75 Resp: 24854

Ion Ratio Lower Upper

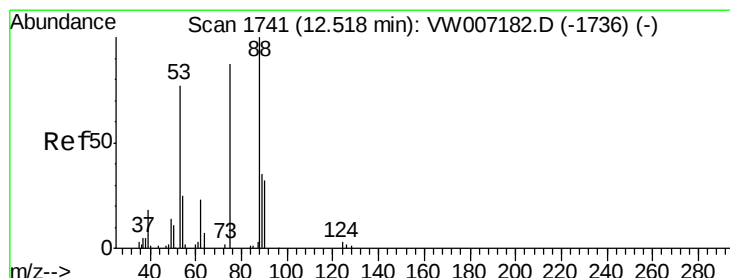
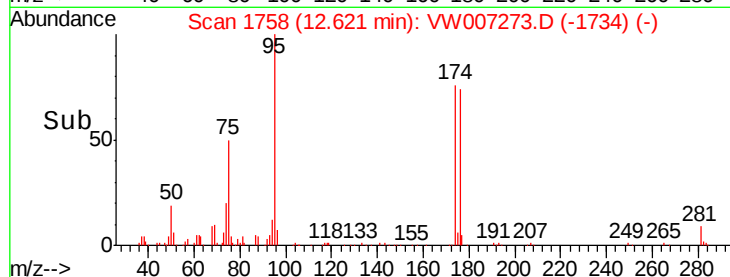
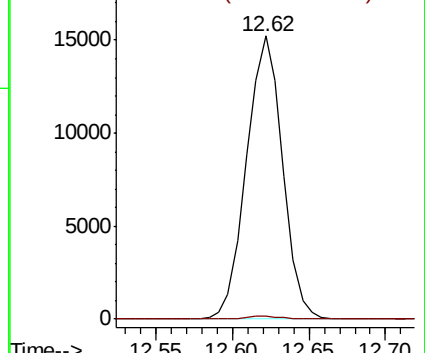
75 100

77 0.9 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: 108.777 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007273.D

Acq: 06 Dec 2018 11:19

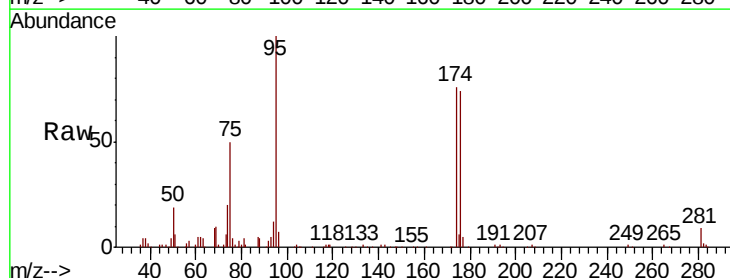
Tgt Ion: 75 Resp: 24854

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.1 36.4 54.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

