

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122518\
 Data File : VW007899.D
 Acq On : 24 Dec 2018 19:44
 Operator : SY/AP
 Sample : J6446-20
 Misc : 5.58G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 25 02:05:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	17970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	29970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	24537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9095	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	11436	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
35) Dibromofluoromethane	7.88	113	9662	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
50) Toluene-d8	10.32	98	30634	44.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.90%	
62) 4-Bromofluorobenzene	12.62	95	9762	36.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.32%	

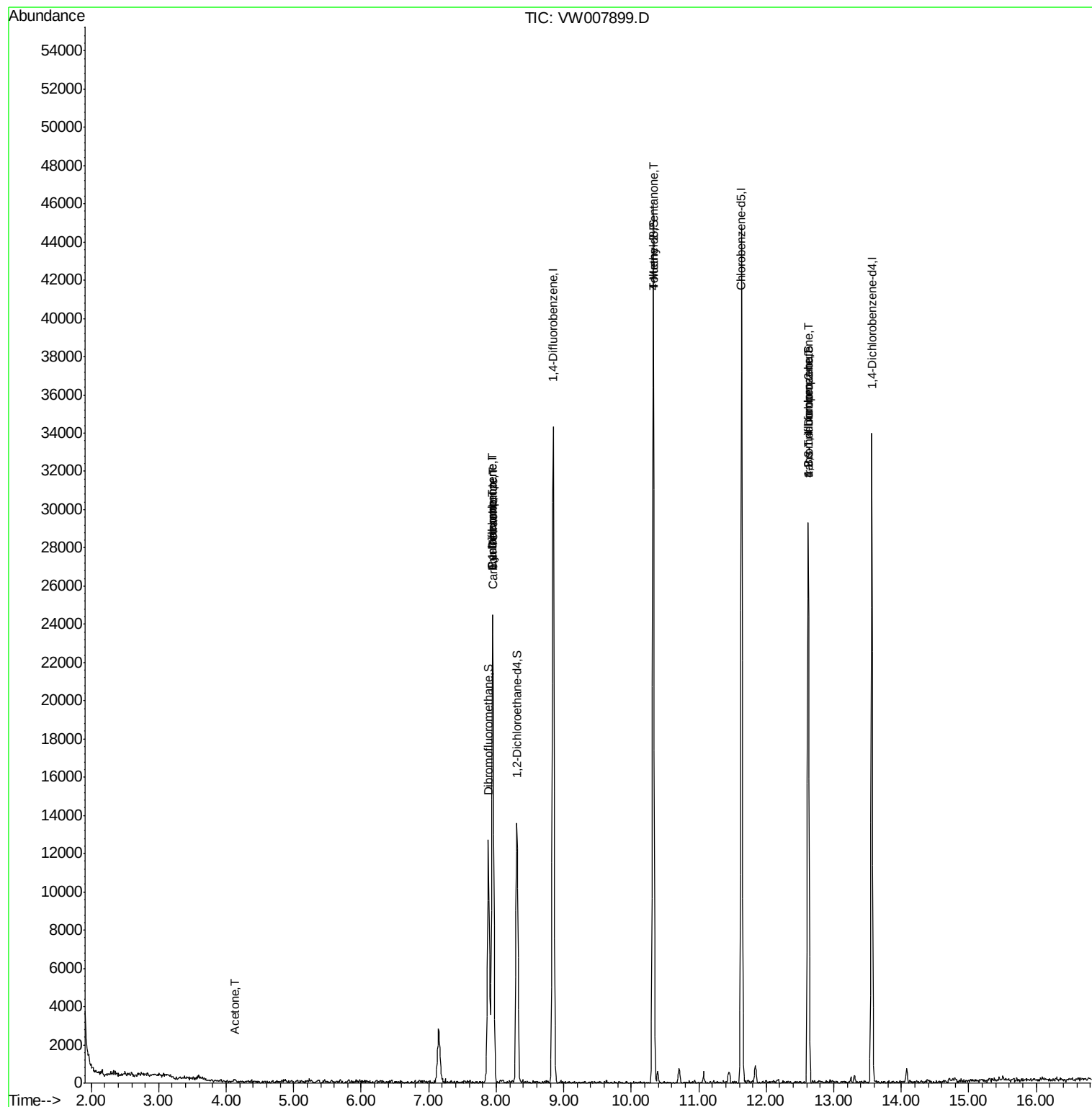
Target Compounds					Qvalue	
16) Acetone	4.13	43	93	2.522	ug/l #	48
31) Cyclohexane	7.94	56	349	1.190	ug/l #	51
36) 1,1-Dichloropropene	7.95	75	1311	4.532	ug/l #	42
38) Carbon Tetrachloride	7.96	117	1909	5.604	ug/l #	11
51) 4-Methyl-2-Pentanone	10.32	43	97	1.026	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	5271	74.983	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	5271	157.395	ug/l #	9

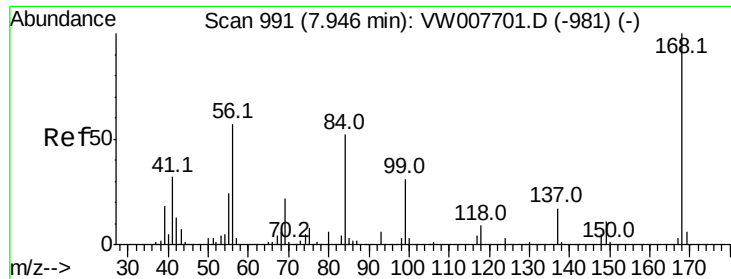
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

Quant Time: Dec 25 02:05:17 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
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: VW007899.D

Acq: 24 Dec 2018 19:44

Instrument :

MSVOA_W

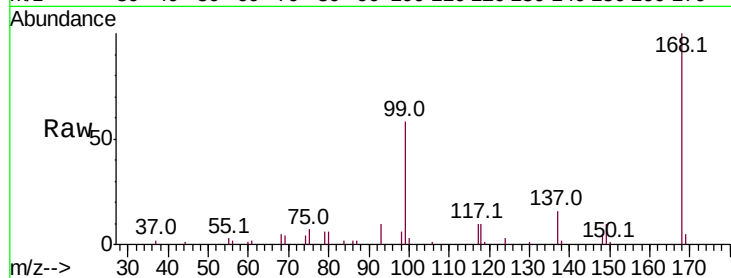
ClientSampleId :

Tot Ion:168 Resp: 17970

Ion Ratio Lower Upper

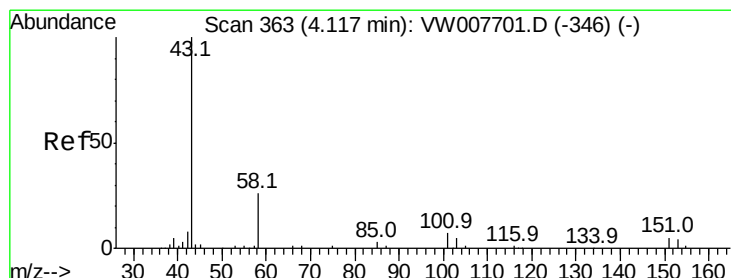
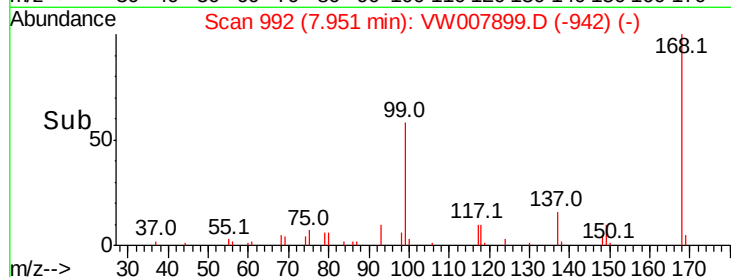
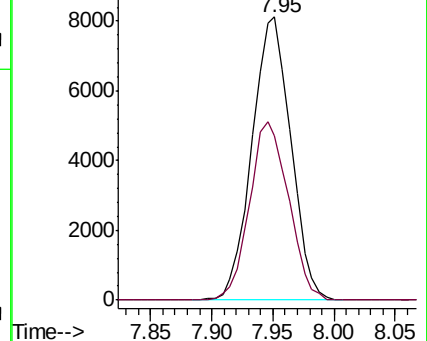
168 100

99 58.0 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.522 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007899.D

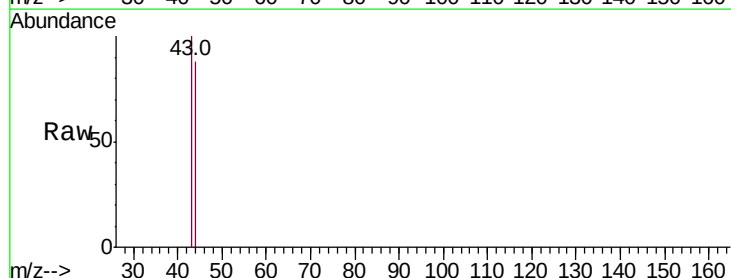
Acq: 24 Dec 2018 19:44

Tgt Ion: 43 Resp: 93

Ion Ratio Lower Upper

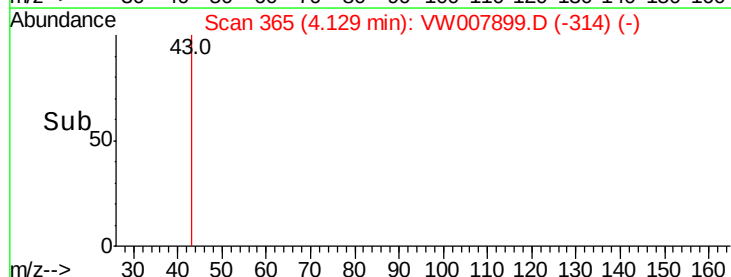
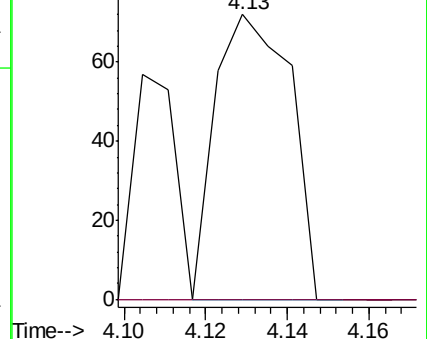
43 100

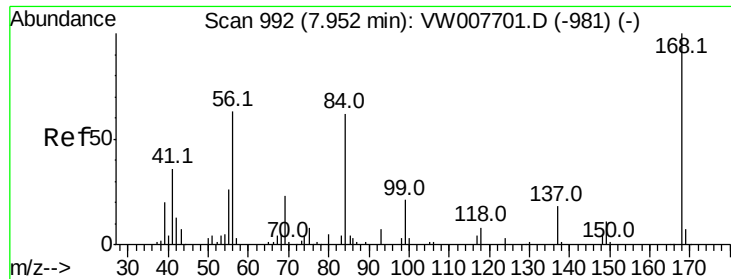
58 0.0 21.2 31.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

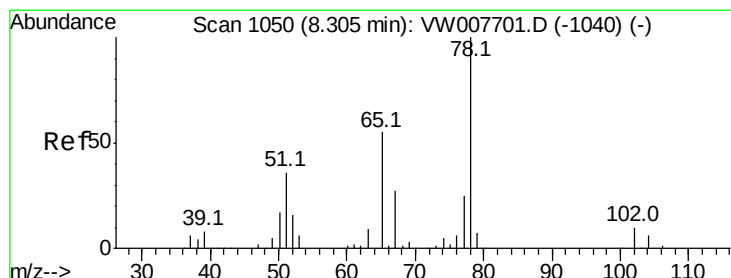
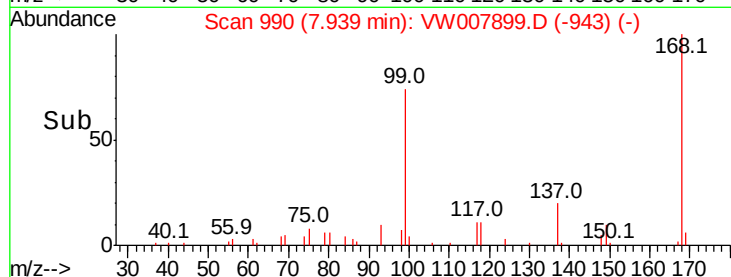
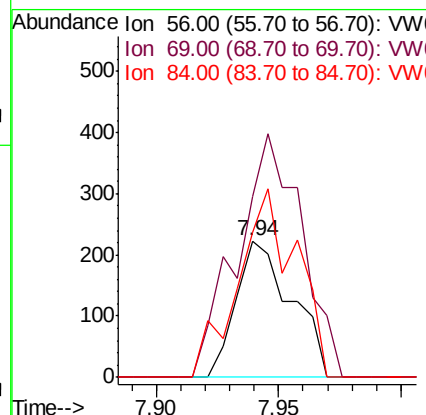
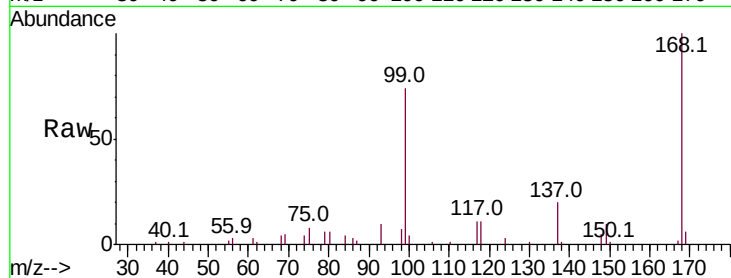




#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007899.D
Acq: 24 Dec 2018 19:44

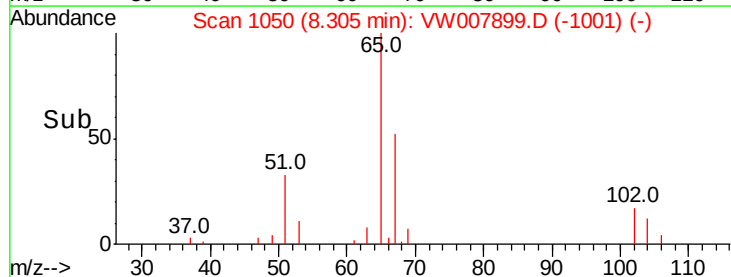
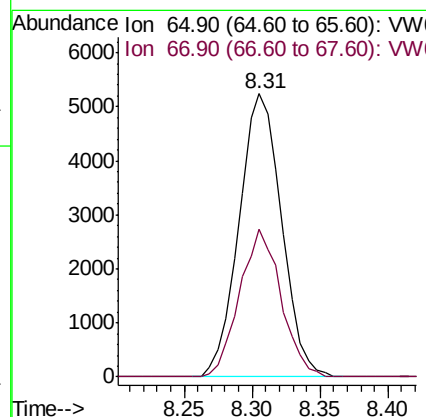
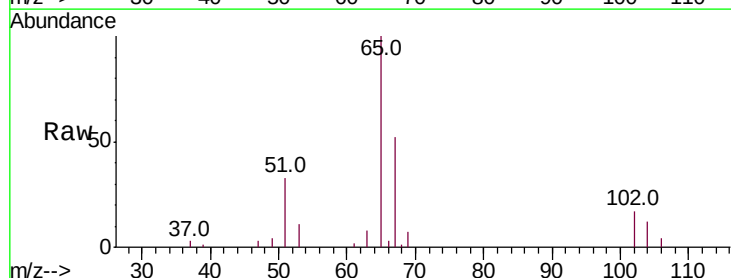
Instrument :
MSVOA_W
ClientSampled :

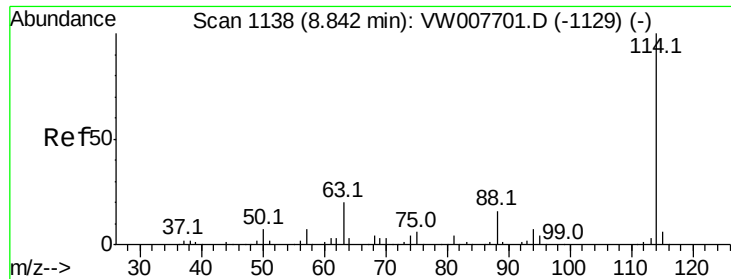
Tot Ion: 56 Resp: 349
Ion Ratio Lower Upper
56 100
69 132.7 29.7 44.5#
84 105.8 78.9 118.3



#33
1,2-Dichloroethane-d4
Concen: 58.063 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007899.D
Acq: 24 Dec 2018 19:44

Tgt Ion: 65 Resp: 11436
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW007899.D

Acq: 24 Dec 2018 19:44

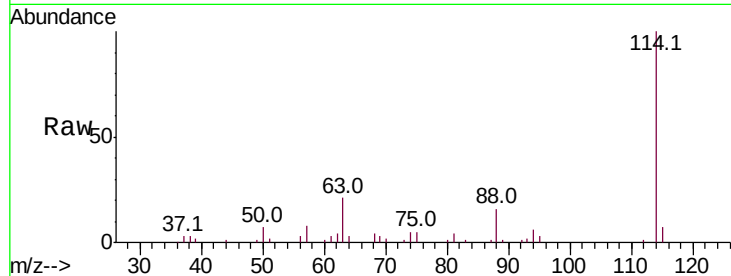
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:114 Resp: 29970

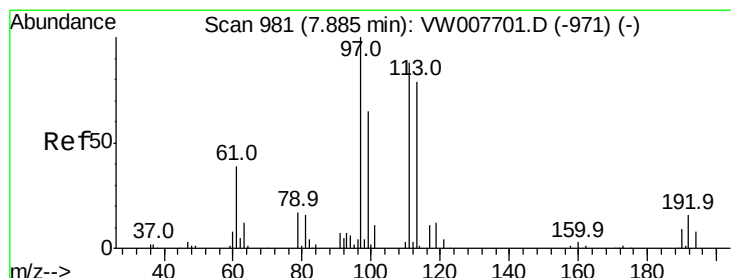
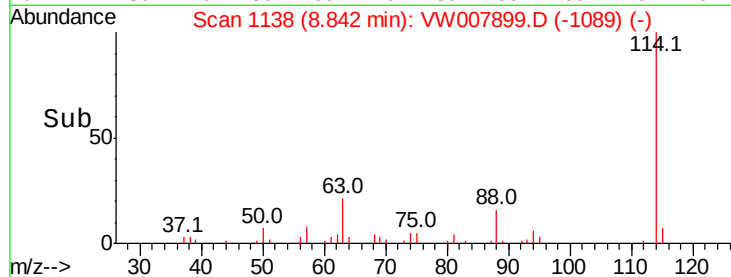
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.0
88	15.5	0.0	32.6



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: 52.846 ug/l

RT: 7.88 min Scan# 981

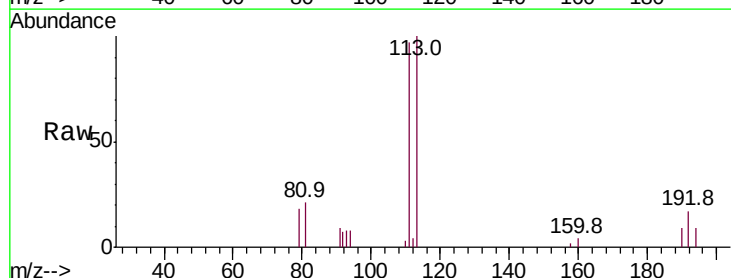
Delta R.T. -0.00 min

Lab File: VW007899.D

Acq: 24 Dec 2018 19:44

Tgt Ion:113 Resp: 9662

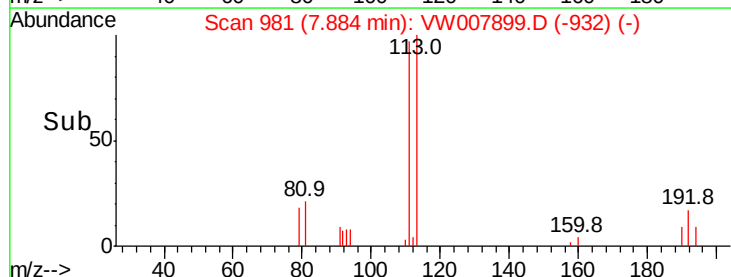
Ion	Ratio	Lower	Upper
113	100		
111	95.0	82.6	124.0
192	18.0	15.5	23.3

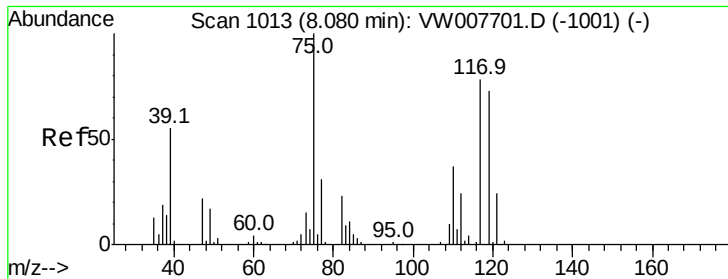


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

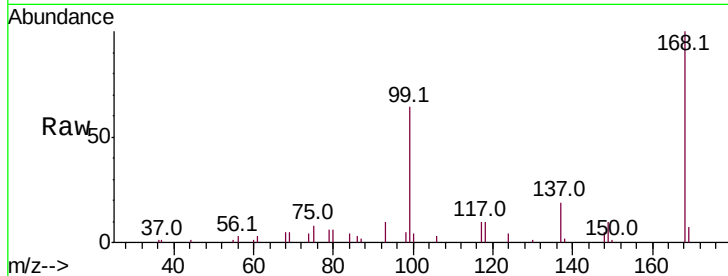




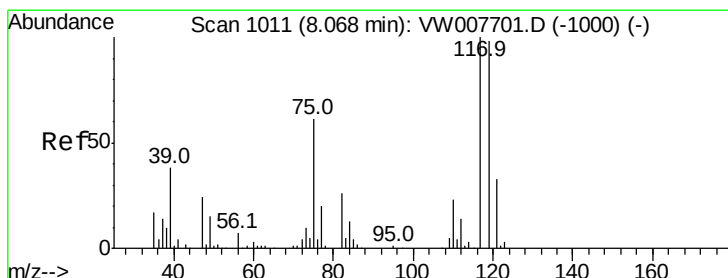
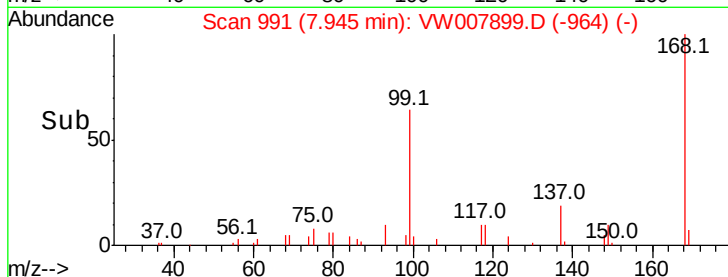
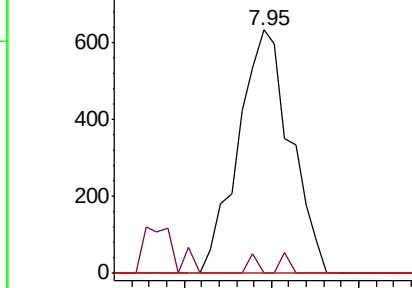
#36
 1,1-Dichloropropene
 Concen: 4.532 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007899.D
 Acq: 24 Dec 2018 19:44

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 75 Resp: 1311
 Ion Ratio Lower Upper
 75 100
 110 1.4 18.6 55.8#
 77 0.0 25.0 37.4#

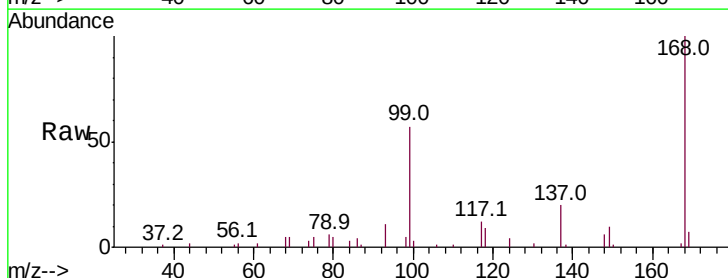


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

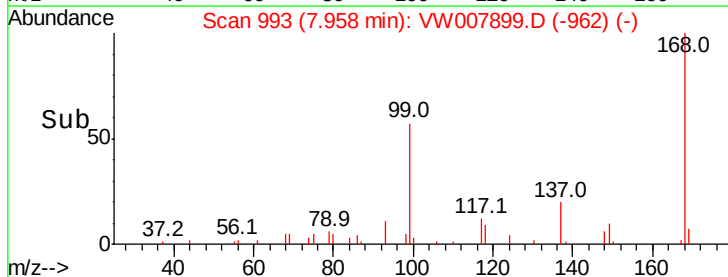
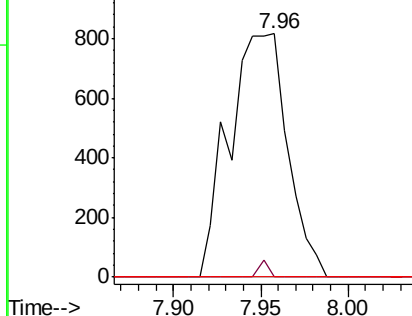


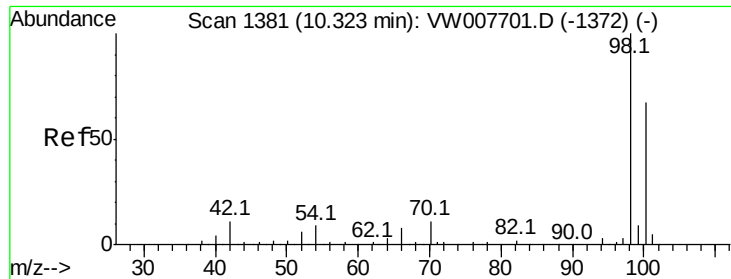
#38
 Carbon Tetrachloride
 Concen: 5.604 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.11 min
 Lab File: VW007899.D
 Acq: 24 Dec 2018 19:44

Tgt Ion: 117 Resp: 1909
 Ion Ratio Lower Upper
 117 100
 119 0.0 78.2 117.2#
 121 0.0 26.1 39.1#



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: 44.445 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007899.D

Acq: 24 Dec 2018 19:44

Instrument :

MSVOA_W

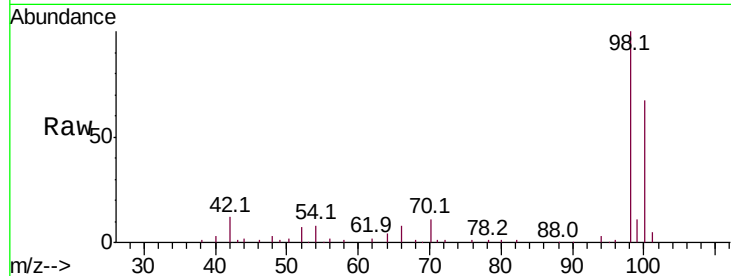
ClientSampled :

Tot Ion: 98 Resp: 30634

Ion Ratio Lower Upper

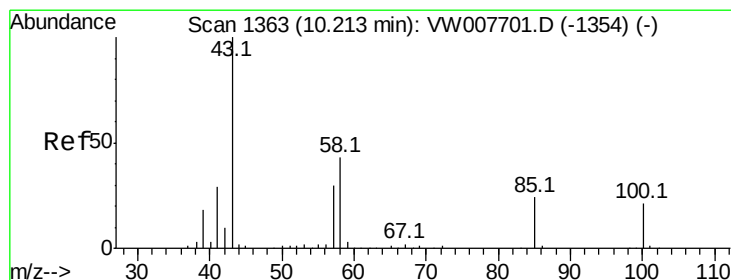
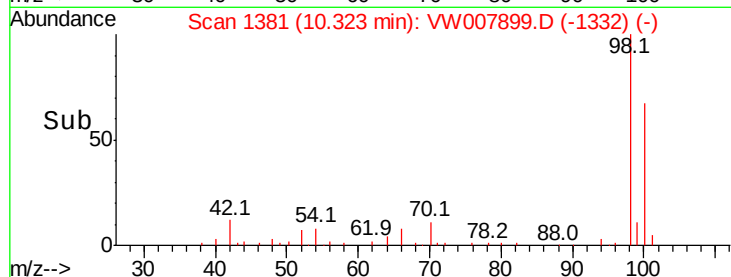
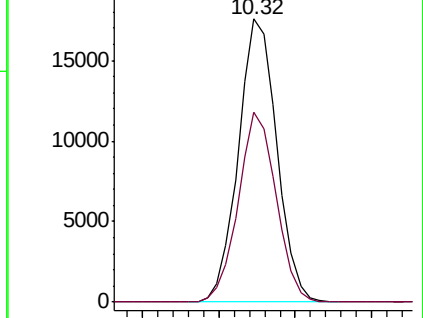
98 100

100 66.0 52.2 78.2



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: 1.026 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW007899.D

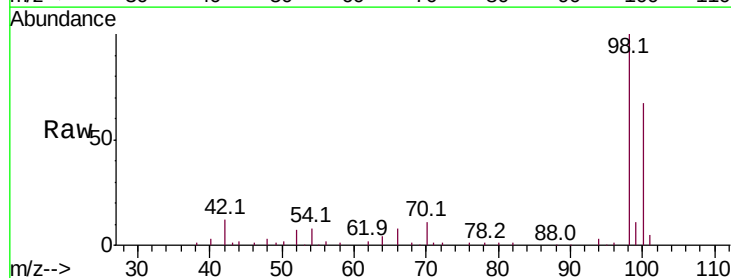
Acq: 24 Dec 2018 19:44

Tgt Ion: 43 Resp: 97

Ion Ratio Lower Upper

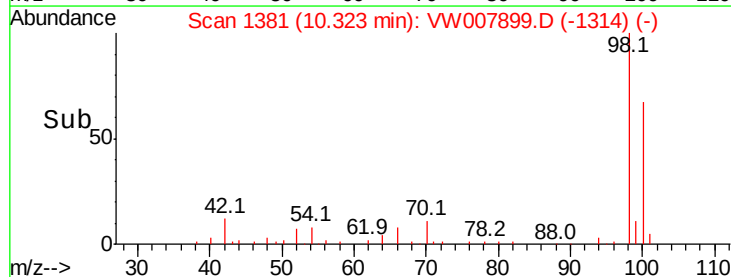
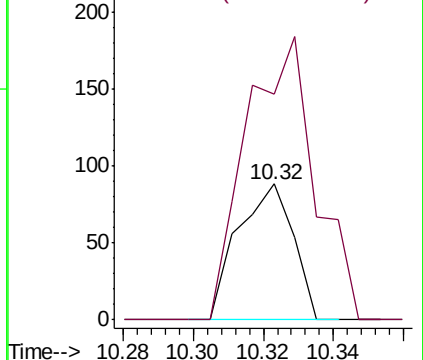
43 100

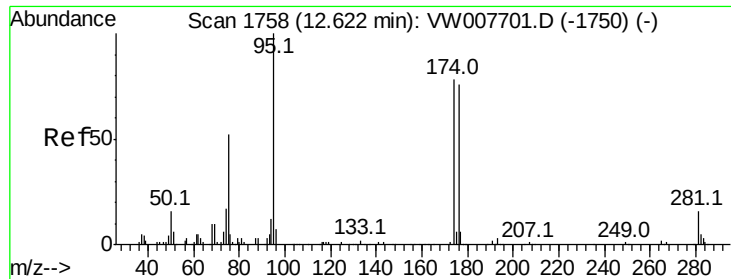
58 260.8 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

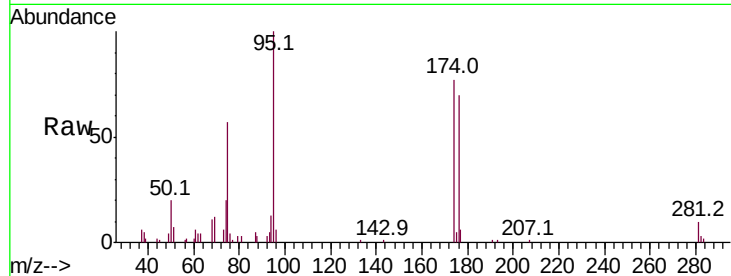




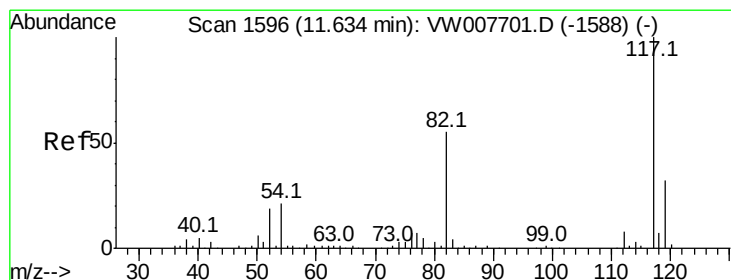
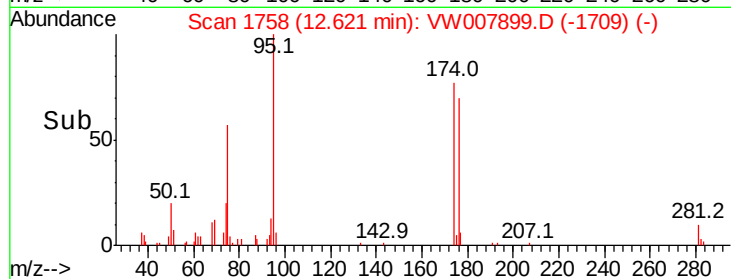
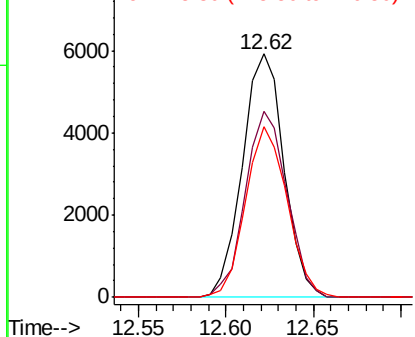
#62
4-Bromofluorobenzene
Concen: 36.662 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007899.D
Acq: 24 Dec 2018 19:44

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 9762
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.2
176 70.3 0.0 146.8

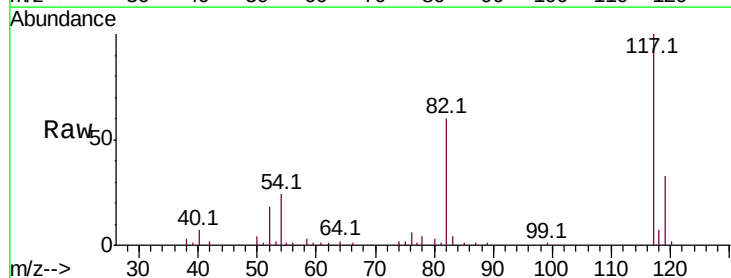


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

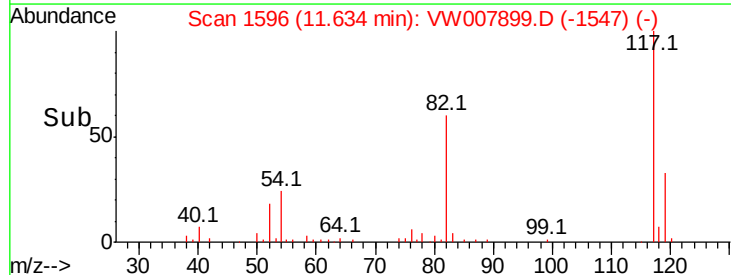
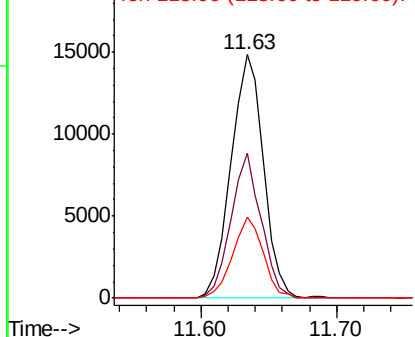


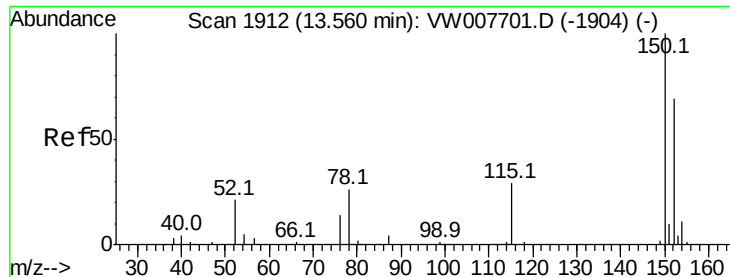
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007899.D
Acq: 24 Dec 2018 19:44

Tgt Ion: 117 Resp: 24537
Ion Ratio Lower Upper
117 100
82 59.6 44.3 66.5
119 33.2 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW

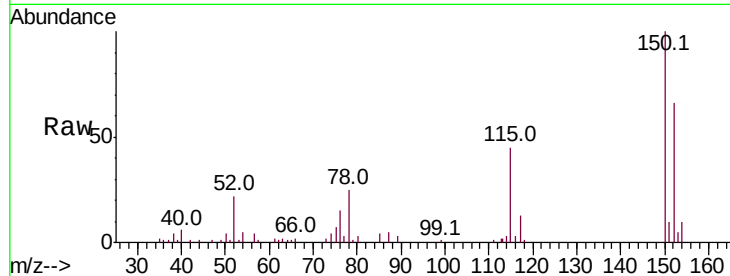




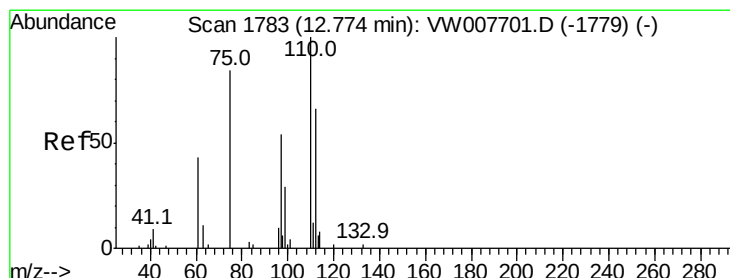
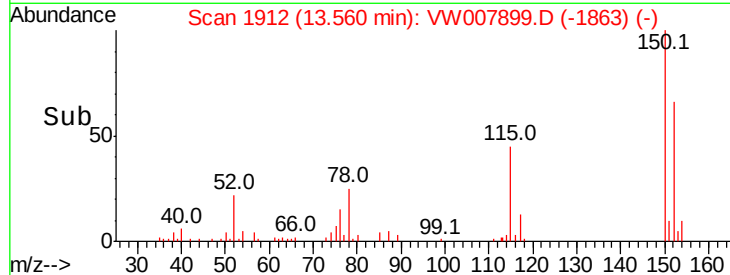
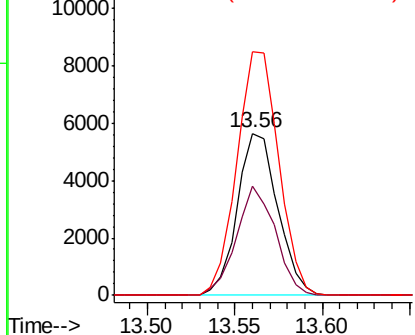
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW007899.D
 Acq: 24 Dec 2018 19:44

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:152 Resp: 9095
 Ion Ratio Lower Upper
 152 100
 115 64.6 31.8 95.4
 150 154.9 0.0 350.8

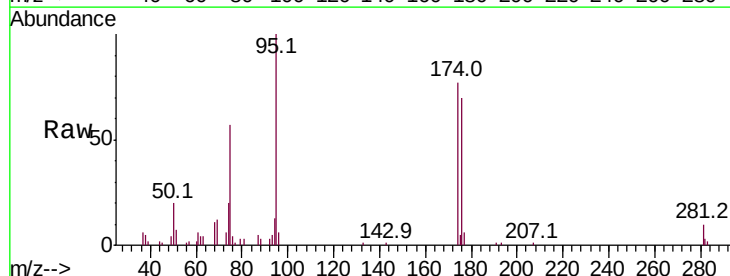


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

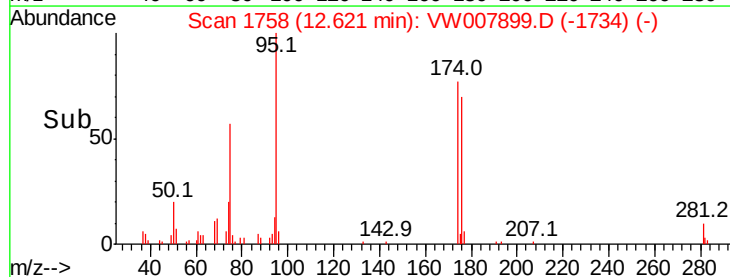
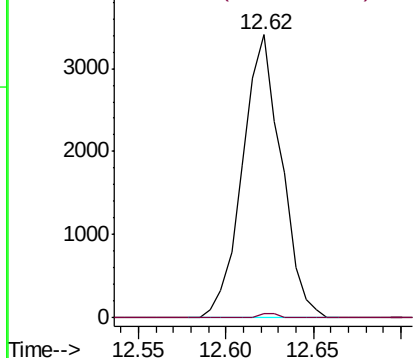


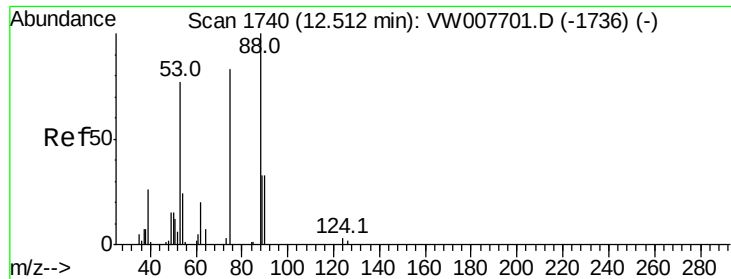
#76
 1,2,3-Trichloropropane
 Concen: 74.983 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007899.D
 Acq: 24 Dec 2018 19:44

Tgt Ion: 75 Resp: 5271
 Ion Ratio Lower Upper
 75 100
 77 0.8 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: 157.395 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW007899.D

Acq: 24 Dec 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

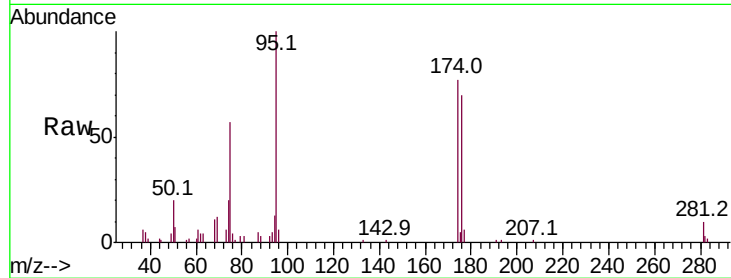
Tot Ion: 75 Resp: 5271

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

89 0.0 39.2 58.8#



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

