

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122018\
 Data File : VW007684.D
 Acq On : 19 Dec 2018 04:32
 Operator : SY/AP
 Sample : J6386-07
 Misc : 6.52G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 06:02:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	30473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	60619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	50277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17676	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	27182	80.40	ug/l	0.00
Spiked Amount			Recovery	=	160.80%	
35) Dibromofluoromethane	7.88	113	24859	67.74	ug/l	0.00
Spiked Amount			Recovery	=	135.48%	
50) Toluene-d8	10.32	98	68118	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.62	95	19063	37.68	ug/l	0.00
Spiked Amount			Recovery	=	75.36%	

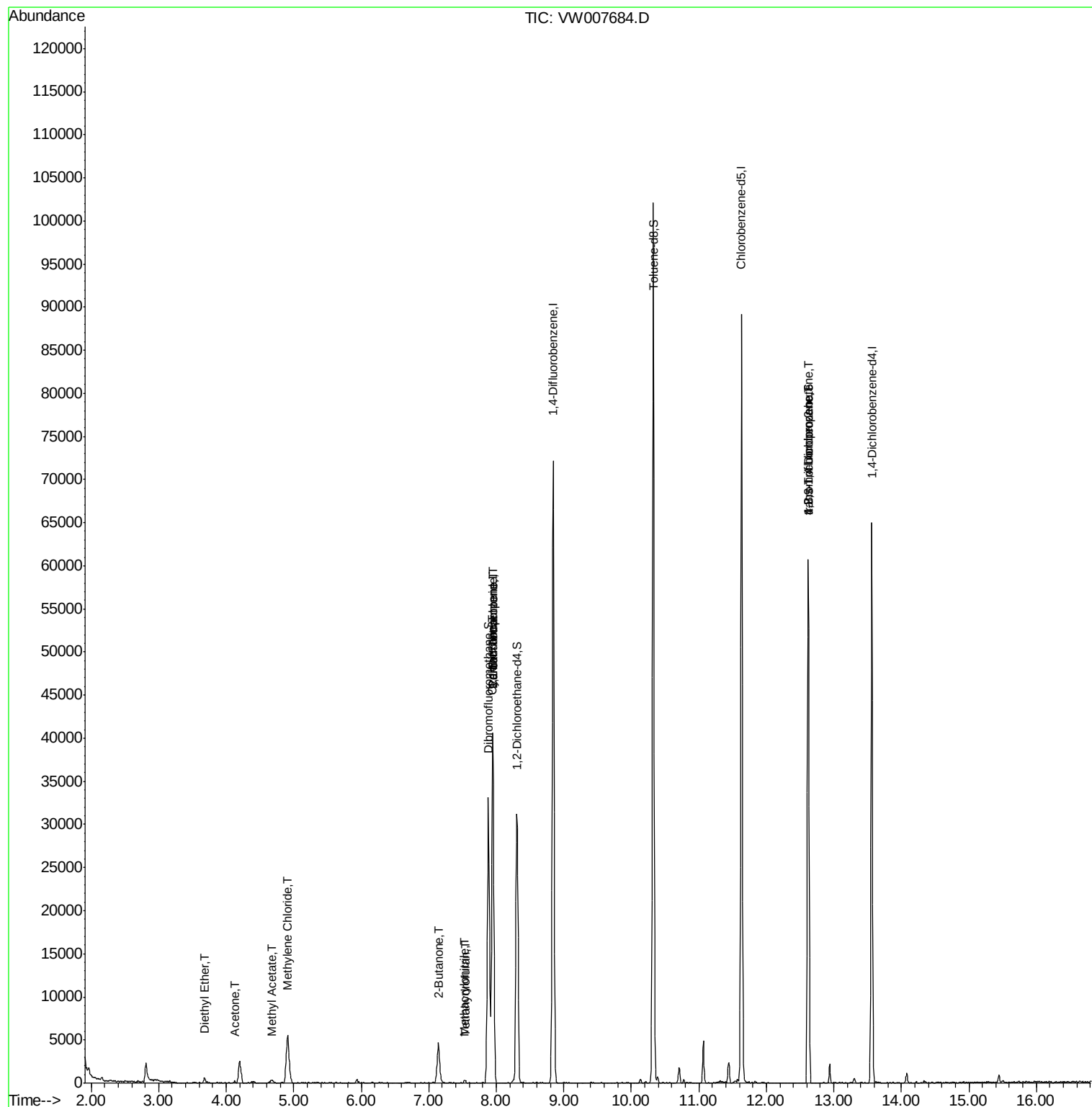
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.69	74	307	2.085	ug/l	77
16) Acetone	4.13	43	241	4.081	ug/l #	44
18) Methyl Acetate	4.67	43	823	5.135	ug/l #	74
20) Methylene Chloride	4.91	84	4358	10.392	ug/l	97
25) 2-Butanone	7.14	43	155	2.011	ug/l #	45
29) Tetrahydrofuran	7.54	42	201	4.118	ug/l #	30
31) Cyclohexane	7.94	56	673	1.281	ug/l #	31
36) 1,1-Dichloropropene	7.95	75	2151	3.890	ug/l #	51
38) Carbon Tetrachloride	7.95	117	3459	5.749	ug/l #	18
41) Methacrylonitrile	7.53	41	184	1.571	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	10500	72.044	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	10500	159.146	ug/l #	7

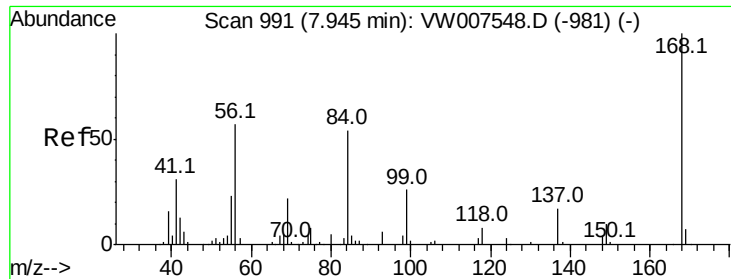
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW122018\
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Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 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: VW007684.D

Acq: 19 Dec 2018 04:32

Instrument :

MSVOA_W

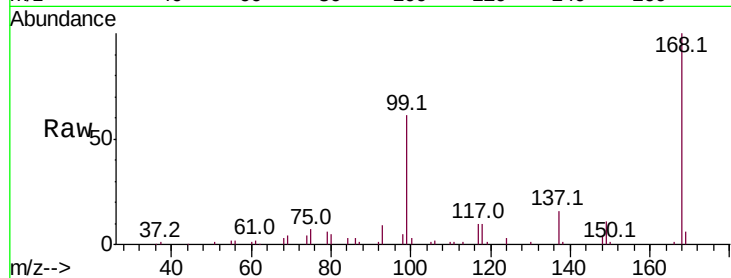
ClientSampled :

Tot Ion:168 Resp: 30473

Ion Ratio Lower Upper

168 100

99 60.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

15000

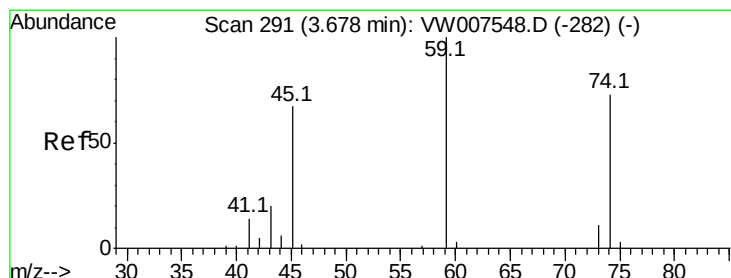
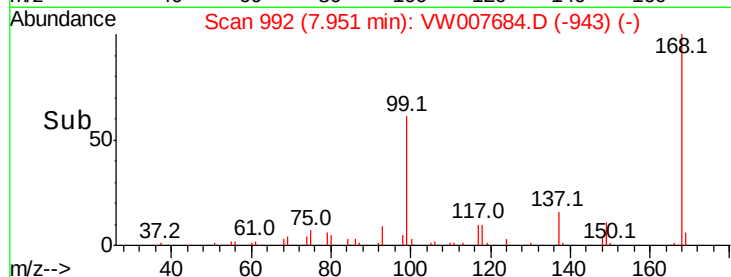
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#8

Diethyl Ether

Concen: 2.085 ug/l

RT: 3.69 min Scan# 293

Delta R.T. 0.01 min

Lab File: VW007684.D

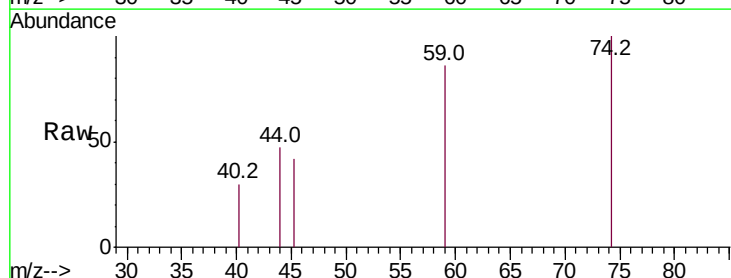
Acq: 19 Dec 2018 04:32

Tgt Ion: 74 Resp: 307

Ion Ratio Lower Upper

74 100

45 64.8 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.69

200

150

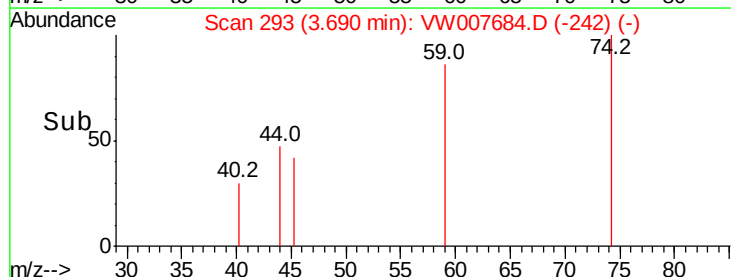
100

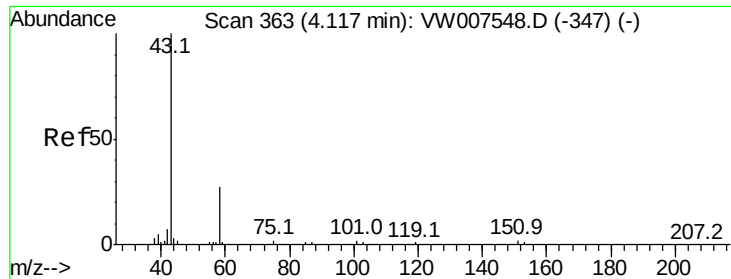
50

0

Time-->

3.65 3.70





#16

Acetone

Concen: 4.081 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007684.D

Acq: 19 Dec 2018 04:32

Instrument :

MSVOA_W

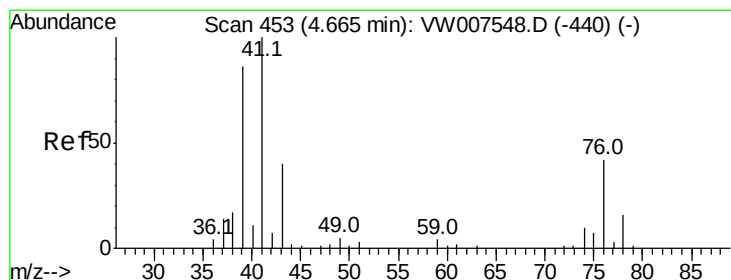
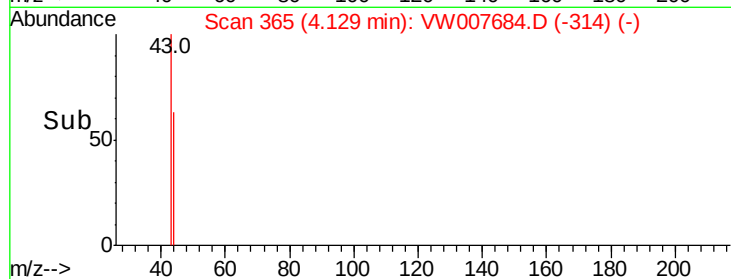
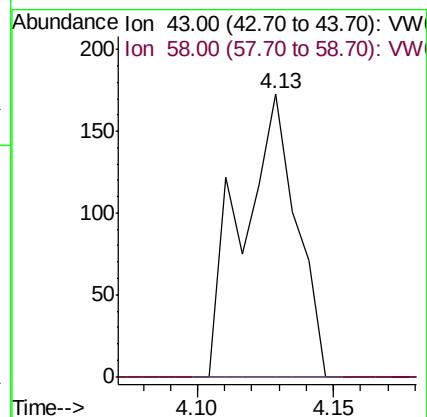
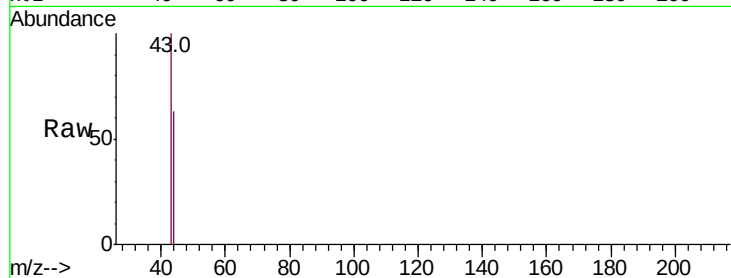
ClientSampleId :

Tot Ion: 43 Resp: 241

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



#18

Methyl Acetate

Concen: 5.135 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW007684.D

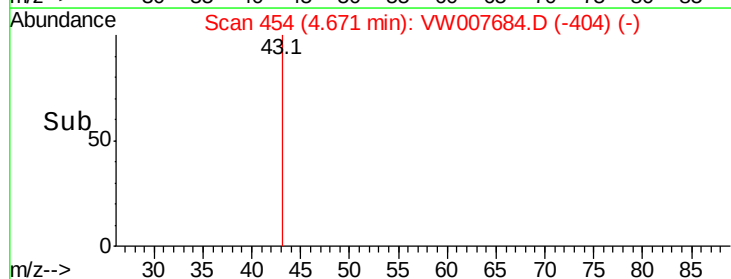
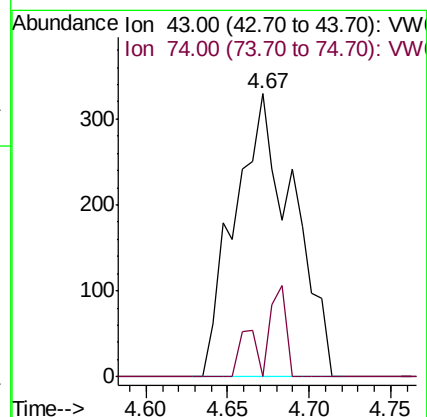
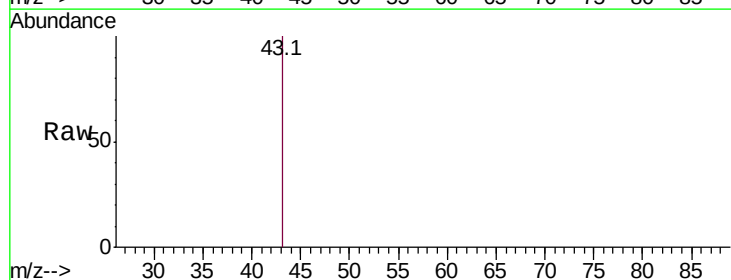
Acq: 19 Dec 2018 04:32

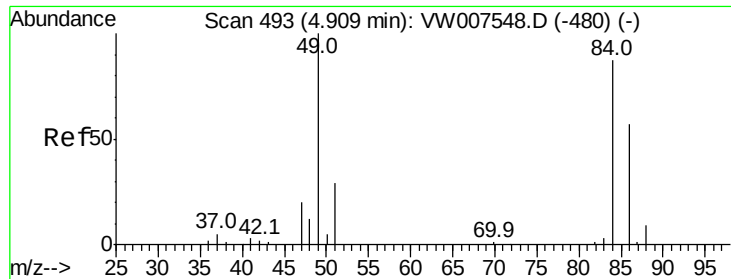
Tgt Ion: 43 Resp: 823

Ion Ratio Lower Upper

43 100

74 13.2 21.1 31.7#

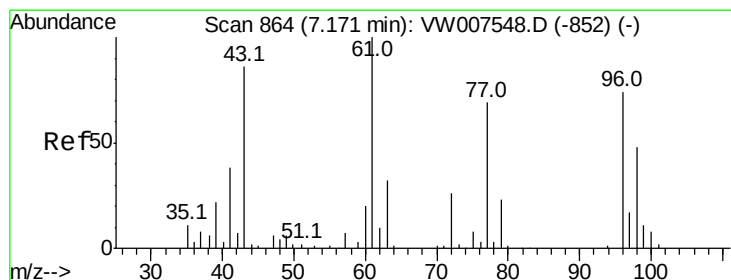
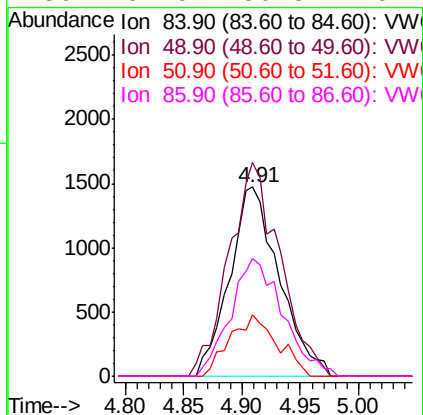
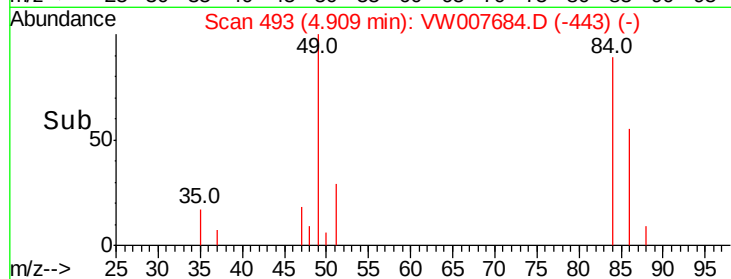
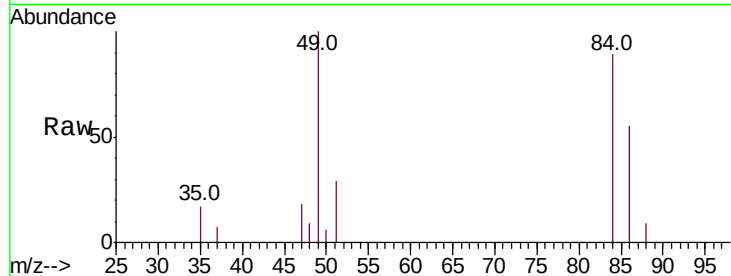




#20
Methvlene Chloride
Concen: 10.392 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007684.D
Acq: 19 Dec 2018 04:32

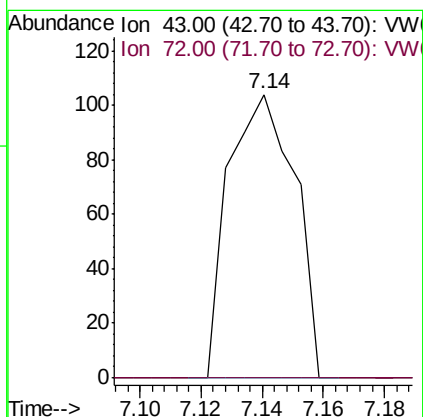
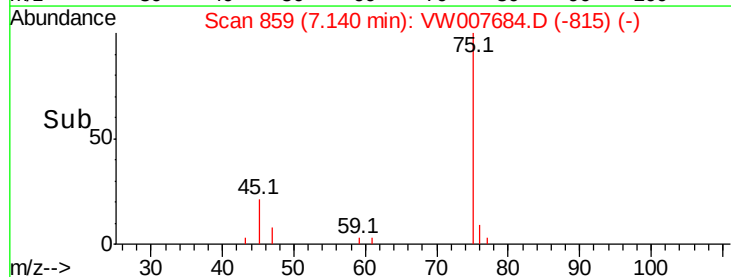
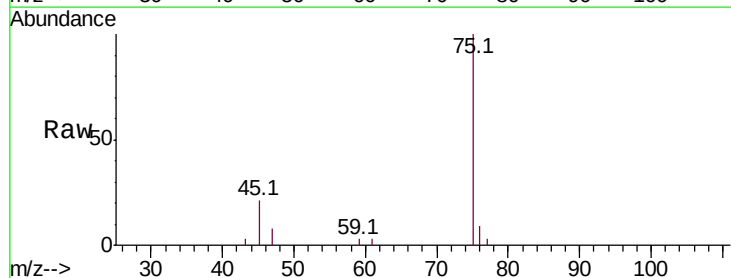
Instrument :
MSVOA_W
ClientSampled :

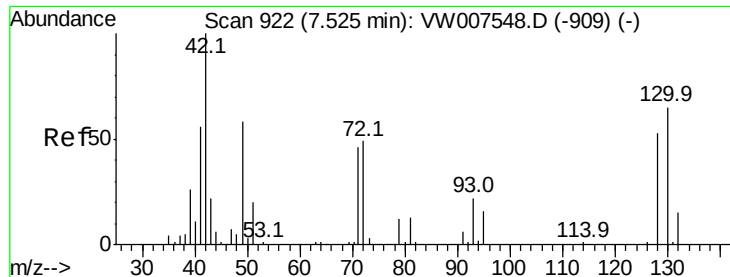
Tot Ion:	84	Resp:	4358
Ion	Ratio	Lower	Upper
84	100		
49	113.0	87.1	130.7
51	32.3	28.2	42.2
86	62.0	50.8	76.2



#25
2-Butanone
Concen: 2.011 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW007684.D
Acq: 19 Dec 2018 04:32

Tgt Ion:	43	Resp:	155
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.4	35.2#





#29

Tetrahydrofuran

Concen: 4.118 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW007684.D

Acq: 19 Dec 2018 04:32

Instrument :

MSVOA_W

ClientSampleId :

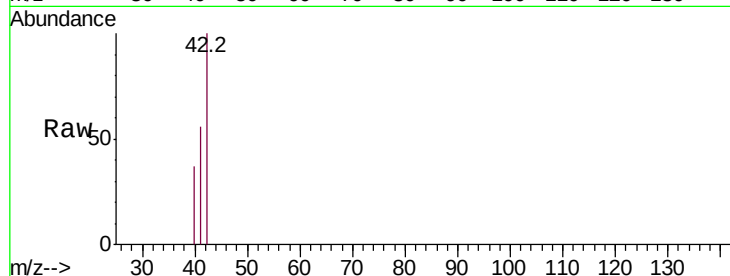
Tot Ion: 42 Resp: 201

Ion Ratio Lower Upper

42 100

72 0.0 38.2 57.4#

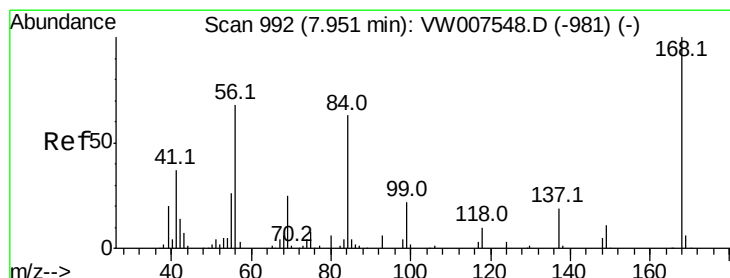
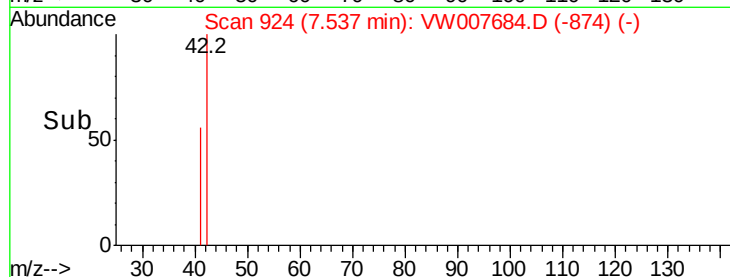
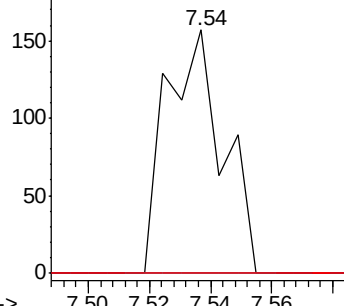
71 0.0 35.5 53.3#



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.281 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007684.D

Acq: 19 Dec 2018 04:32

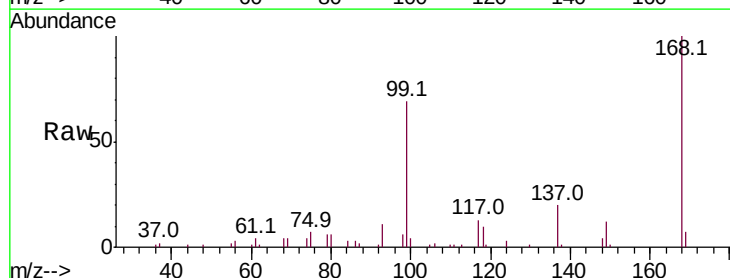
Tgt Ion: 56 Resp: 673

Ion Ratio Lower Upper

56 100

69 150.6 28.9 43.3#

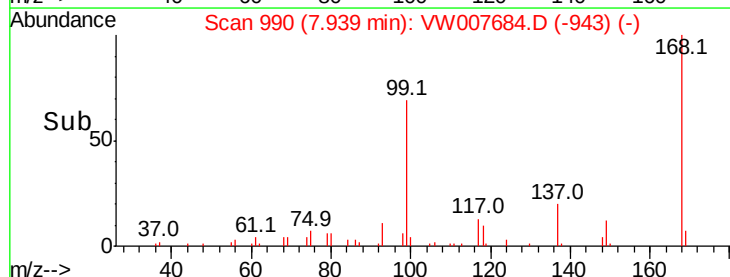
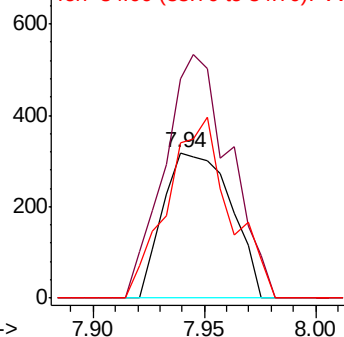
84 106.6 71.8 107.6

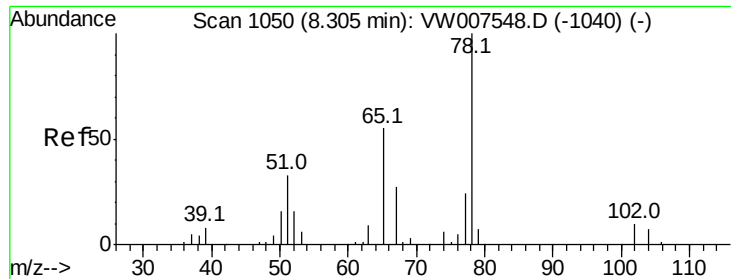


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

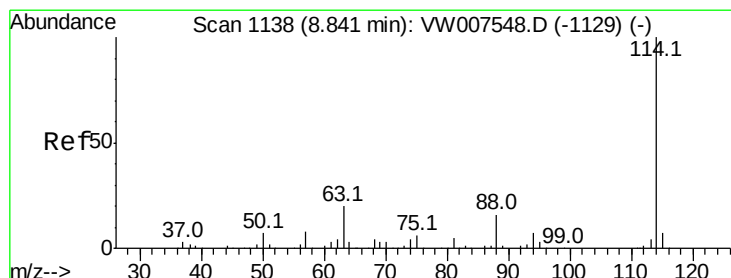
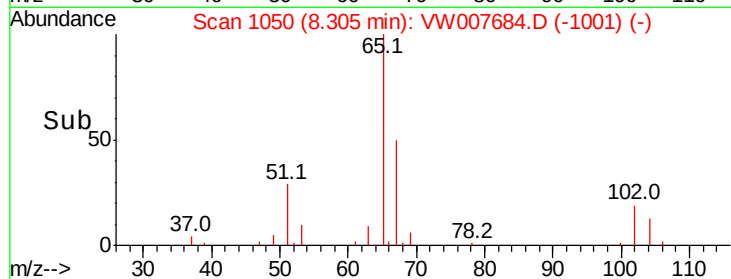
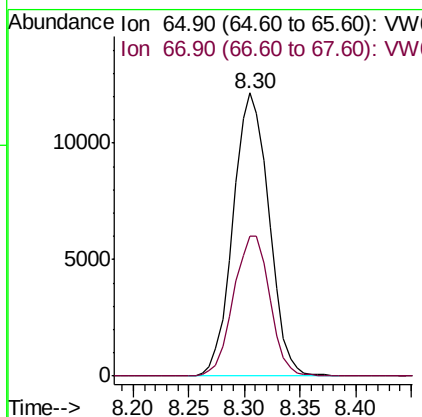
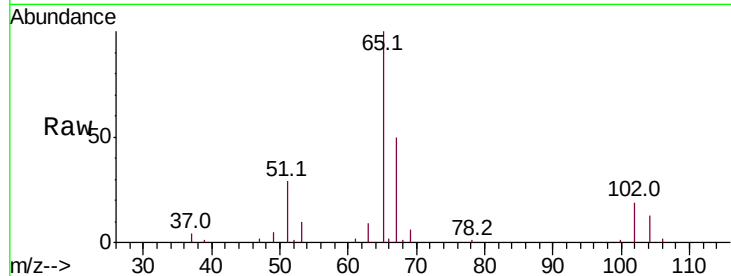




#33
 1,2-Dichloroethane-d4
 Concen: 80.403 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007684.D
 Acq: 19 Dec 2018 04:32

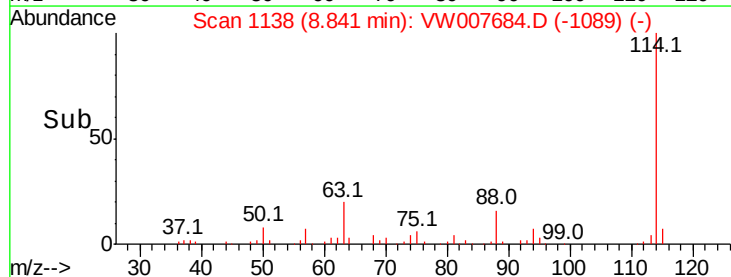
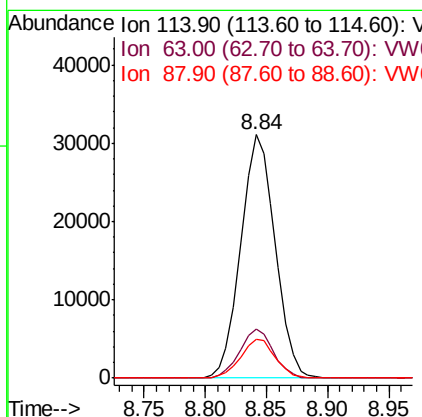
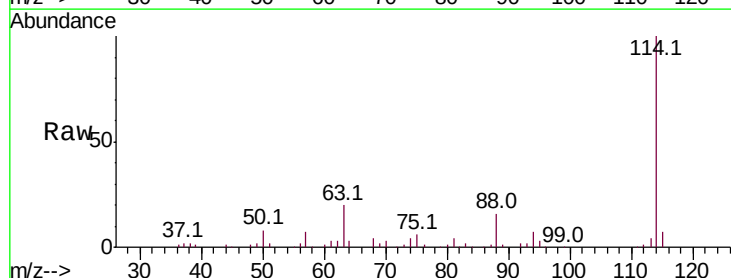
Instrument :
 MSVOA_W
 ClientSampled :

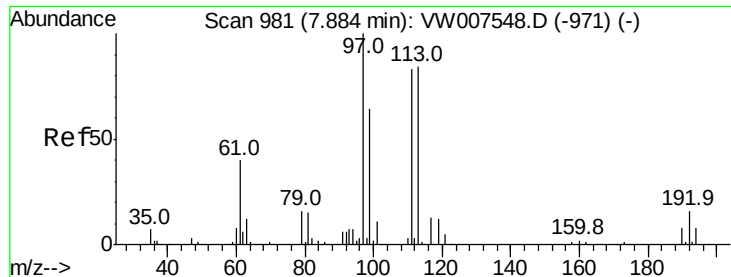
Tot Ion: 65 Resp: 27182
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007684.D
 Acq: 19 Dec 2018 04:32

Tgt Ion: 114 Resp: 60619
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.9 0.0 31.4

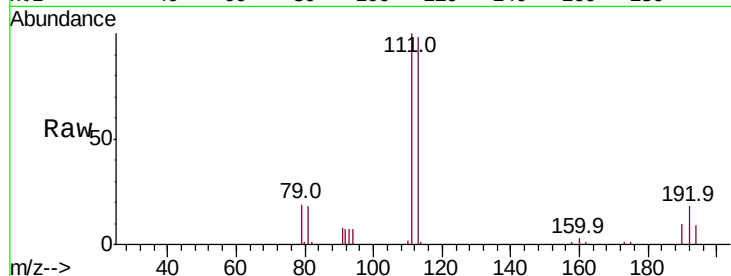




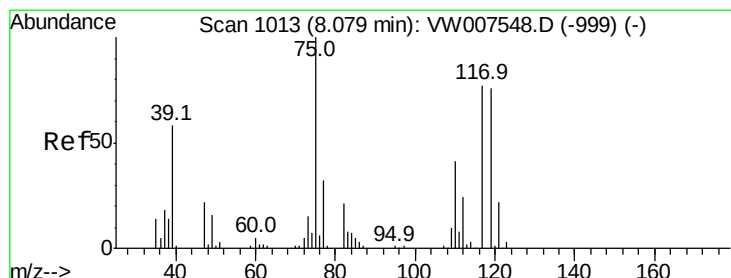
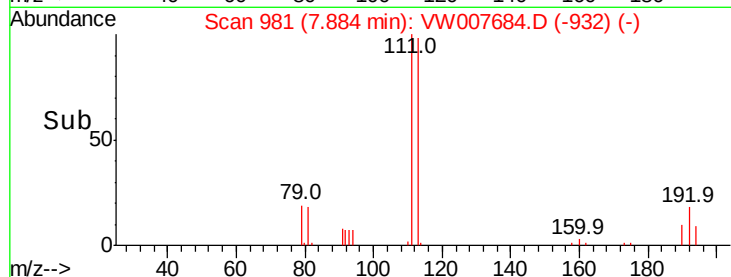
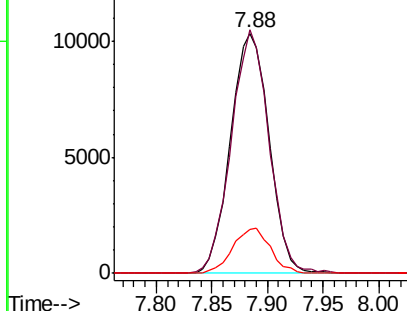
#35
 Dibromofluoromethane
 Concen: 67.745 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007684.D
 Acq: 19 Dec 2018 04:32

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 24859
 Ion Ratio Lower Upper
 113 100
 111 98.8 81.1 121.7
 192 18.2 14.6 21.8

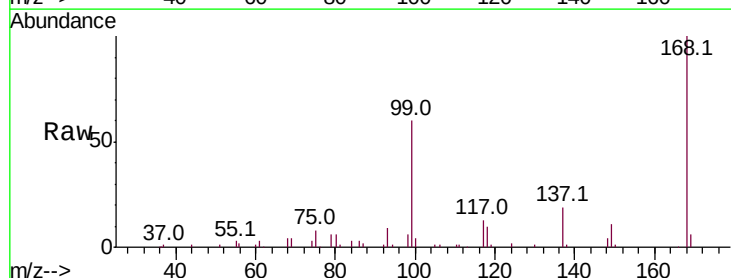


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

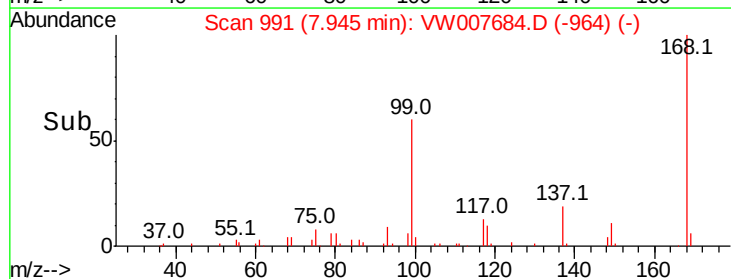
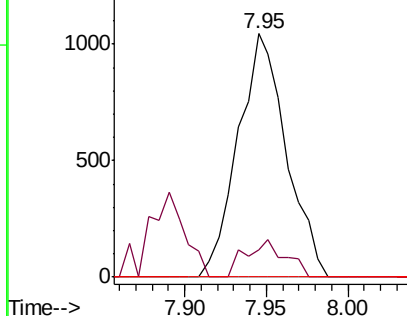


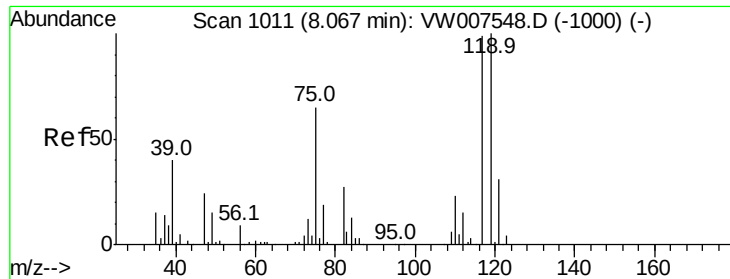
#36
 1,1-Dichloropropene
 Concen: 3.890 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007684.D
 Acq: 19 Dec 2018 04:32

Tgt Ion: 75 Resp: 2151
 Ion Ratio Lower Upper
 75 100
 110 12.6 18.5 55.5#
 77 0.0 25.6 38.4#



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

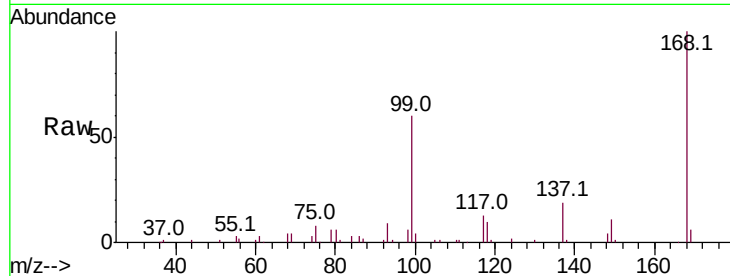




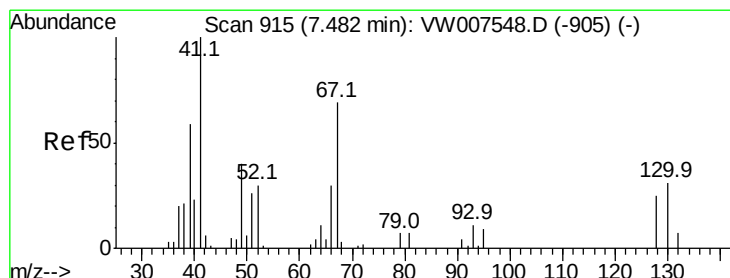
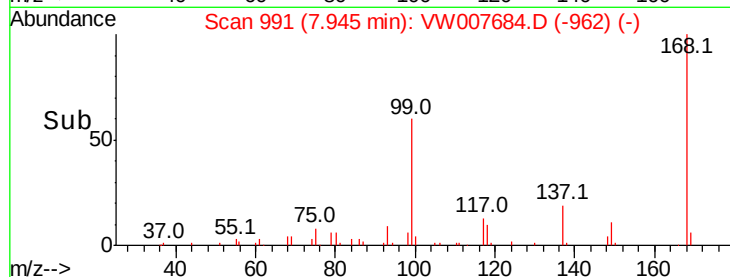
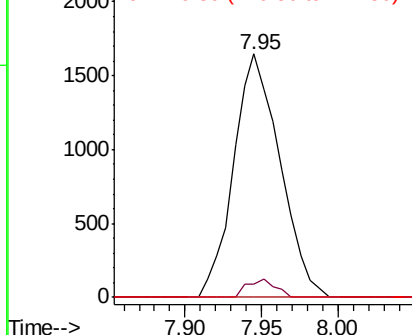
#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007684.D
Acq: 19 Dec 2018 04:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 3459
Ion Ratio Lower Upper
117 100
119 5.6 74.3 111.5#
121 0.0 24.3 36.5#

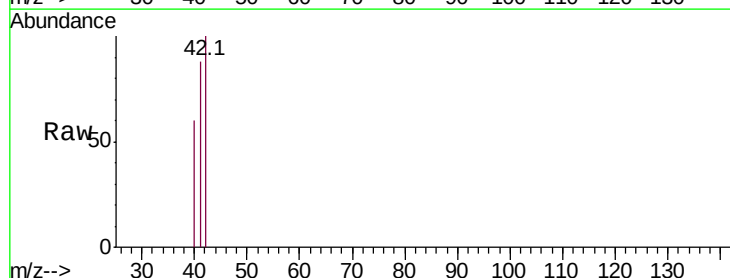


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

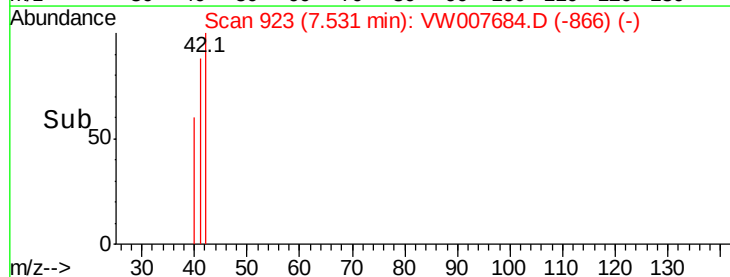
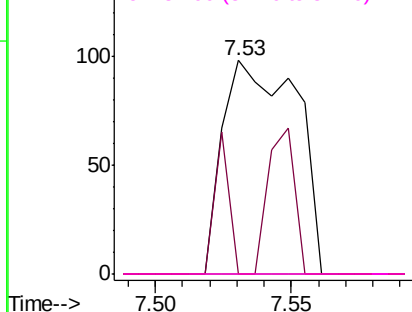


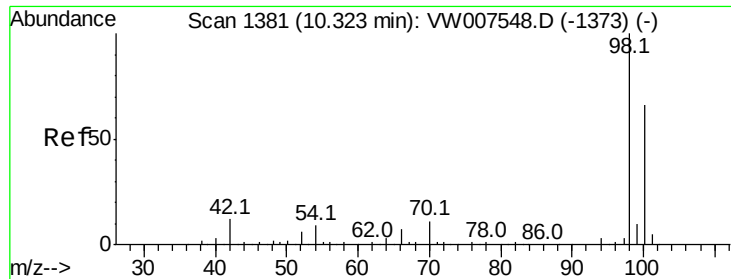
#41
Methacrylonitrile
Concen: 1.571 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.05 min
Lab File: VW007684.D
Acq: 19 Dec 2018 04:32

Tgt Ion: 41 Resp: 184
Ion Ratio Lower Upper
41 100
39 13.0 52.2 78.2#
67 0.0 60.5 90.7#
52 0.0 25.3 37.9#



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW





#50

Toluene-d8

Concen: 49.509 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007684.D

Acq: 19 Dec 2018 04:32

Instrument :

MSVOA_W

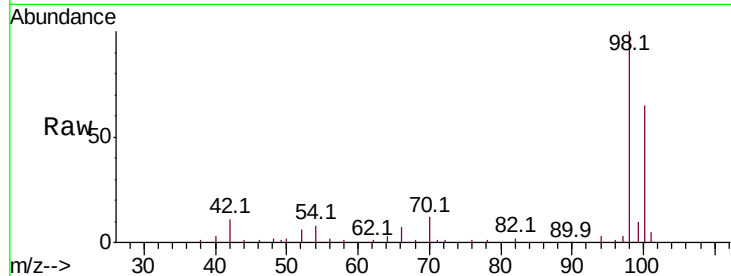
ClientSampled :

Tot Ion: 98 Resp: 68118

Ion Ratio Lower Upper

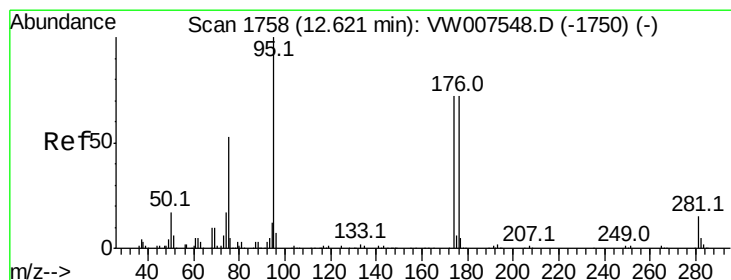
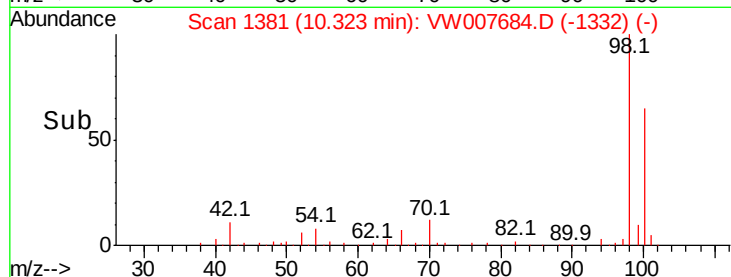
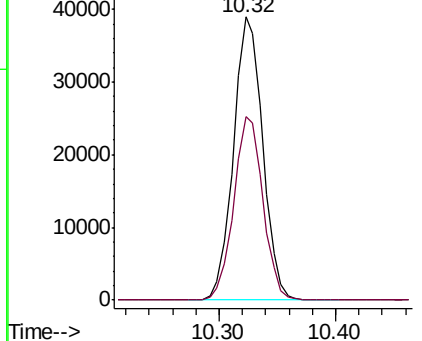
98 100

100 64.4 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 37.684 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007684.D

Acq: 19 Dec 2018 04:32

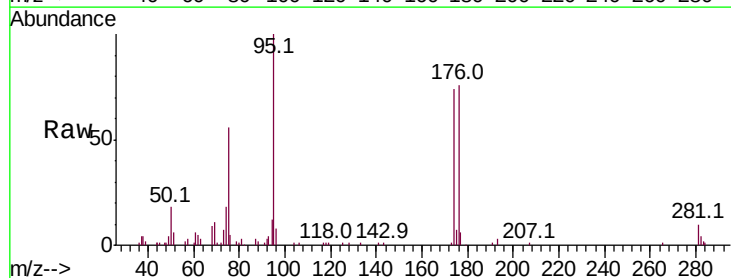
Tgt Ion: 95 Resp: 19063

Ion Ratio Lower Upper

95 100

174 80.7 0.0 147.2

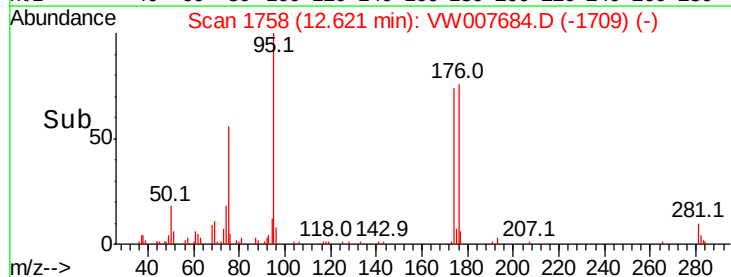
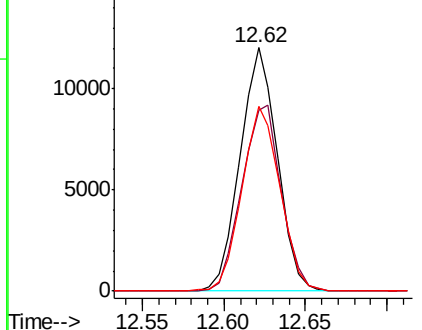
176 77.9 0.0 138.8

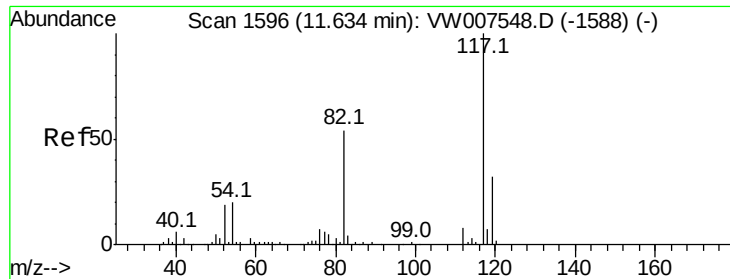


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

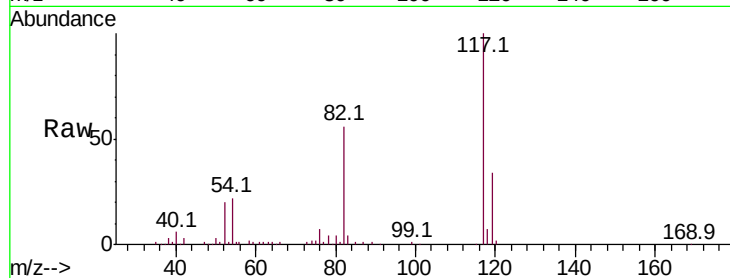




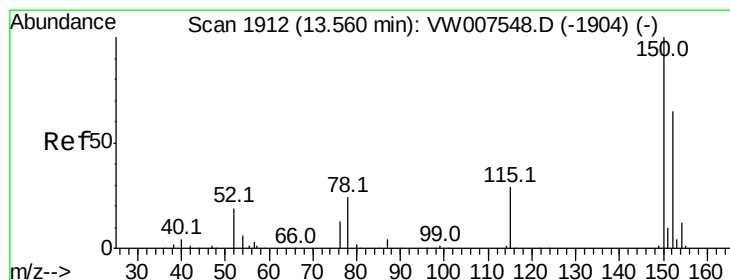
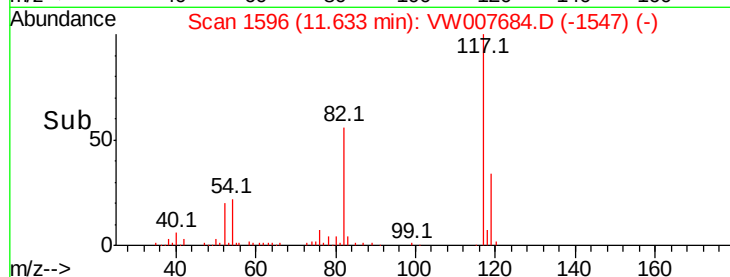
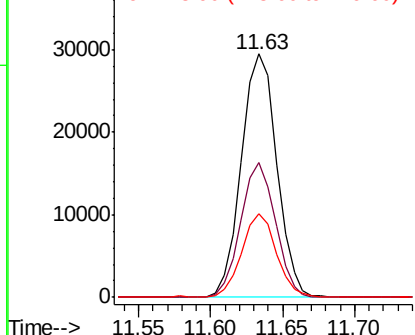
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007684.D
Acq: 19 Dec 2018 04:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 50277
Ion Ratio Lower Upper
117 100
82 55.5 42.3 63.5
119 34.1 23.0 34.6

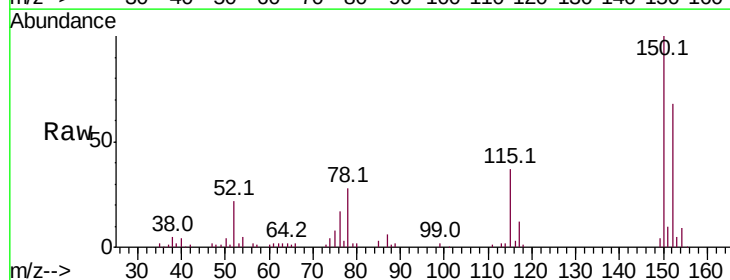


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

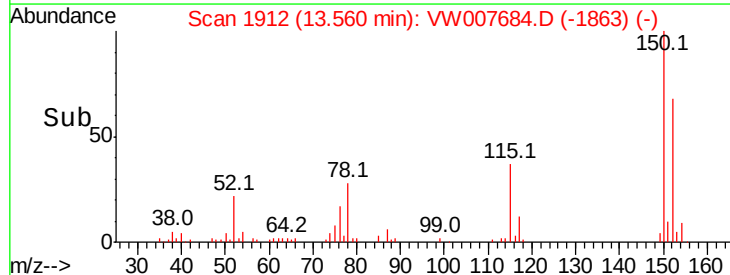
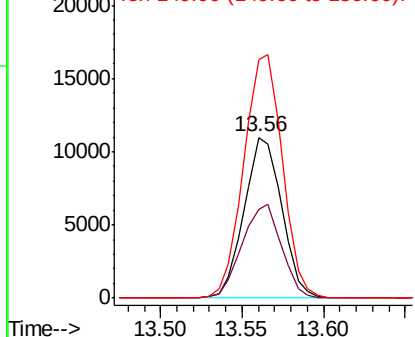


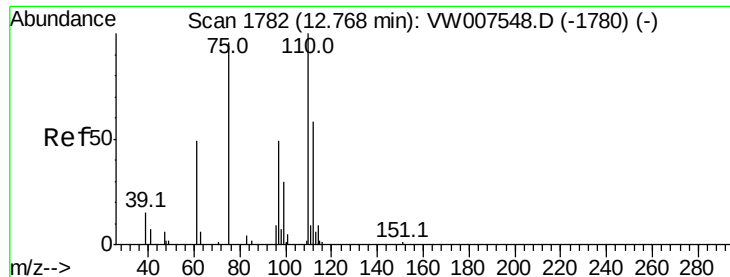
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007684.D
Acq: 19 Dec 2018 04:32

Tgt Ion:152 Resp: 17676
Ion Ratio Lower Upper
152 100
115 60.8 31.4 94.2
150 155.4 0.0 358.4



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: 72.044 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007684.D

Acq: 19 Dec 2018 04:32

Instrument :

MSVOA_W

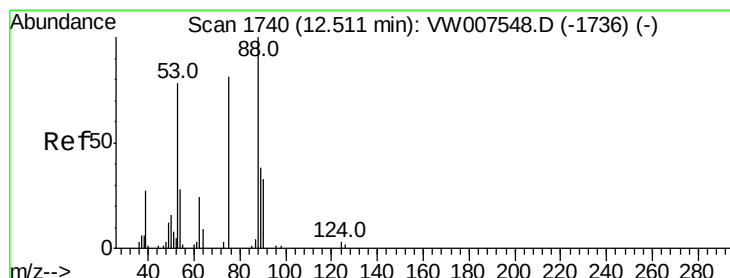
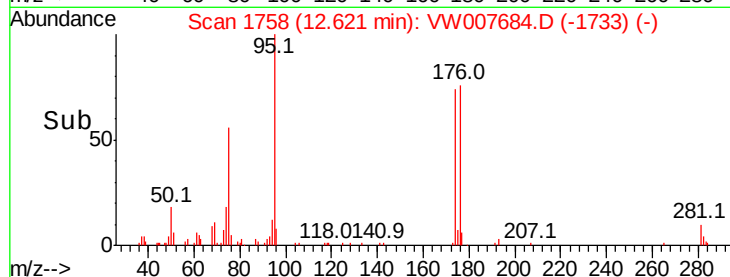
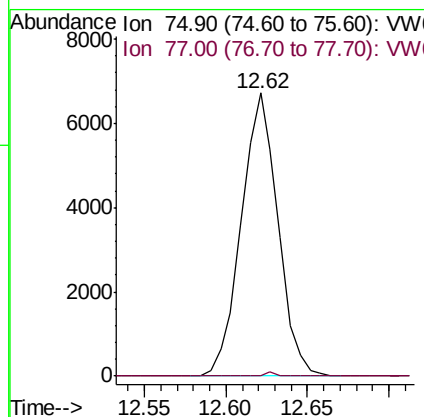
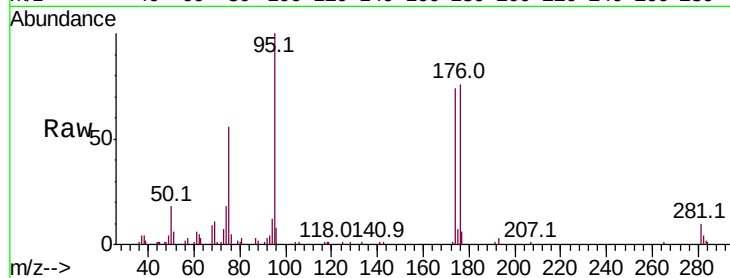
ClientSampleId :

Tot Ion: 75 Resp: 10500

Ion Ratio Lower Upper

75 100

77 0.3 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 159.146 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007684.D

Acq: 19 Dec 2018 04:32

Tgt Ion: 75 Resp: 10500

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

