

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007225.D
 Acq On : 05 Dec 2018 09:32
 Operator : SY/AP
 Sample : J6208-19
 Misc : 5.3G/5ML/MSVOA W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 05 11:00:03 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

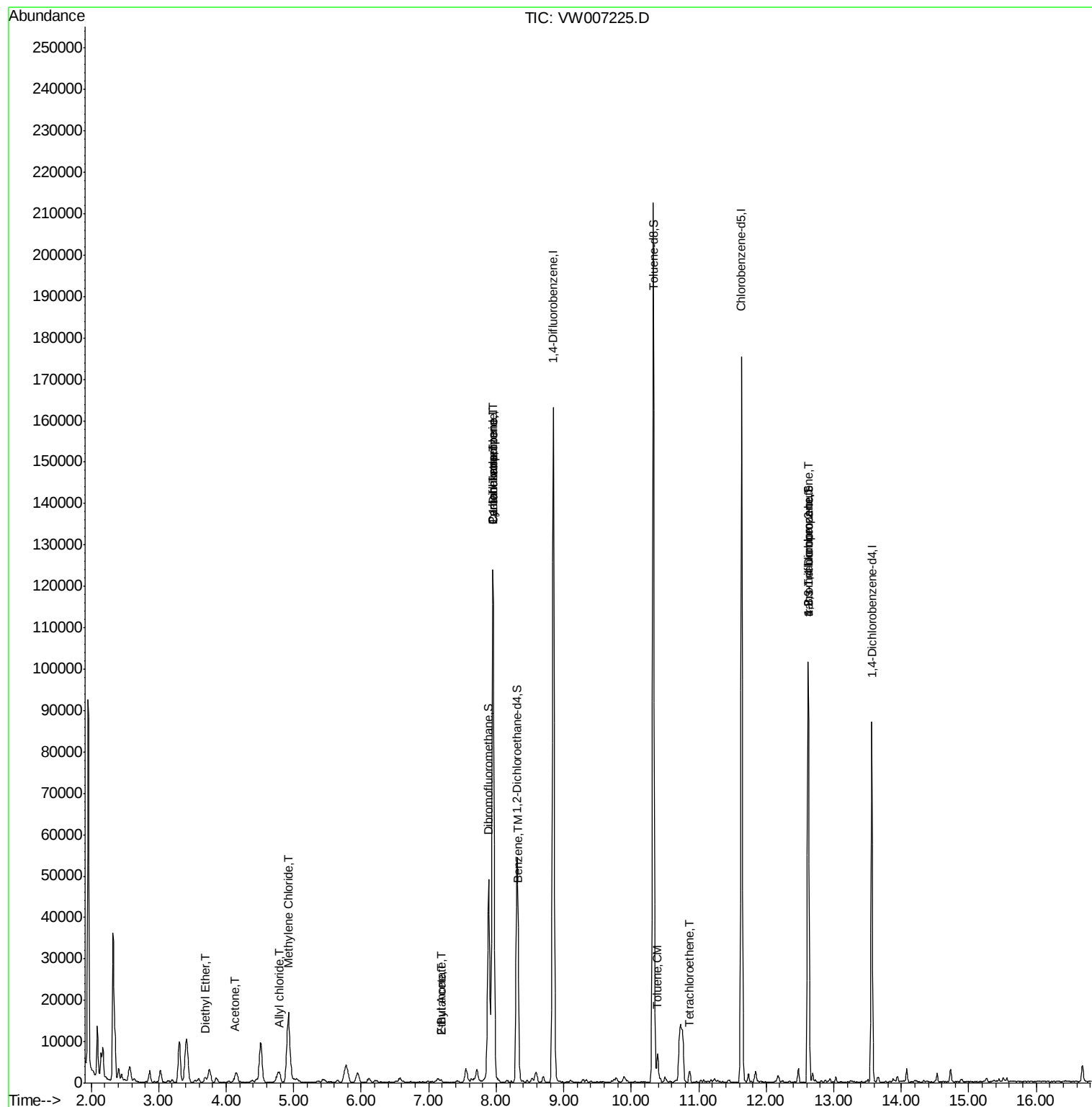
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	145007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43689	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.89	113	35992	43.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.70%	
50) Toluene-d8	10.32	98	146376	40.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.04%	
62) 4-Bromofluorobenzene	12.62	95	33844	24.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.04%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.68	74	640	1.440	ug/l	89
14) Allyl chloride	4.78	41	1535	1.061	ug/l #	75
16) Acetone	4.12	43	2342	11.273	ug/l	91
20) Methylene Chloride	4.92	84	13243	8.309	ug/l	95
25) 2-Butanone	7.18	43	802	3.330	ug/l #	83
31) Cyclohexane	7.95	56	2007	1.152	ug/l #	3
36) 1,1-Dichloropropene	7.95	75	7056	5.001	ug/l #	51
37) Ethyl Acetate	7.18	43	802	1.571	ug/l #	67
38) Carbon Tetrachloride	7.95	117	9689	6.728	ug/l #	16
40) Benzene	8.33	78	4749	1.227	ug/l #	89
52) Toluene	10.40	92	3079	1.144	ug/l	92
64) Tetrachloroethene	10.87	164	728	1.008	ug/l #	74
76) 1,2,3-Trichloropropane	12.62	75	16554	92.687	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16554	199.772	ug/l #	13

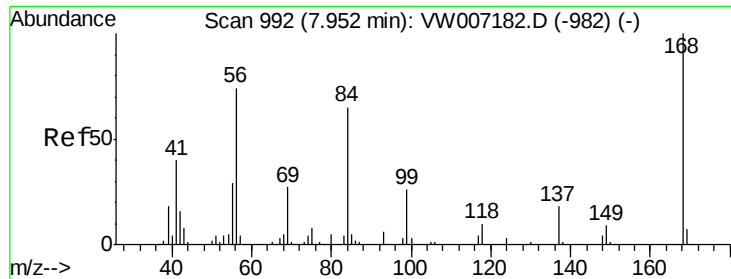
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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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: VW007225.D

Acq: 05 Dec 2018 09:32

Instrument :

MSVOA_W

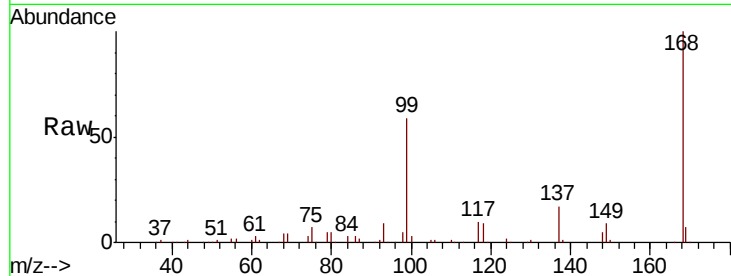
ClientSampleId :

Tot Ion:168 Resp: 94260

Ion Ratio Lower Upper

168 100

99 59.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

20000

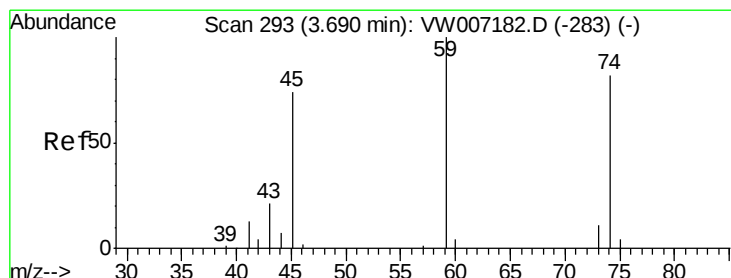
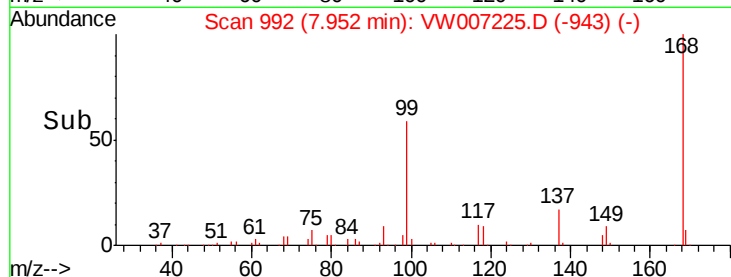
10000

0

7.90

8.00

Time-->



#8

Diethyl Ether

Concen: 1.440 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW007225.D

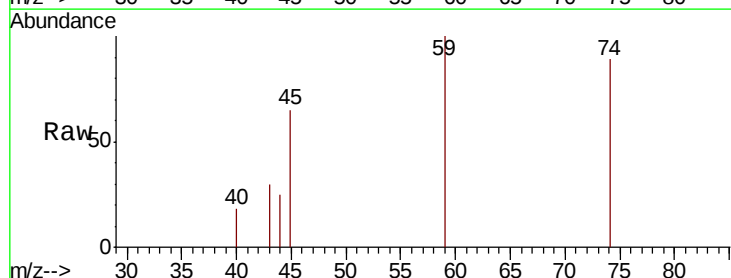
Acq: 05 Dec 2018 09:32

Tgt Ion: 74 Resp: 640

Ion Ratio Lower Upper

74 100

45 104.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

400

300

200

100

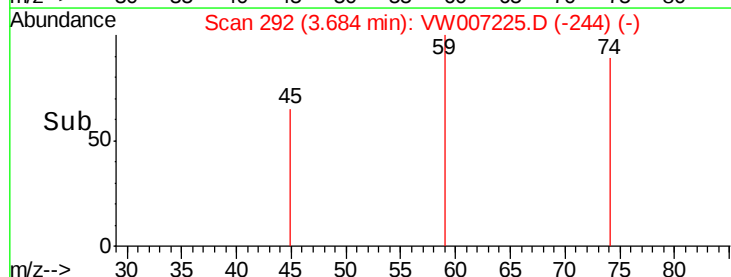
0

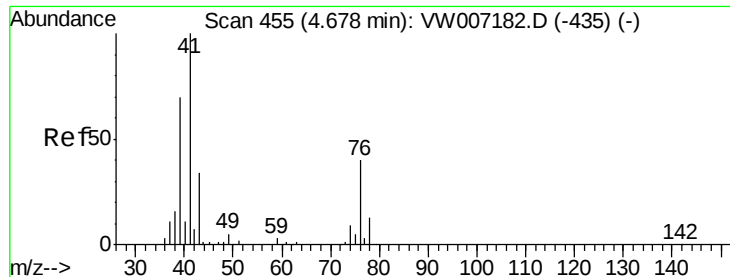
3.65

3.70

3.75

Time-->

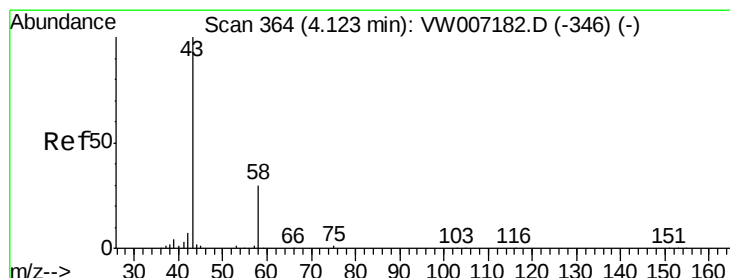
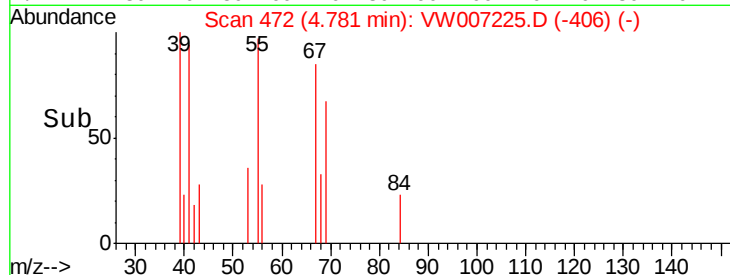
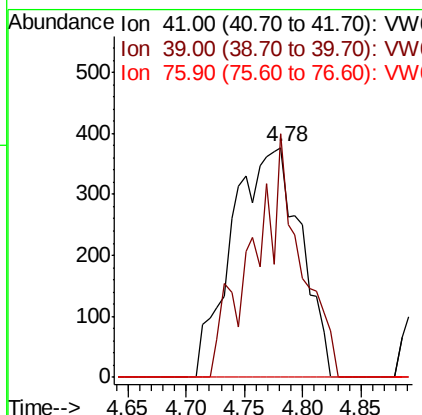
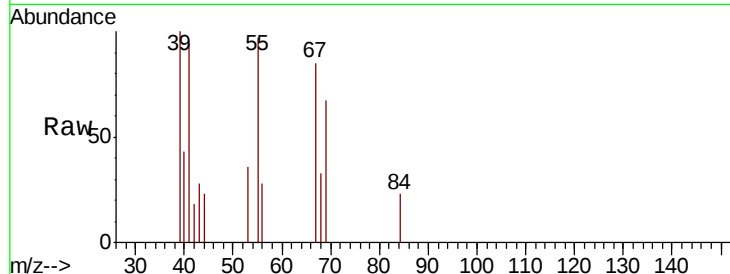




#14
Allvl chloride
Concen: 1.061 ug/l
RT: 4.78 min Scan# 472
Delta R.T. 0.10 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

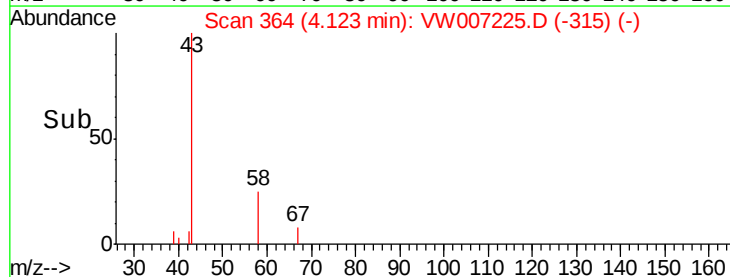
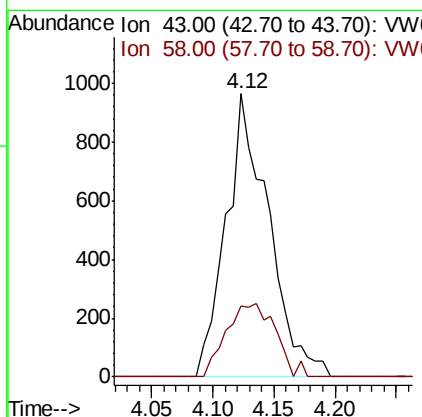
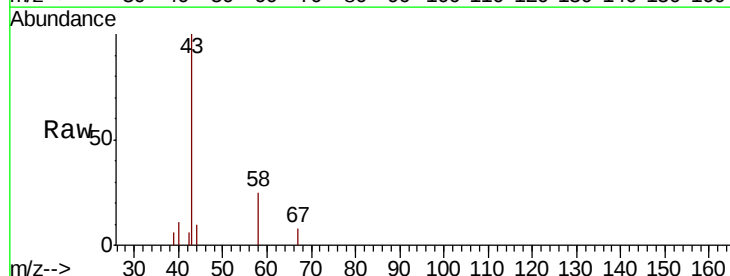
Instrument :
MSVOA_W
ClientSampleId :

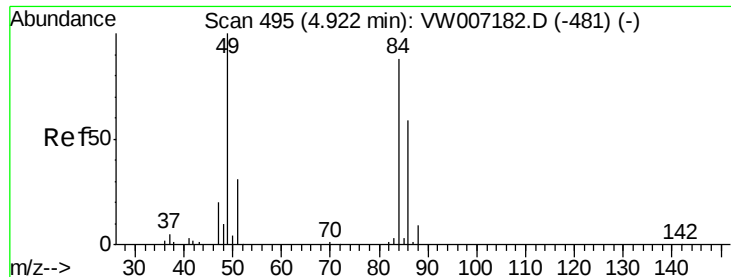
Tot Ion: 41 Resp: 1535
Ion Ratio Lower Upper
41 100
39 73.2 55.9 83.9
76 0.0 30.8 46.2#



#16
Acetone
Concen: 11.273 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Tgt Ion: 43 Resp: 2342
Ion Ratio Lower Upper
43 100
58 25.0 23.8 35.8

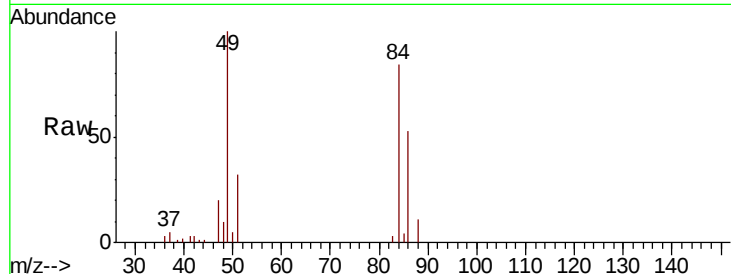




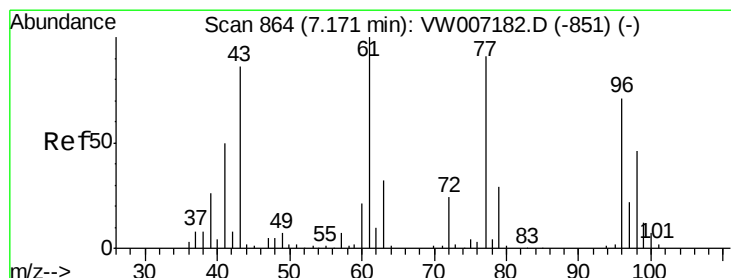
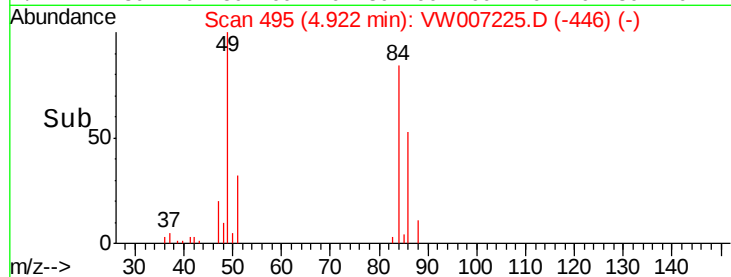
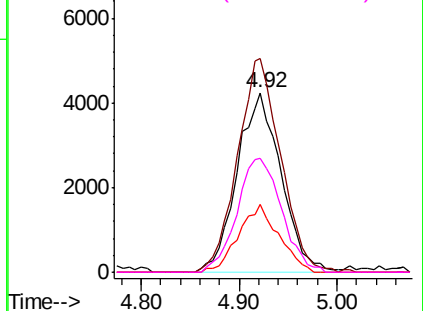
#20
Methvlene Chloride
Concen: 8.309 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 13243
Ion Ratio Lower Upper
84 100
49 119.0 90.6 135.8
51 37.7 27.6 41.4
86 63.6 53.7 80.5

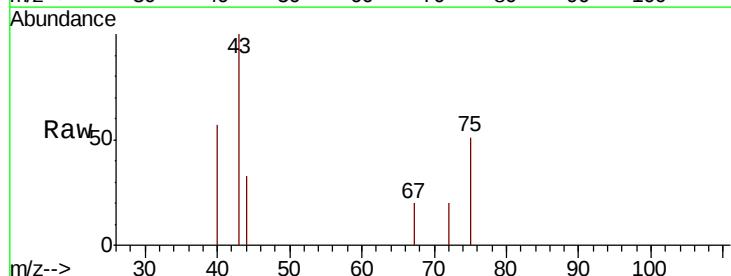


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

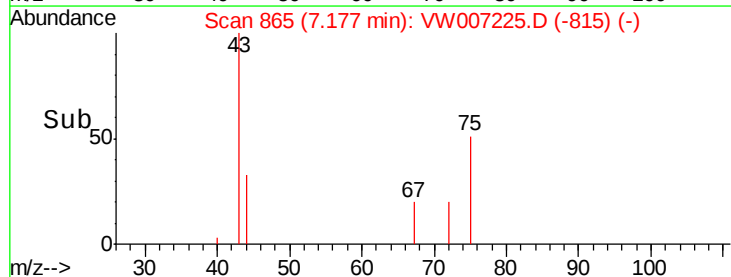
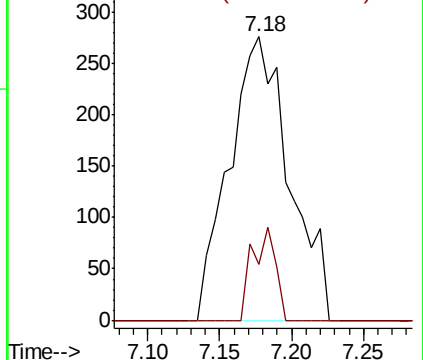


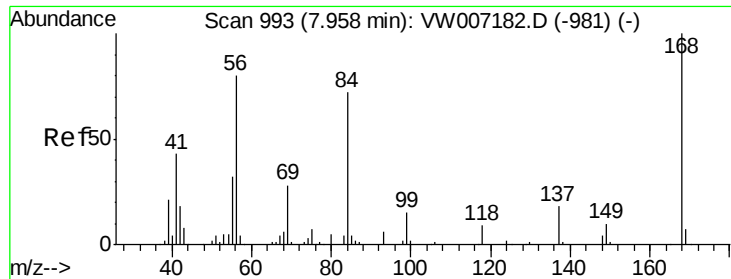
#25
2-Butanone
Concen: 3.330 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
72 19.6 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW

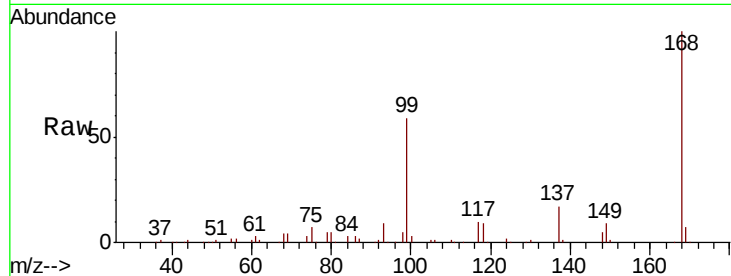




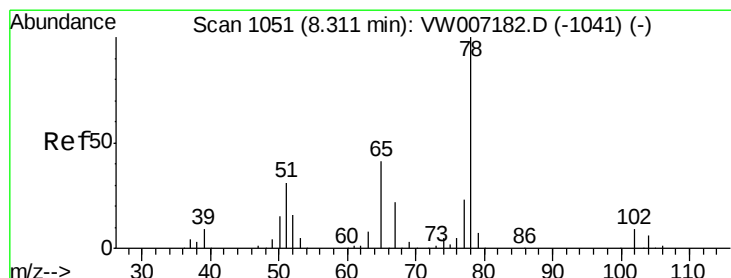
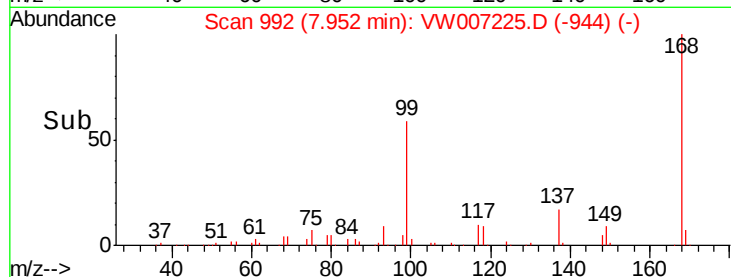
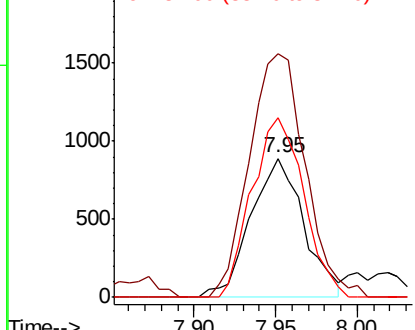
#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2007
Ion Ratio Lower Upper
56 100
69 174.9 28.2 42.2#
84 128.9 72.1 108.1#

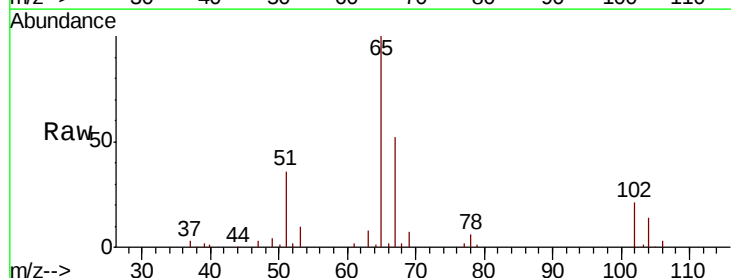


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

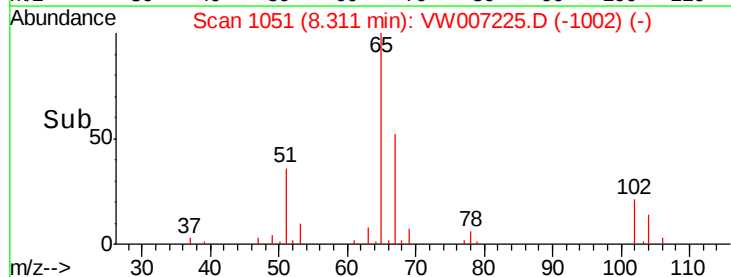
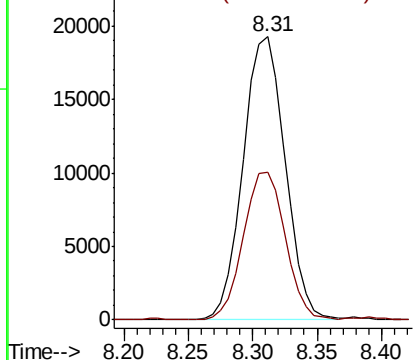


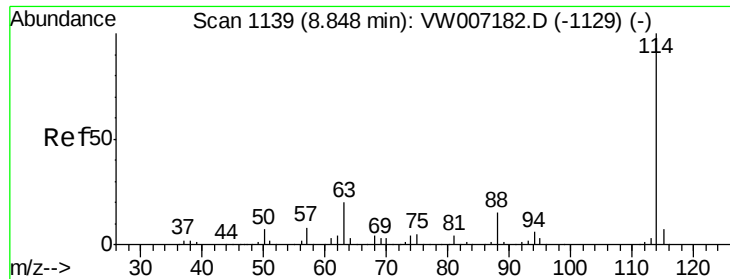
#33
1,2-Dichloroethane-d4
Concen: 49.782 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Tgt Ion: 65 Resp: 43689
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.4



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

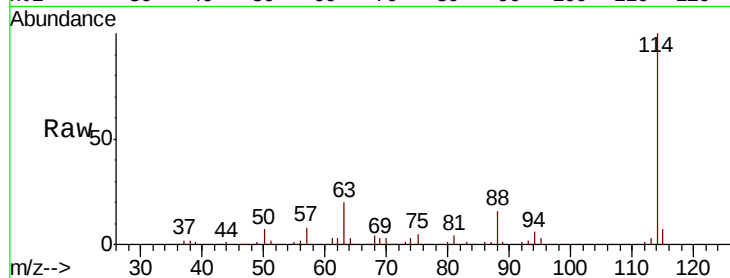




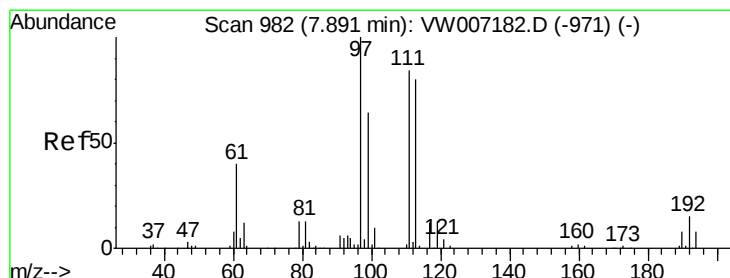
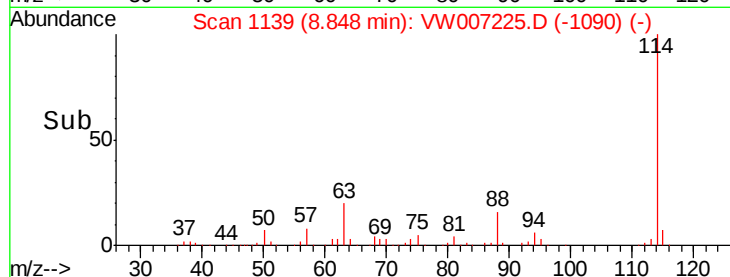
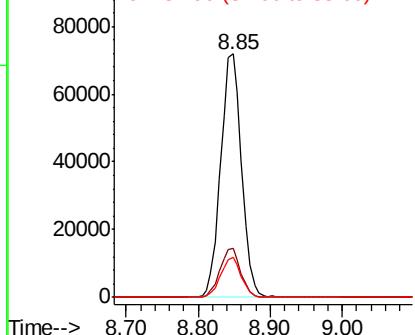
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007225.D
 Acq: 05 Dec 2018 09:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.2
88	16.4	0.0	30.0

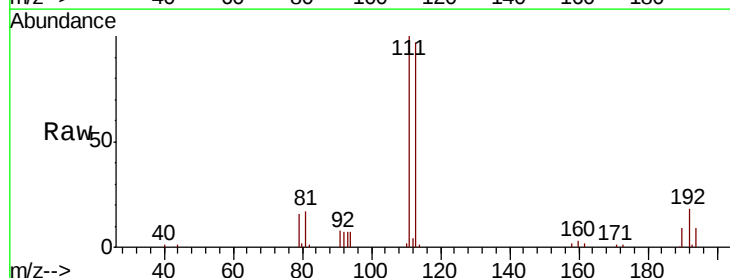


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

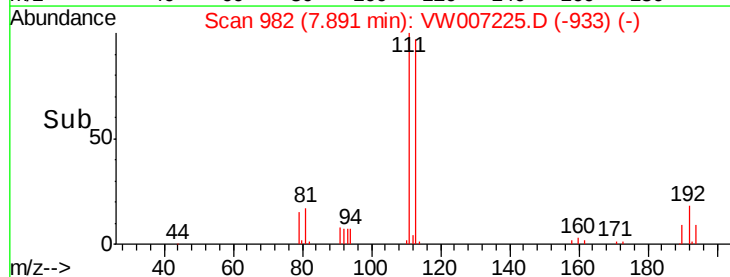
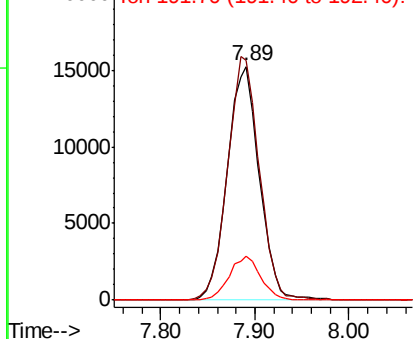


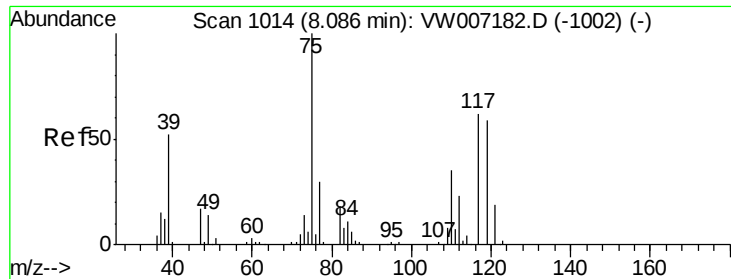
#35
 Dibromofluoromethane
 Concen: 43.348 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007225.D
 Acq: 05 Dec 2018 09:32

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	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

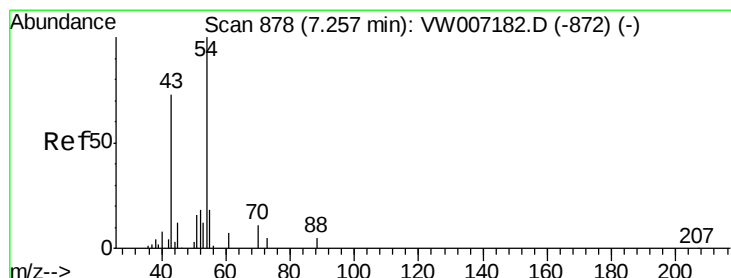
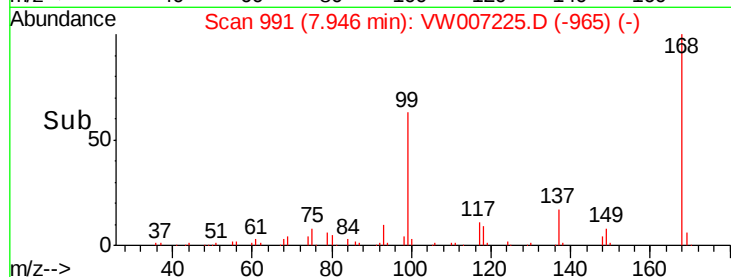
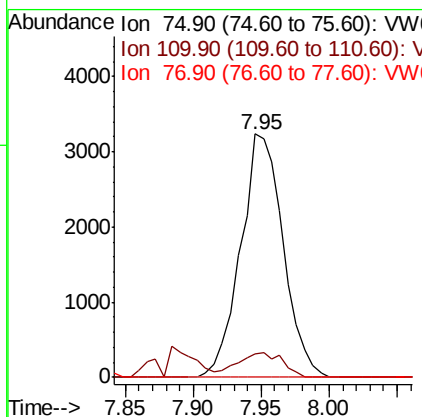
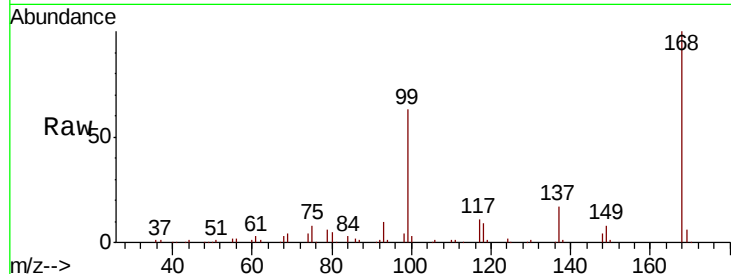




#36
 1,1-Dichloropropene
 Concen: 5.001 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW007225.D
 Acq: 05 Dec 2018 09:32

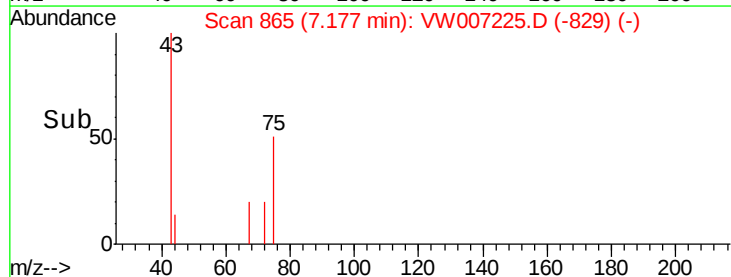
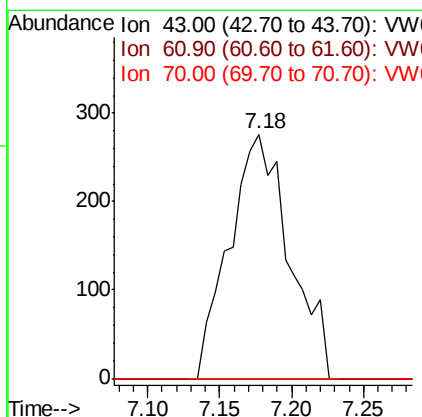
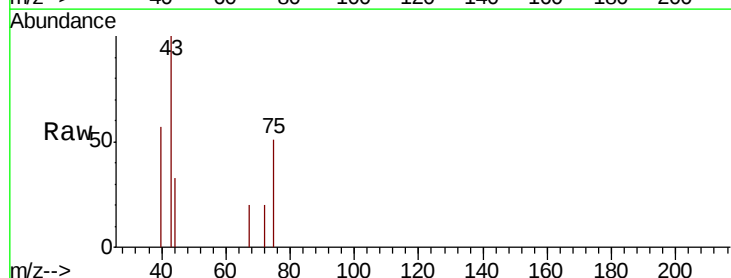
Instrument :
 MSVOA_W
 ClientSampled :

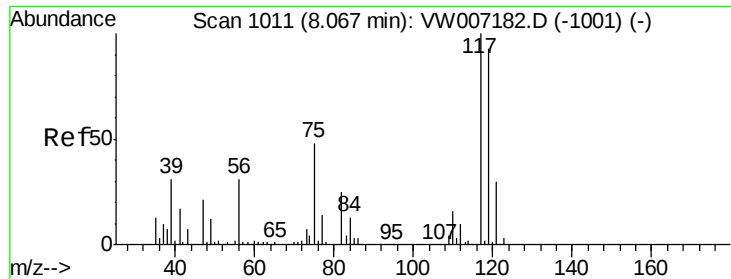
Tot Ion: 75 Resp: 7056
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.3 54.9#
 77 0.0 24.9 37.3#



#37
 Ethyl Acetate
 Concen: 1.571 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW007225.D
 Acq: 05 Dec 2018 09:32

Tgt Ion: 43 Resp: 802
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.1 18.1#
 70 0.0 9.1 13.7#

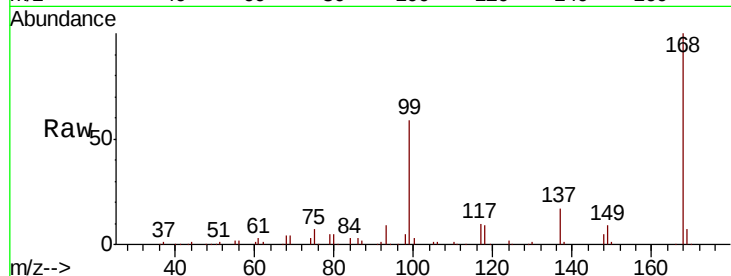




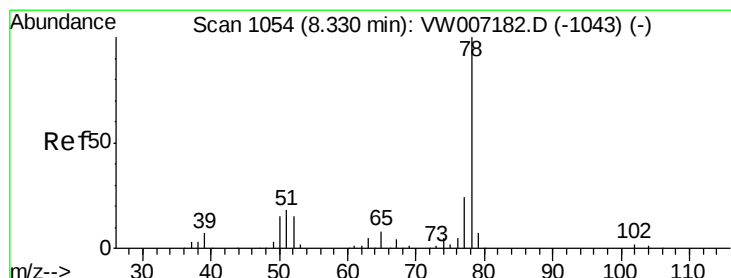
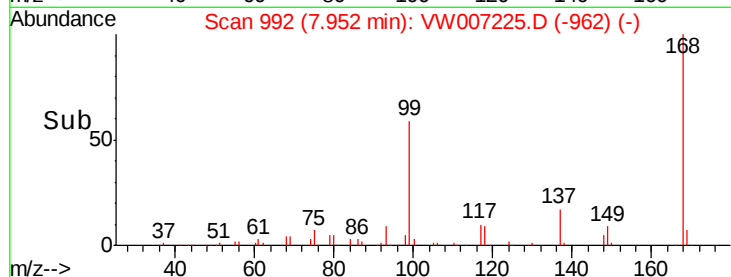
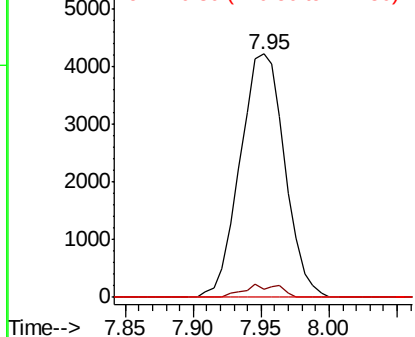
#38
Carbon Tetrachloride
Concen: 6.728 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 9689
Ion Ratio Lower Upper
117 100
119 3.5 74.1 111.1#
121 0.0 23.9 35.9#

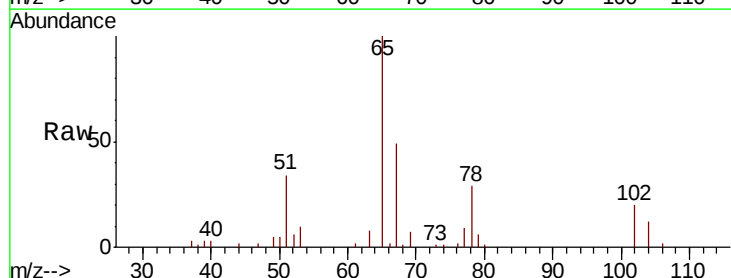


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

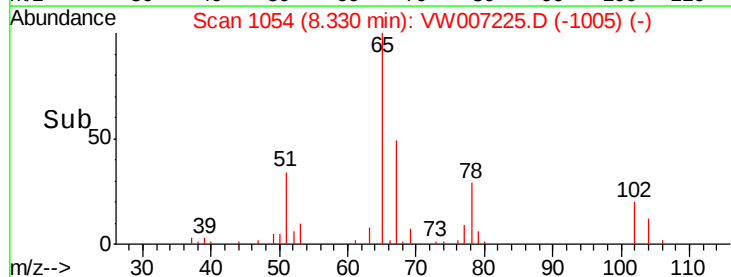
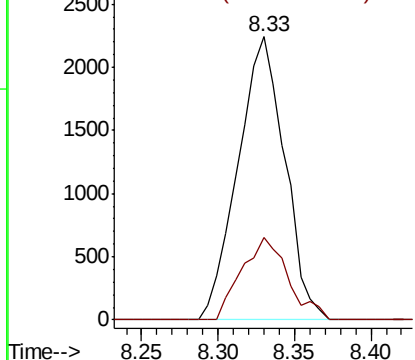


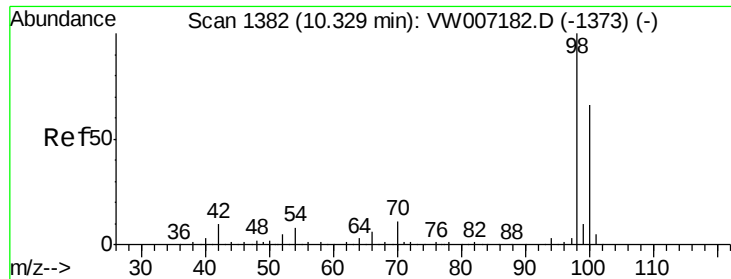
#40
Benzene
Concen: 1.227 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Tgt Ion: 78 Resp: 4749
Ion Ratio Lower Upper
78 100
77 29.2 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW

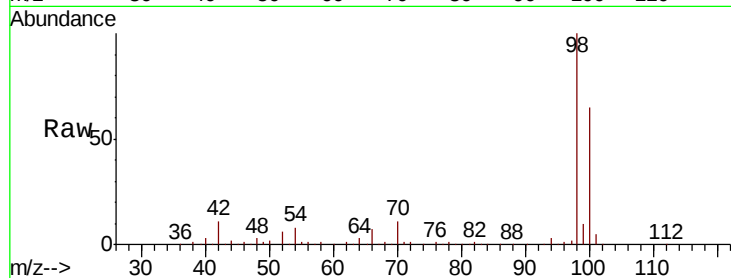




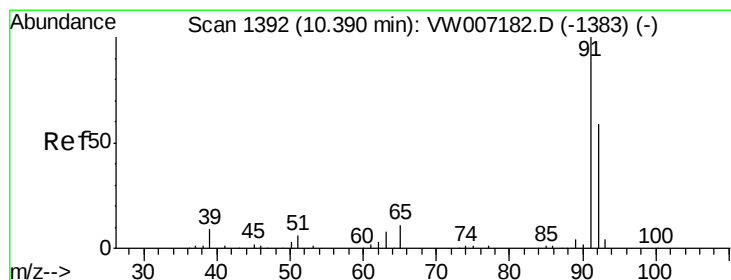
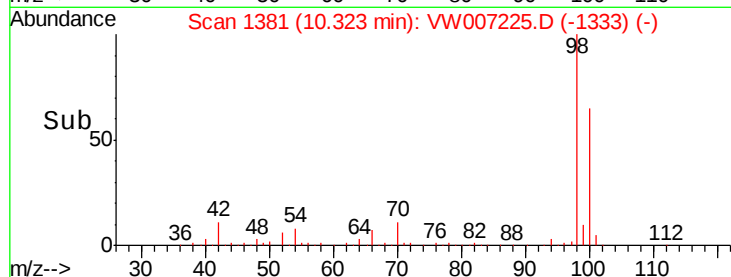
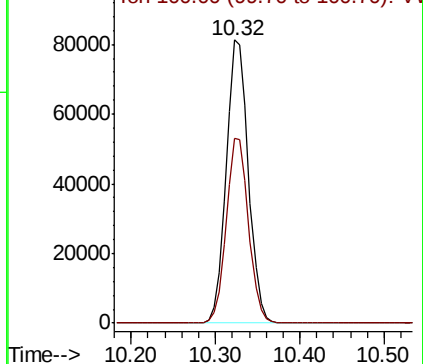
#50
Toluene-d8
Concen: 40.021 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 98 Resp: 146376
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

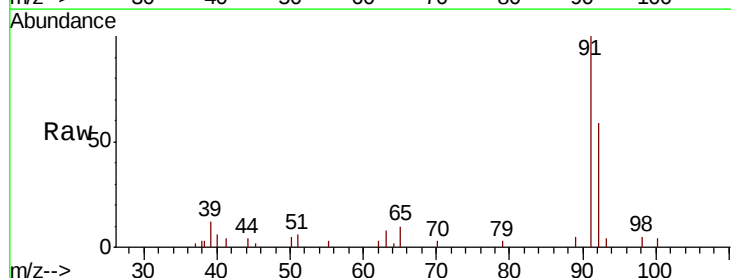


Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

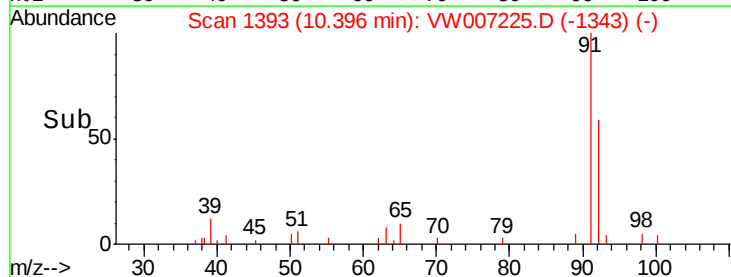
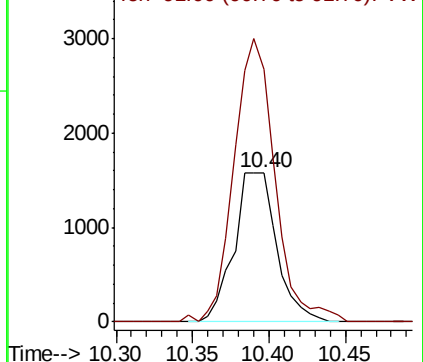


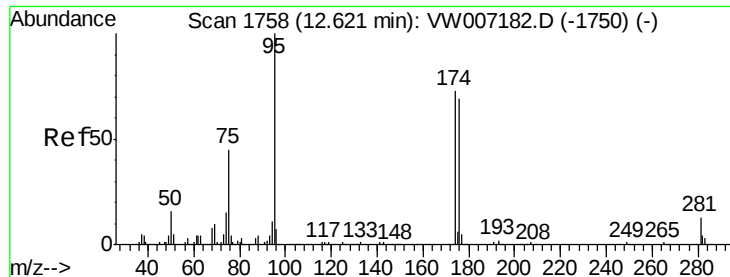
#52
Toluene
Concen: 1.144 ug/l
RT: 10.40 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Tgt Ion: 92 Resp: 3079
Ion Ratio Lower Upper
92 100
91 181.6 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VW
Ion 91.00 (90.70 to 91.70): VW

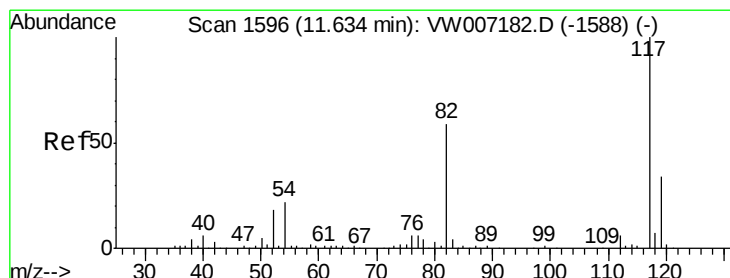
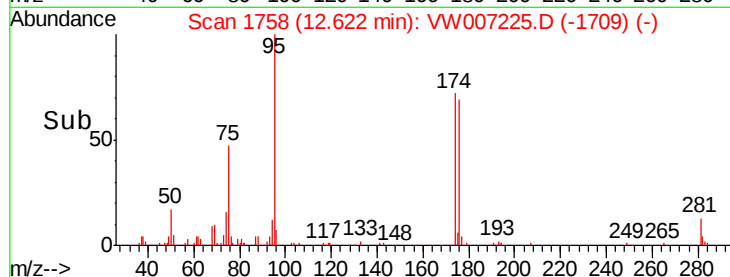
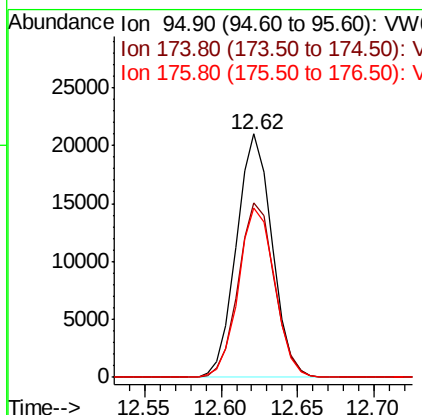
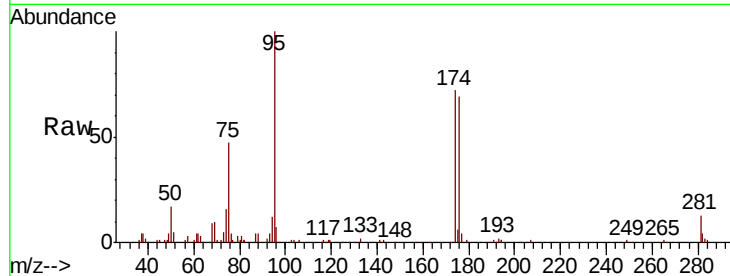




#62
4-Bromofluorobenzene
Concen: 24.516 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

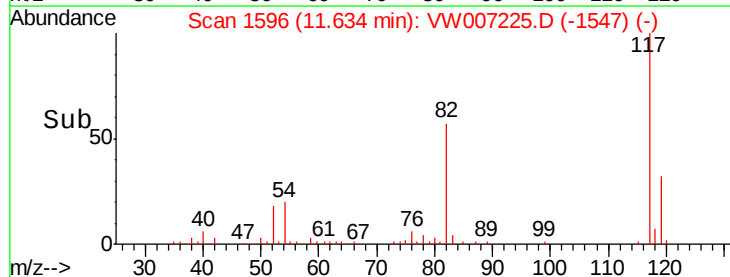
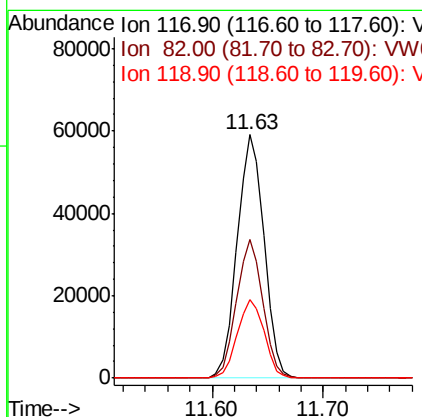
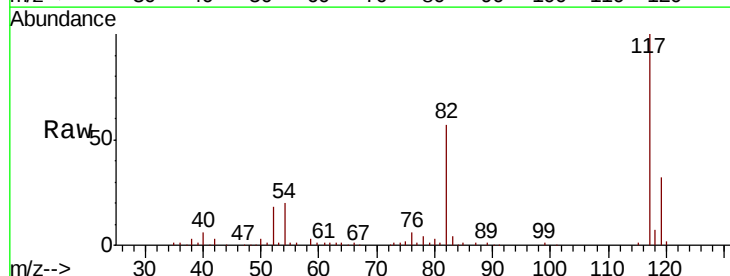
Instrument :
MSVOA_W
ClientSampleId :

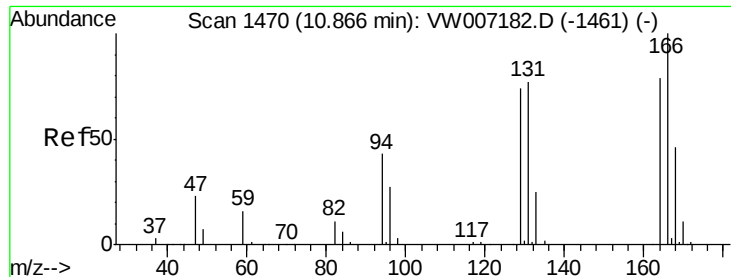
Tot Ion: 95 Resp: 33844
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.0
176 70.7 0.0 139.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Tgt Ion: 117 Resp: 98857
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.5 26.8 40.2





#64

Tetrachloroethene

Concen: 1.008 ug/l

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:164 Resp: 728

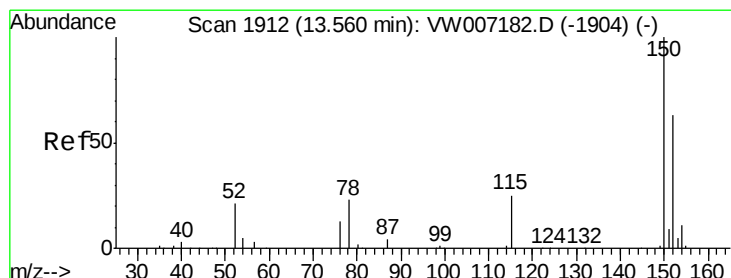
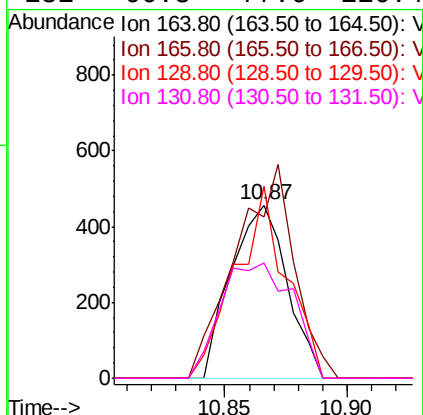
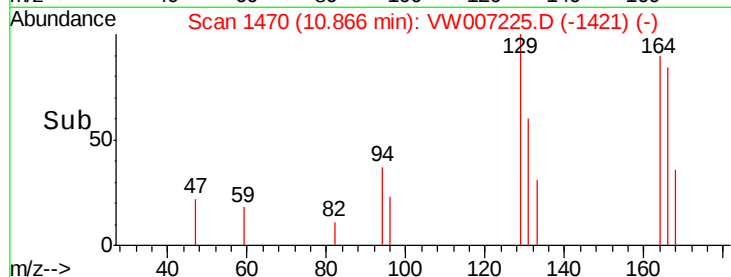
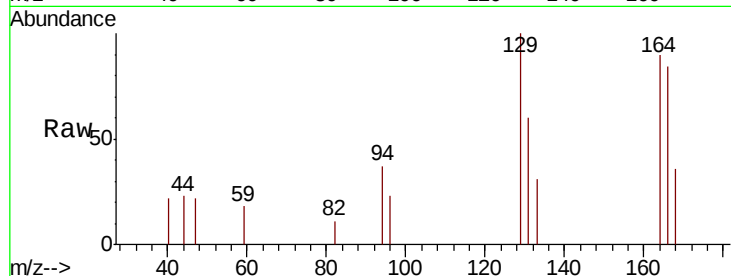
Ion Ratio Lower Upper

164 100

166 93.4 101.0 151.4#

129 110.7 74.6 111.8

131 66.3 77.6 116.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

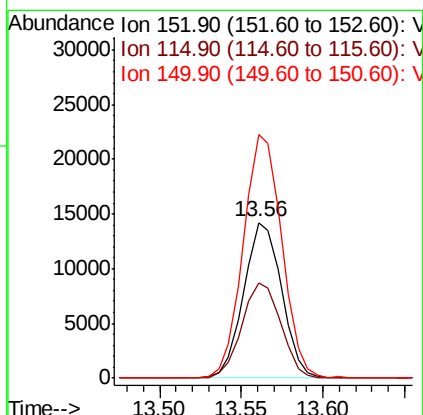
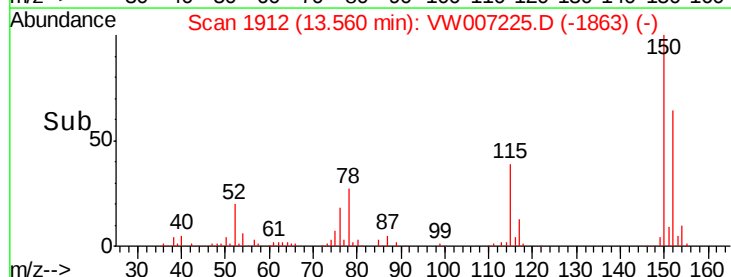
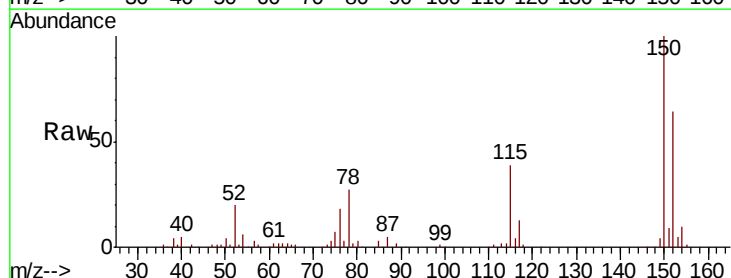
Tgt Ion:152 Resp: 23066

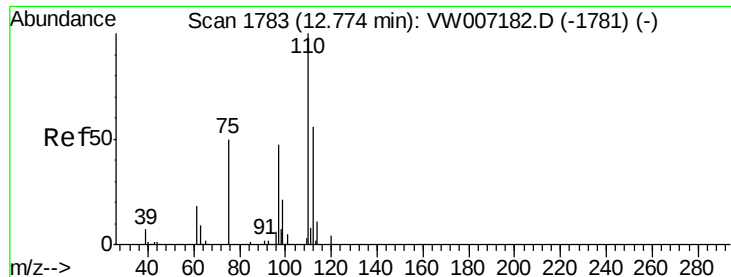
Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.8

150 159.1 0.0 358.0





#76

1,2,3-Trichloropropane

Concen: 92.687 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

Instrument :

MSVOA_W

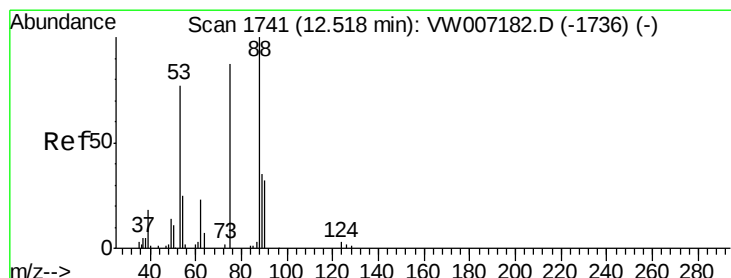
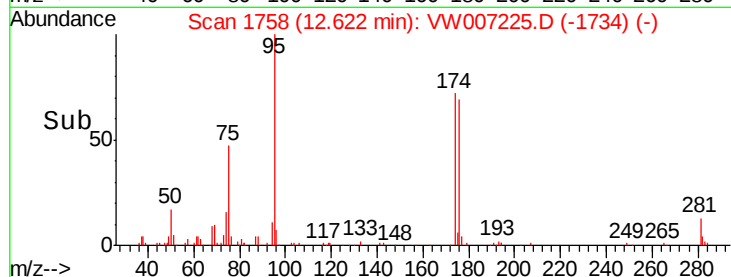
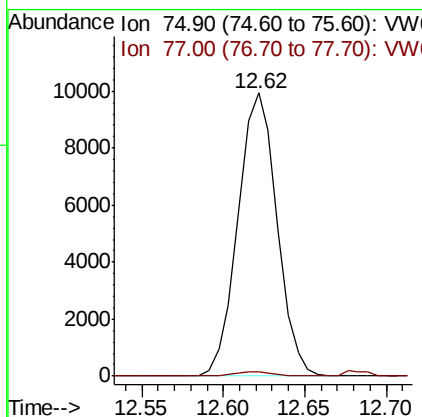
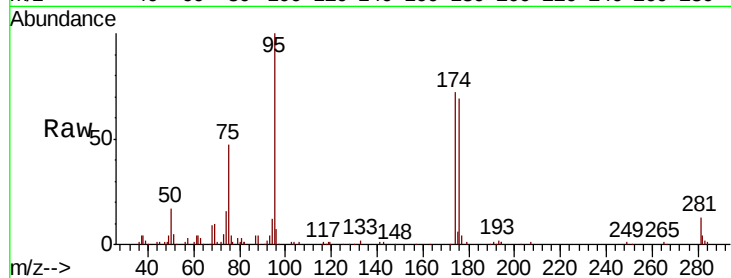
ClientSampleId :

Tot Ion: 75 Resp: 16554

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 199.772 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

Tgt Ion: 75 Resp: 16554

Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.0 36.4 54.6#

