

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
 Data File : VW010023.D
 Acq On : 17 Apr 2019 18:29
 Operator : SY/VA
 Sample : K2405-01RE
 Misc : 5.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 B-1D(0-24)

Quant Time: Apr 18 02:47:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

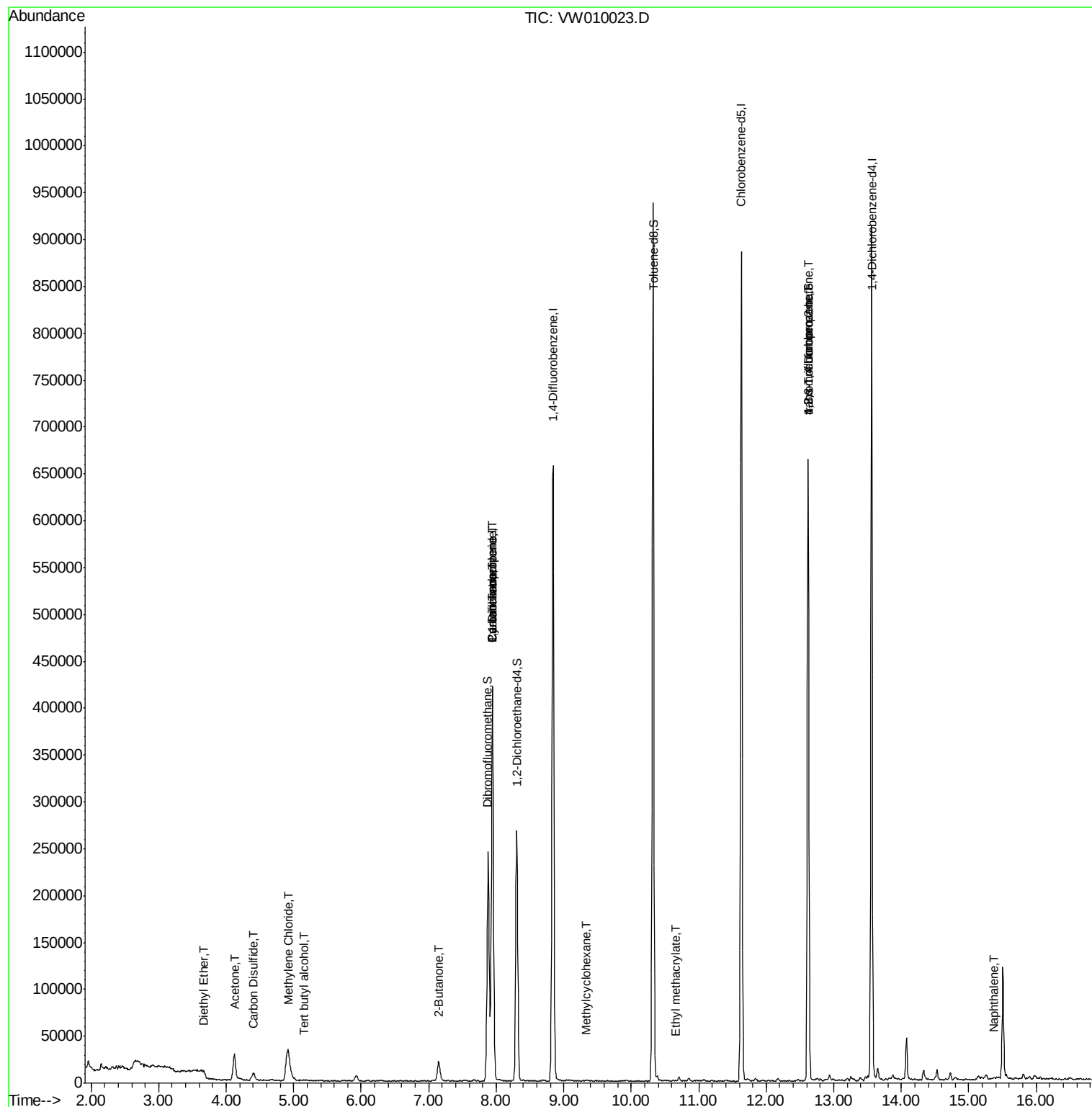
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	515196	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	464744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	211862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	205902	57.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.52%	
35) Dibromofluoromethane	7.88	113	166707	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
50) Toluene-d8	10.32	98	580127	47.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.54%	
62) 4-Bromofluorobenzene	12.62	95	198254	44.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.88%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.67	74	3061	2.079	ug/l	92
11) Tert butyl alcohol	5.16	59	538	2.649	ug/l #	71
16) Acetone	4.12	43	50158	60.638	ug/l	95
17) Carbon Disulfide	4.40	76	1282	1.484	ug/l #	74
20) Methylene Chloride	4.92	84	32023	6.185	ug/l	94
25) 2-Butanone	7.15	43	1487	1.369	ug/l #	87
31) Cyclohexane	7.95	56	8502	1.475	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	25804	4.903	ug/l #	51
38) Carbon Tetrachloride	7.95	117	31415	6.116	ug/l #	15
39) Methylcyclohexane	9.34	83	411	1.260	ug/l #	63
56) Ethyl methacrylate	10.65	69	162	2.682	ug/l #	21
76) 1,2,3-Trichloropropane	12.62	75	109476	51.629	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	109476	121.740	ug/l #	6
95) Naphthalene	15.38	128	2173	2.896	ug/l #	95

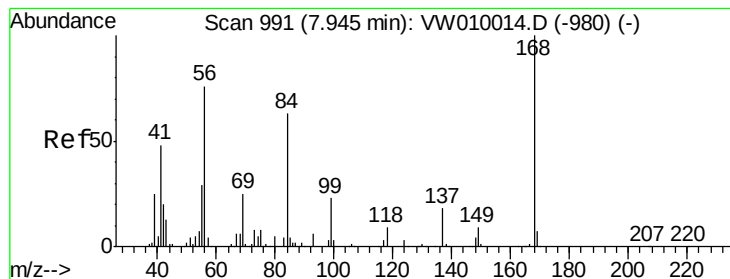
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW041719\
Data File : VW010023.D
Acq On : 17 Apr 2019 18:29
Operator : SY/VA
Sample : K2405-01RE
Misc : 5.41G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-1D(0-24)

Quant Time: Apr 18 02:47:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 02:23:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW010023.D

Acq: 17 Apr 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

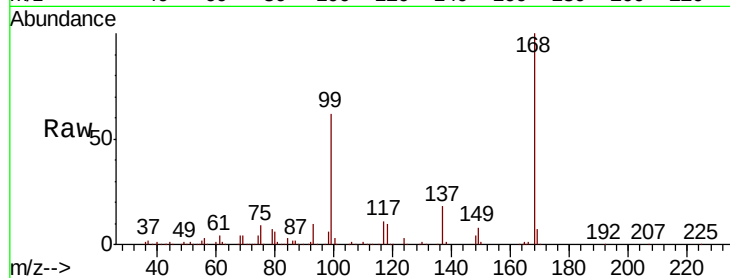
B-1D(0-24)

Tgt Ion:168 Resp: 288890

Ion Ratio Lower Upper

168 100

99 61.6 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

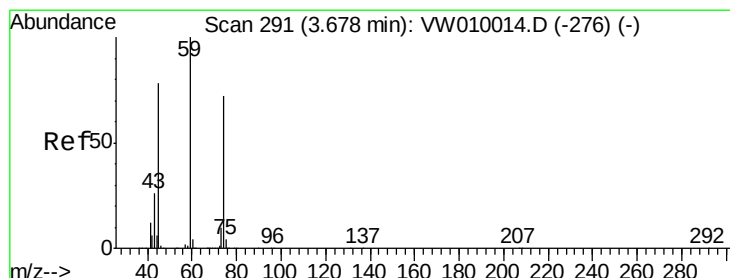
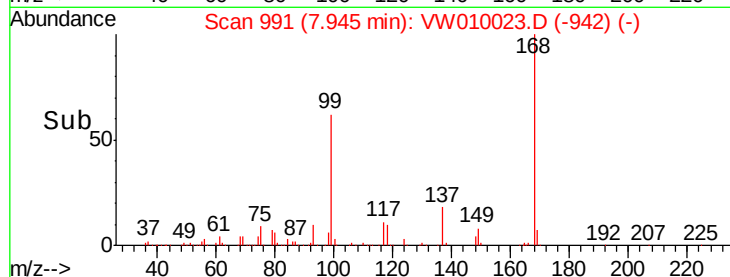
100000

50000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 2.079 ug/l

RT: 3.67 min Scan# 289

Delta R.T. -0.01 min

Lab File: VW010023.D

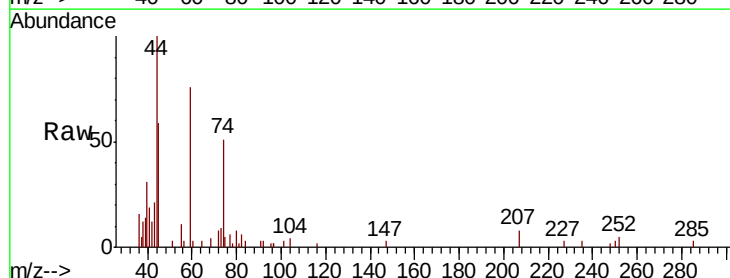
Acq: 17 Apr 2019 18:29

Tgt Ion: 74 Resp: 3061

Ion Ratio Lower Upper

74 100

45 103.3 56.0 168.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

2000

1500

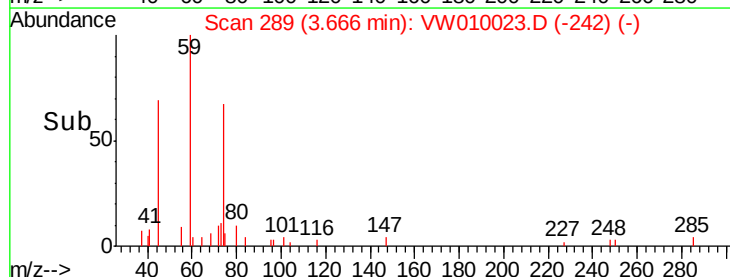
1000

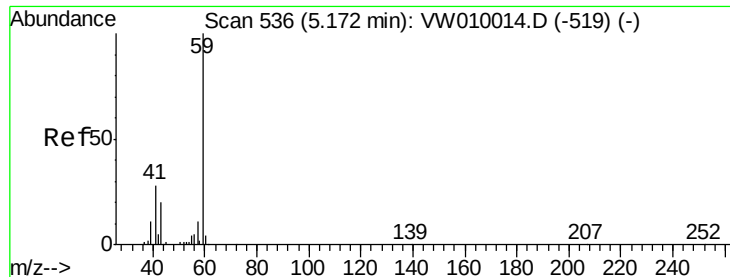
500

0

3.60 3.65 3.70 3.75

Time-->

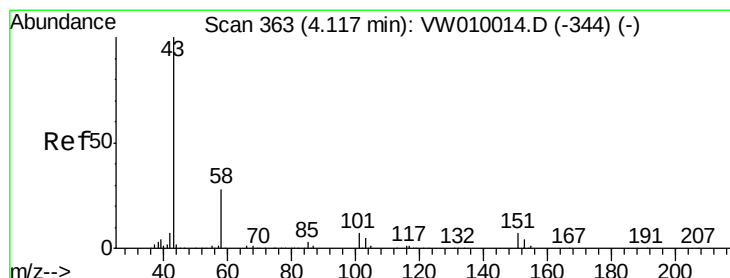
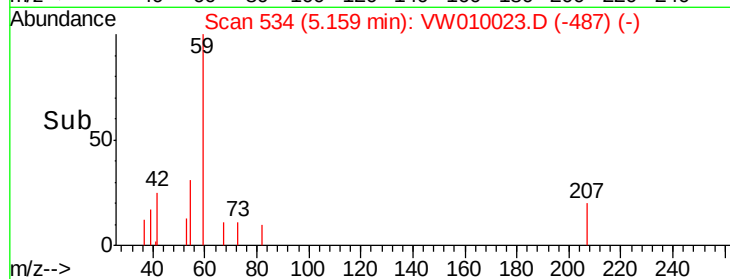
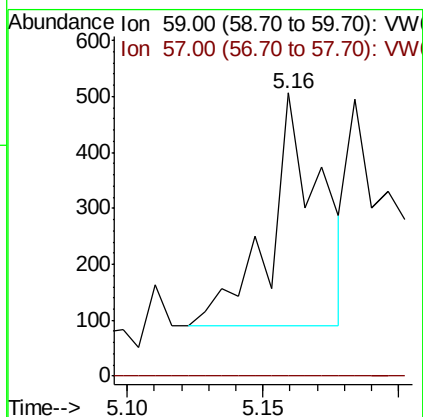
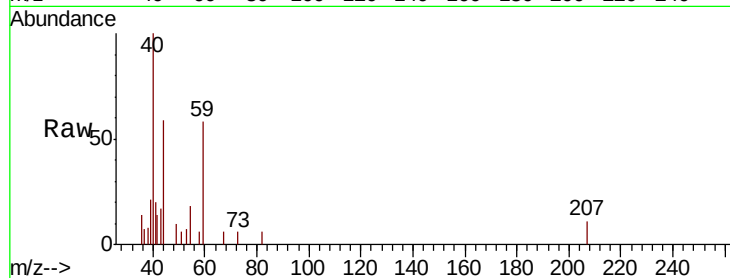




#11
Tert butyl alcohol
Concen: 2.649 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW010023.D
Acq: 17 Apr 2019 18:29

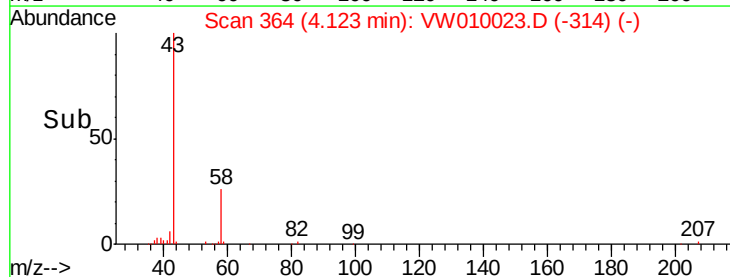
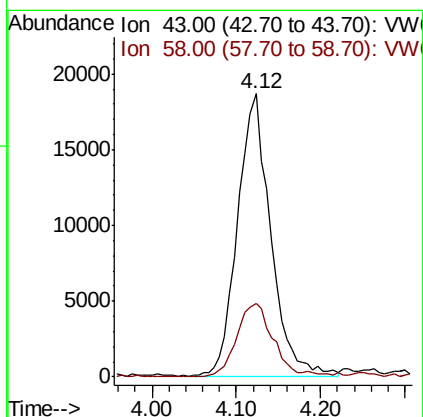
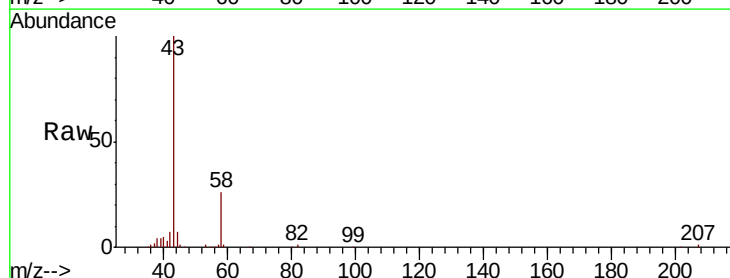
Instrument :
MSVOA_W
ClientSampleId :
B-1D(0-24)

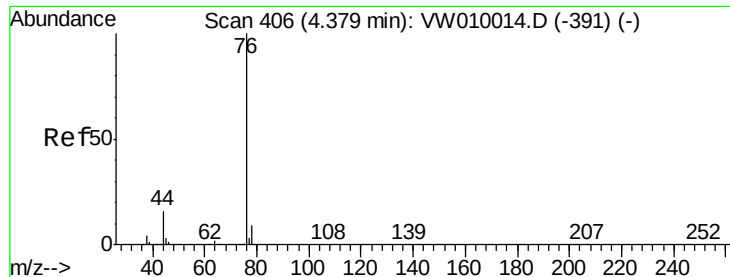
Tgt Ion: 59 Resp: 538
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#16
Acetone
Concen: 60.638 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW010023.D
Acq: 17 Apr 2019 18:29

Tgt Ion: 43 Resp: 50158
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1

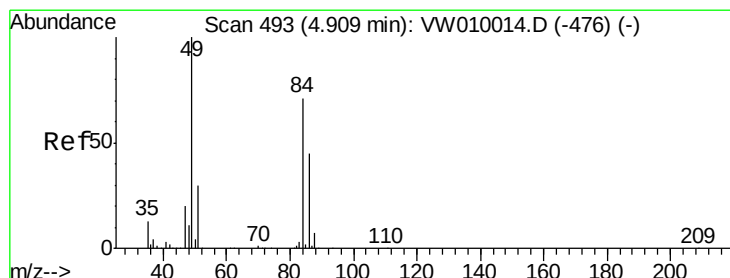
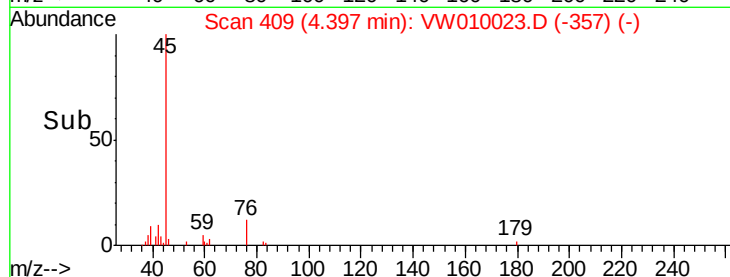
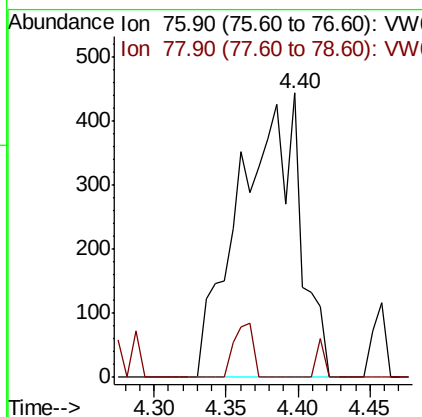
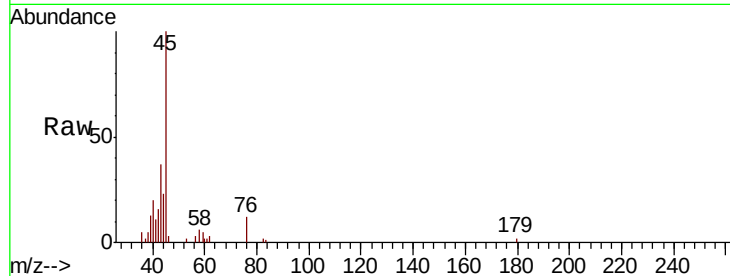




#17
Carbon Disulfide
Concen: 1.484 ug/l
RT: 4.40 min Scan# 409
Delta R.T. 0.02 min
Lab File: VW010023.D
Acq: 17 Apr 2019 18:29

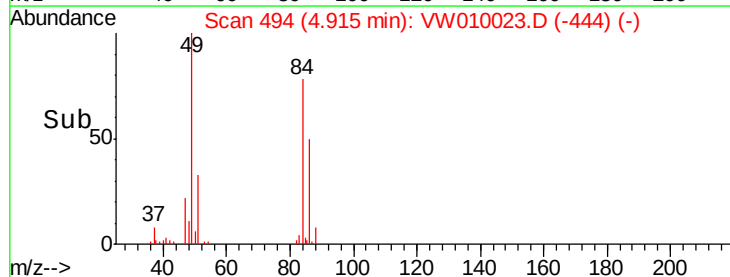
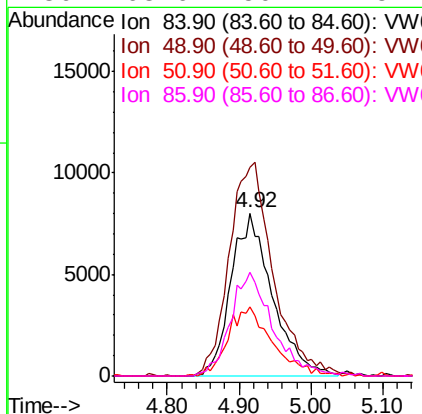
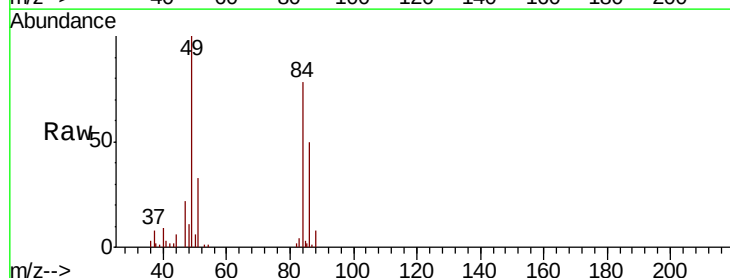
Instrument :
MSVOA_W
ClientSampleId :
B-1D(0-24)

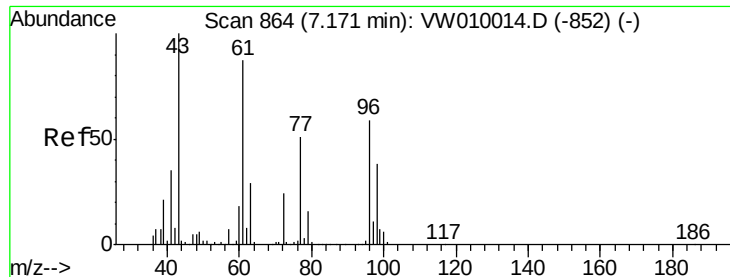
Tgt Ion: 76 Resp: 1282
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#20
Methylene Chloride
Concen: 6.185 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010023.D
Acq: 17 Apr 2019 18:29

Tgt Ion: 84 Resp: 32023
Ion Ratio Lower Upper
84 100
49 128.0 112.3 168.5
51 41.8 33.9 50.9
86 63.6 50.2 75.4





#25

2-Butanone

Concen: 1.369 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW010023.D

Acq: 17 Apr 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

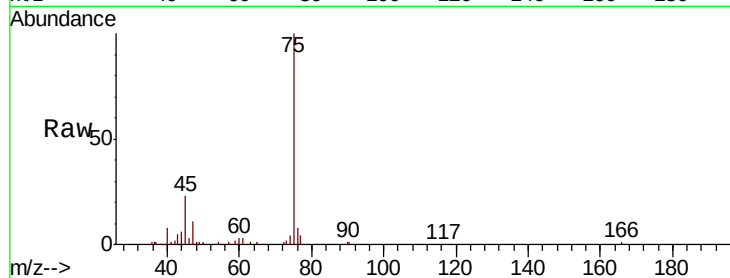
B-1D(0-24)

Tgt Ion: 43 Resp: 1487

Ion Ratio Lower Upper

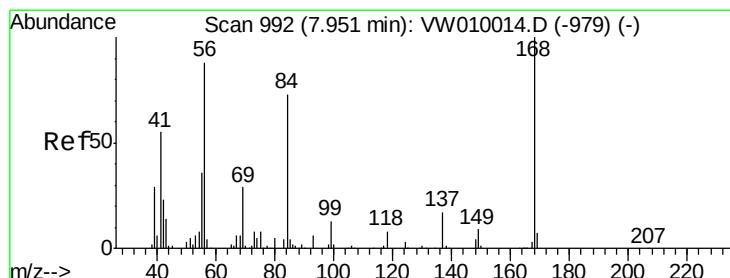
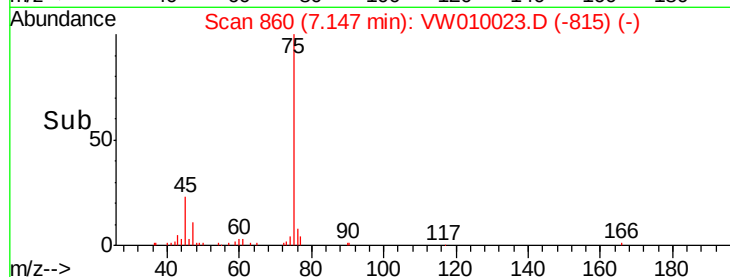
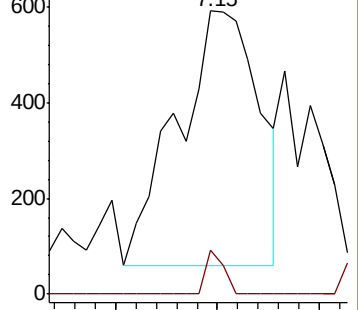
43 100

72 17.5 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.475 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010023.D

Acq: 17 Apr 2019 18:29

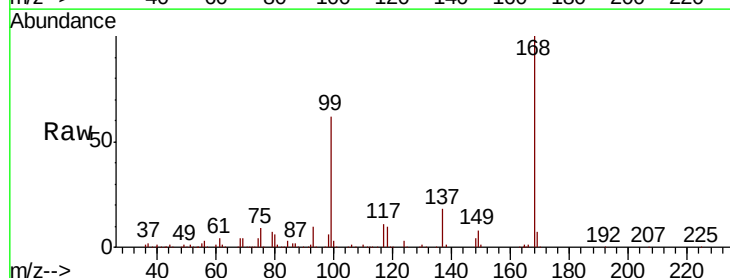
Tgt Ion: 56 Resp: 8502

Ion Ratio Lower Upper

56 100

69 157.2 26.6 40.0#

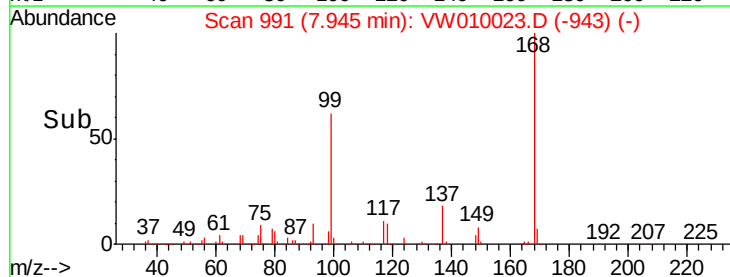
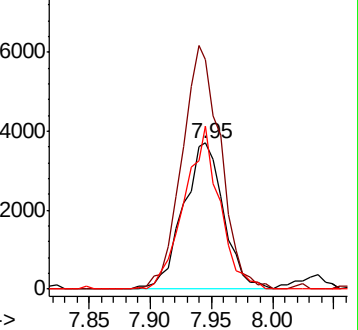
84 111.3 66.2 99.2#

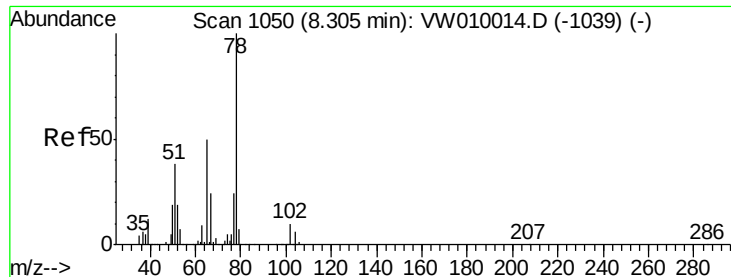


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

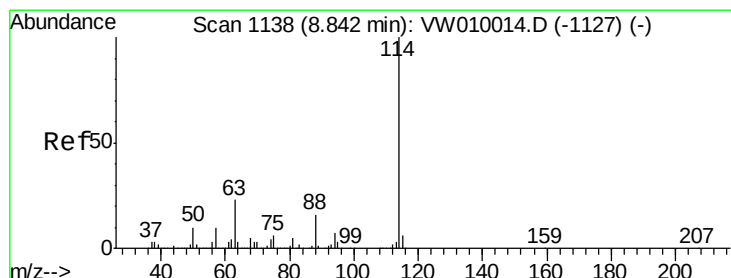
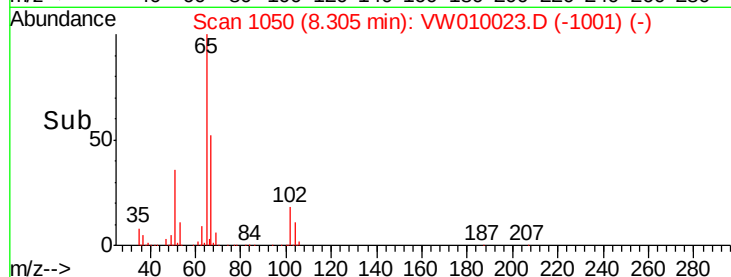
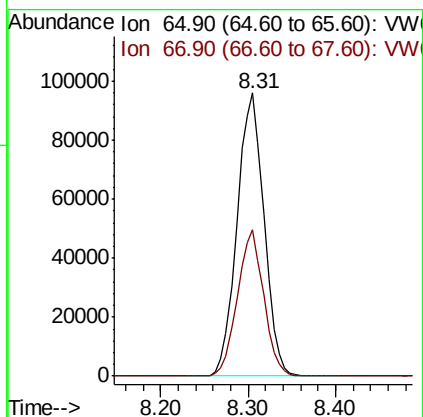
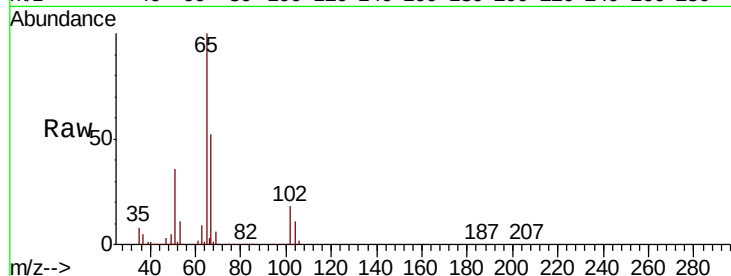




#33
 1,2-Dichloroethane-d4
 Concen: 57.756 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010023.D
 Acq: 17 Apr 2019 18:29

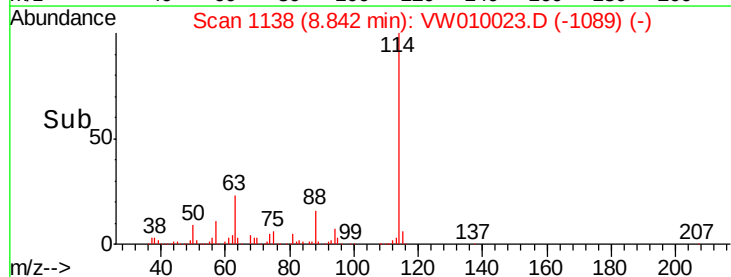
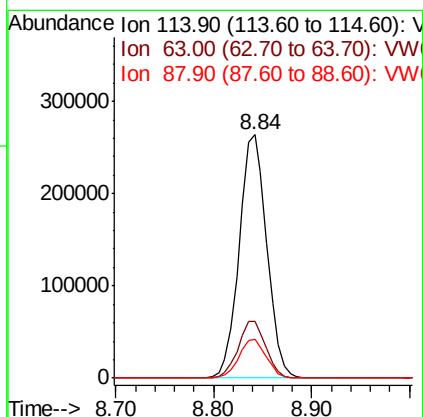
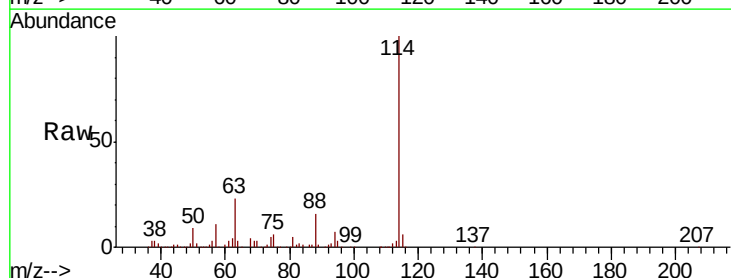
Instrument :
 MSVOA_W
 ClientSampleId :
 B-1D(0-24)

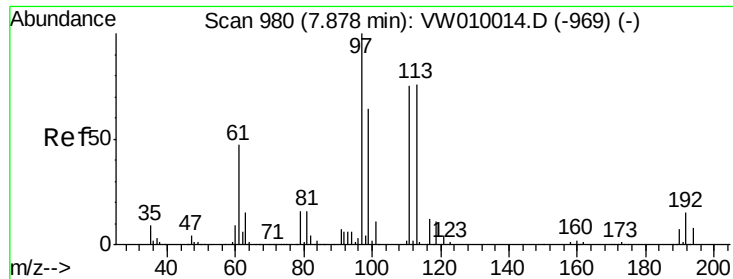
Tgt Ion: 65 Resp: 205902
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010023.D
 Acq: 17 Apr 2019 18:29

Tgt Ion: 114 Resp: 515196
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.2
 88 16.0 0.0 32.6

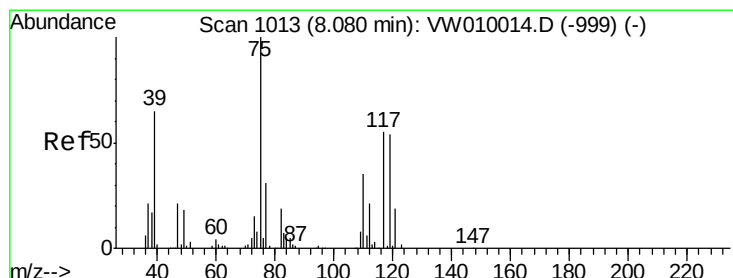
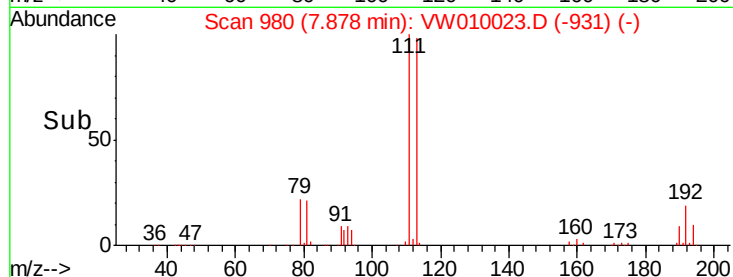
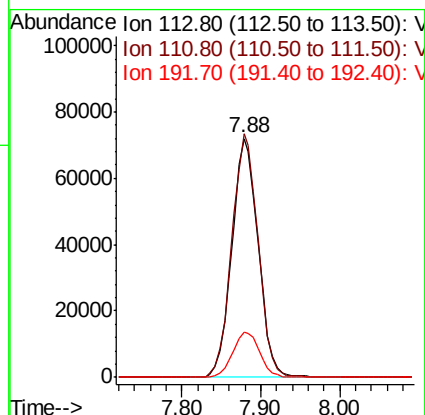
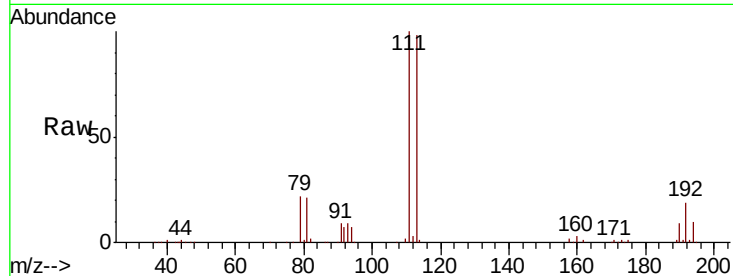




#35
 Dibromofluoromethane
 Concen: 50.896 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW010023.D
 Acq: 17 Apr 2019 18:29

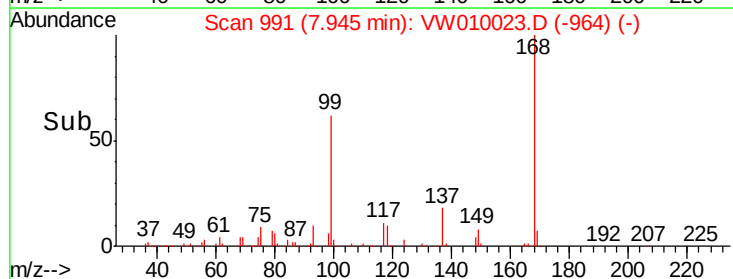
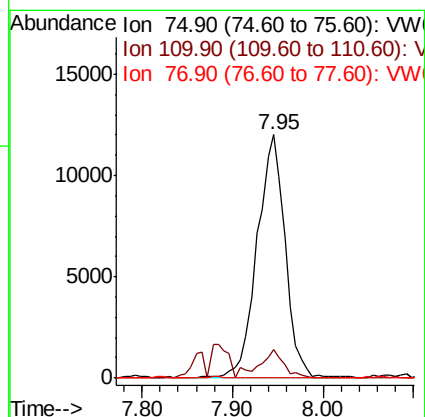
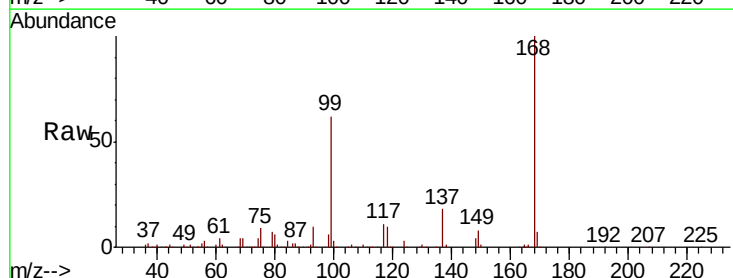
Instrument :
 MSVOA_W
 ClientSampleID :
 B-1D(0-24)

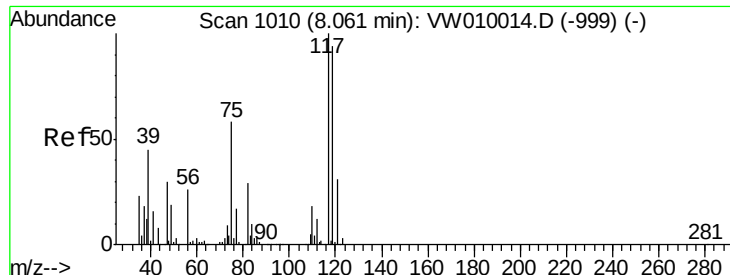
Tgt Ion:113 Resp: 166707
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 123.8
 192 19.3 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.903 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010023.D
 Acq: 17 Apr 2019 18:29

Tgt Ion: 75 Resp: 25804
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.6 49.8#
 77 0.0 24.8 37.2#

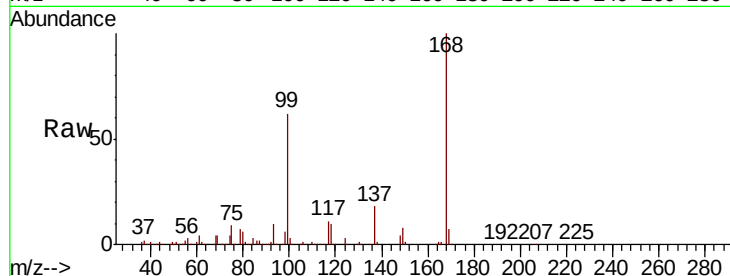




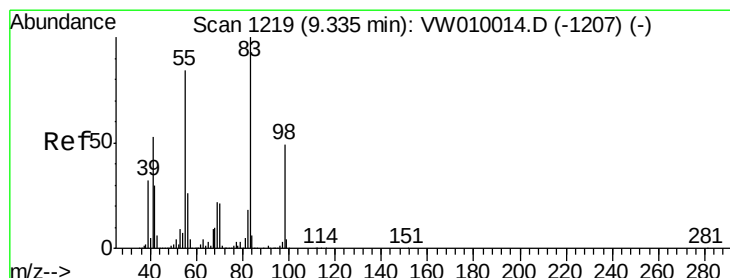
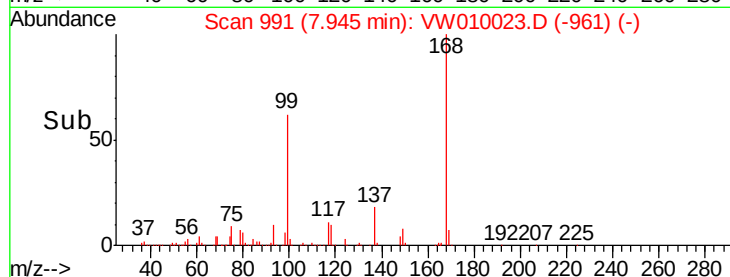
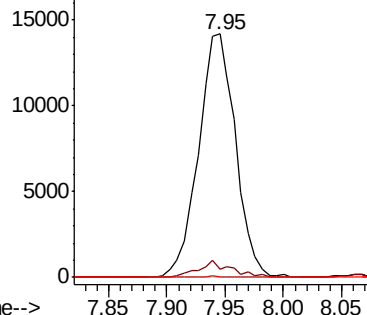
#38
Carbon Tetrachloride
Concen: 6.116 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010023.D
Acq: 17 Apr 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
B-1D(0-24)

Tgt Ion: 117 Resp: 31415
Ion Ratio Lower Upper
117 100
119 3.1 75.3 112.9#
121 0.0 24.4 36.6#

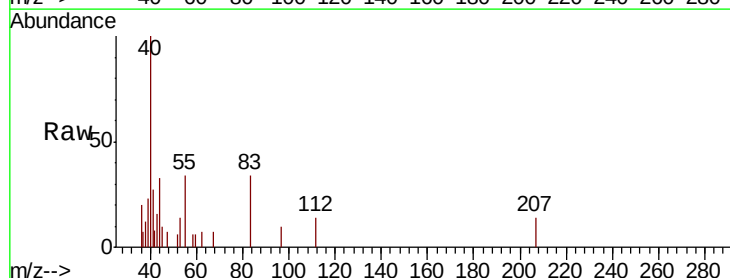


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

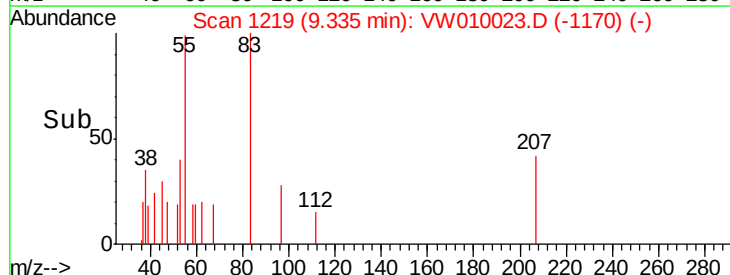
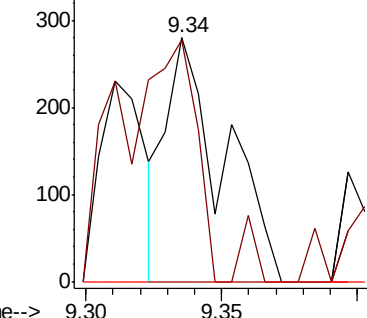


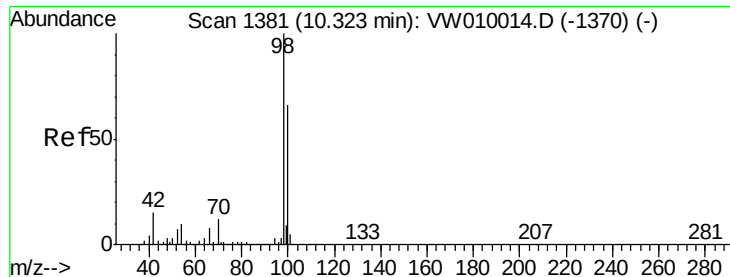
#39
Methylcyclohexane
Concen: 1.260 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010023.D
Acq: 17 Apr 2019 18:29

Tgt Ion: 83 Resp: 411
Ion Ratio Lower Upper
83 100
55 99.3 67.1 100.7
98 0.0 39.2 58.8#



Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW





#50

Toluene-d8

Concen: 47.266 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010023.D

Acq: 17 Apr 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

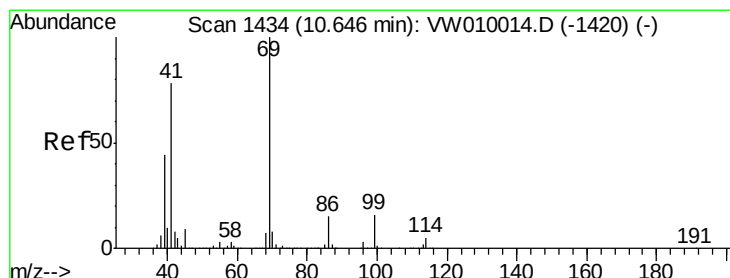
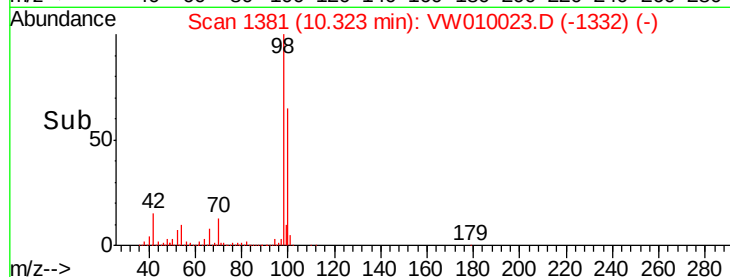
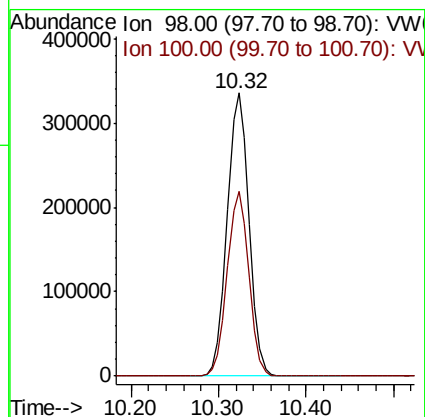
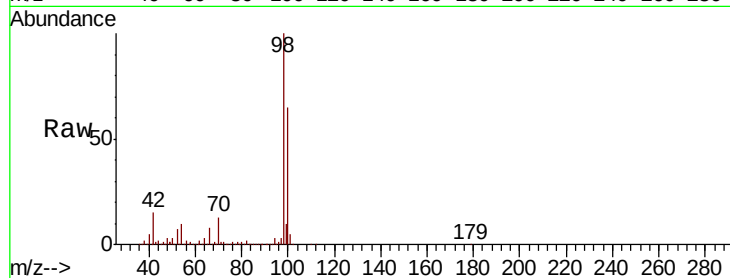
B-1D(0-24)

Tgt Ion: 98 Resp: 580127

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#56

Ethyl methacrylate

Concen: 2.682 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW010023.D

Acq: 17 Apr 2019 18:29

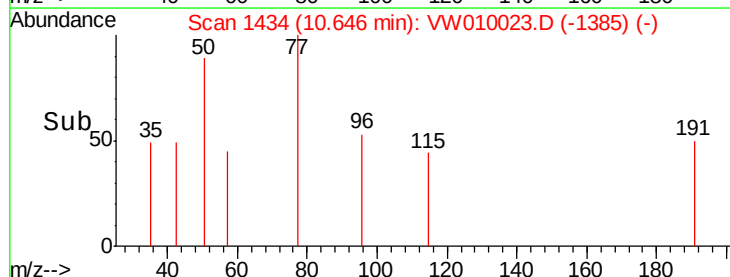
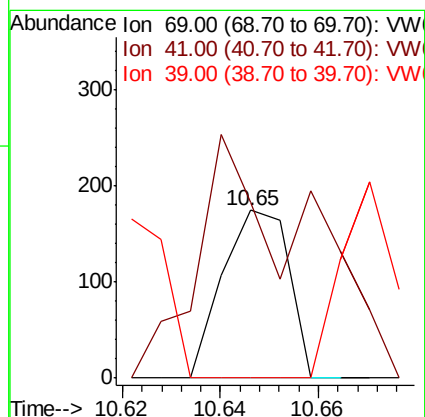
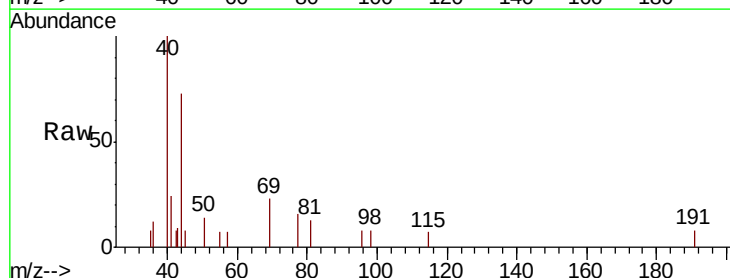
Tgt Ion: 69 Resp: 162

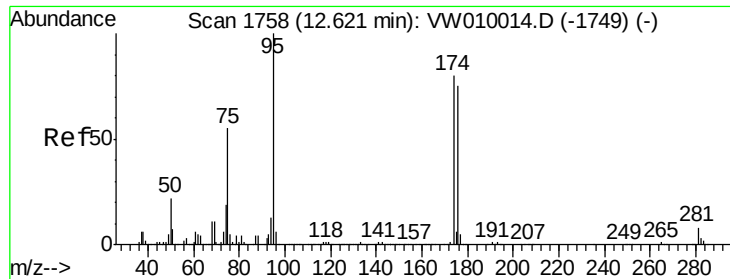
Ion Ratio Lower Upper

69 100

41 150.0 61.0 91.6#

39 0.0 33.8 50.6#

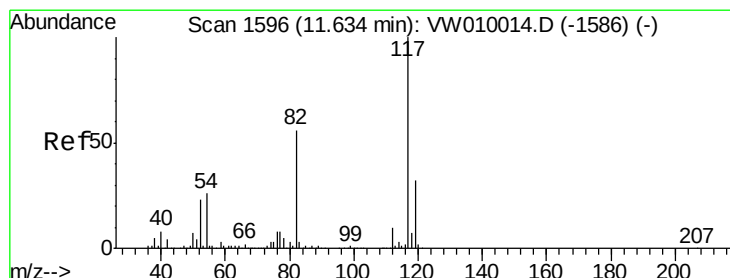
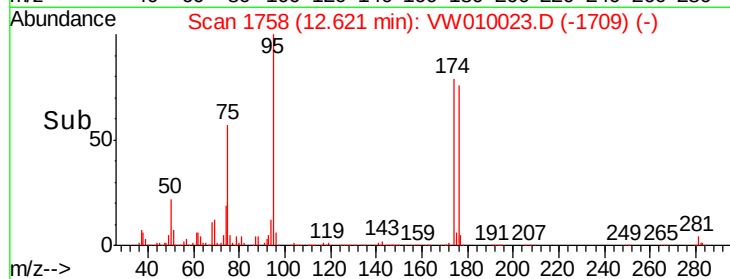
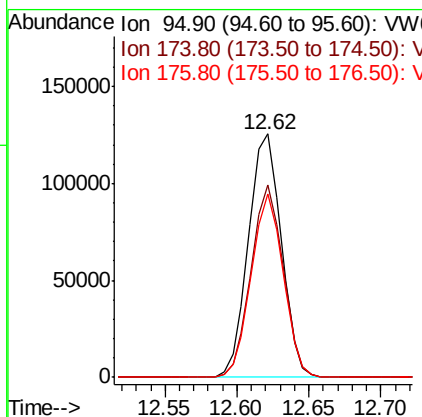
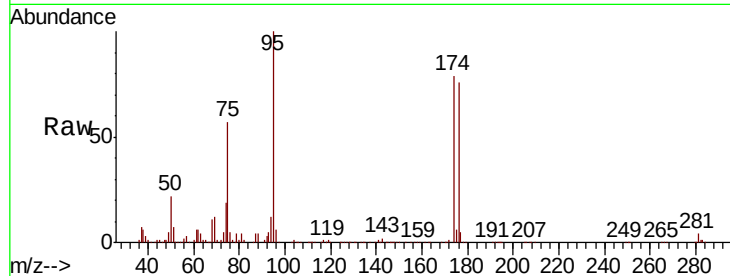




#62
4-Bromofluorobenzene
Concen: 44.437 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010023.D
Acq: 17 Apr 2019 18:29

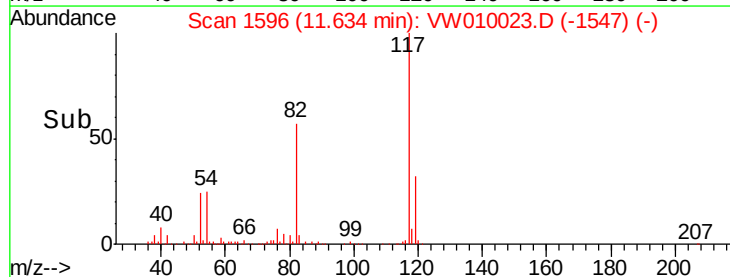
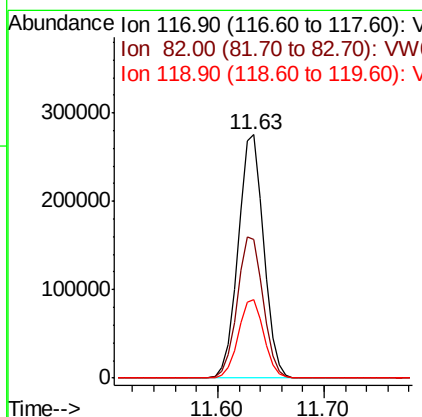
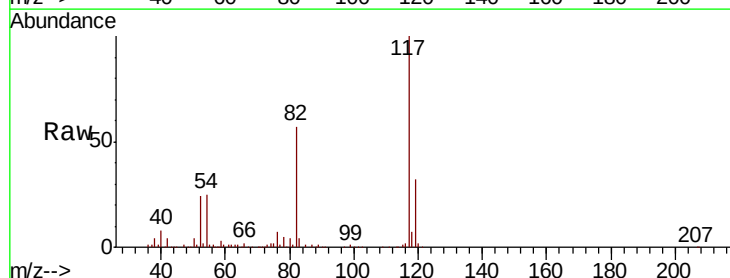
Instrument :
MSVOA_W
ClientSampleId :
B-1D(0-24)

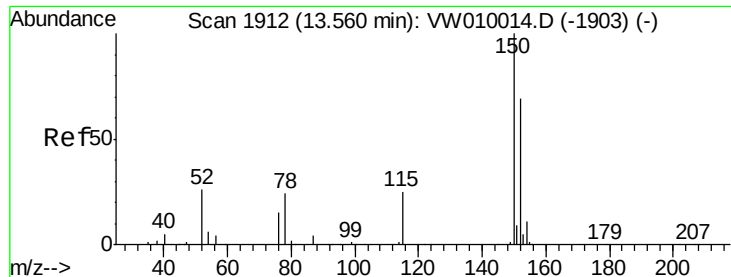
Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	151.4
176	73.8	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010023.D
Acq: 17 Apr 2019 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.2	67.8
119	32.0	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010023.D

Acq: 17 Apr 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

B-1D(0-24)

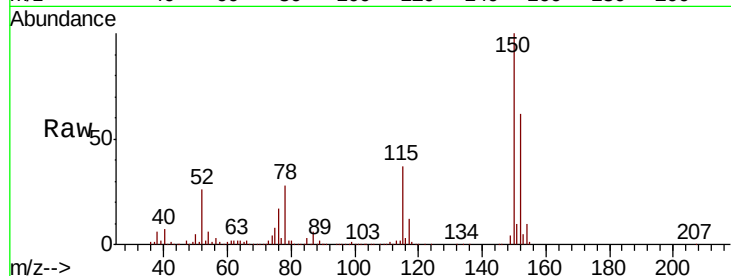
Tgt Ion:152 Resp: 211862

Ion Ratio Lower Upper

152 100

115 59.9 30.4 91.2

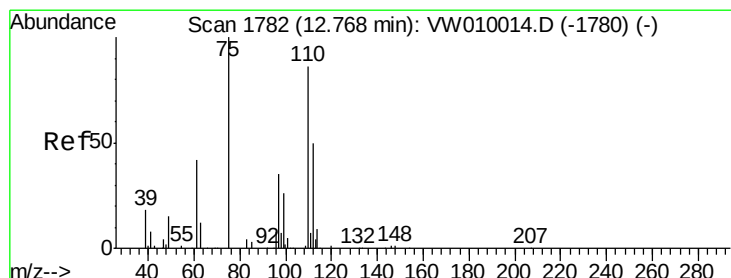
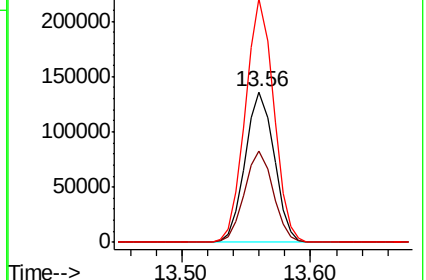
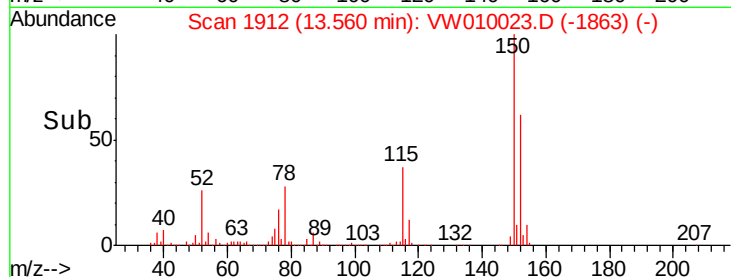
150 158.0 0.0 347.0



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: 51.629 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010023.D

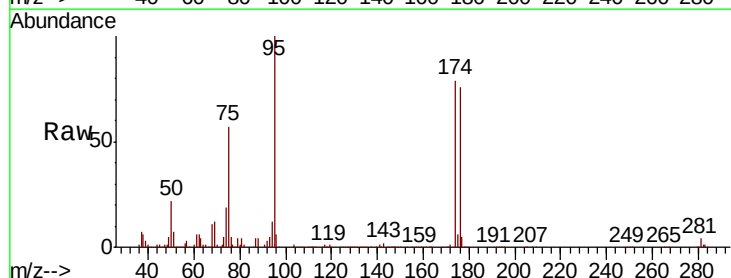
Acq: 17 Apr 2019 18:29

Tgt Ion: 75 Resp: 109476

Ion Ratio Lower Upper

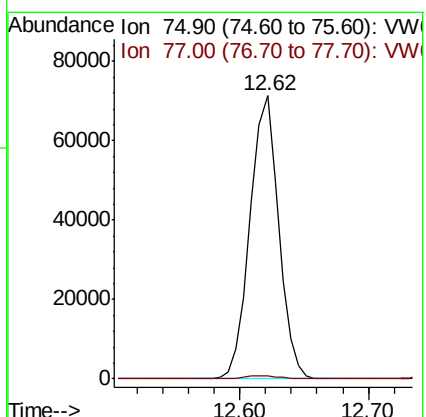
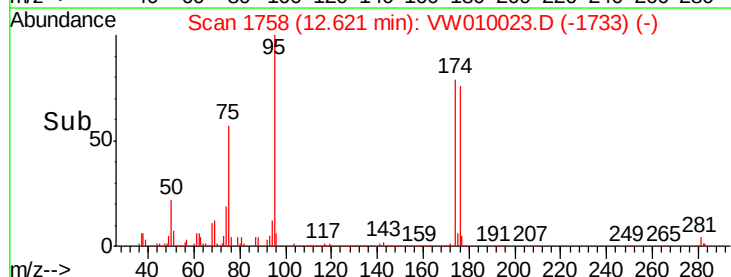
75 100

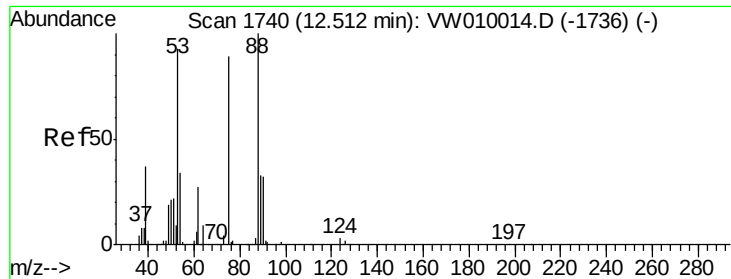
77 1.3 0.0 0.0#



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: 121.740 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010023.D

Acq: 17 Apr 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

B-1D(0-24)

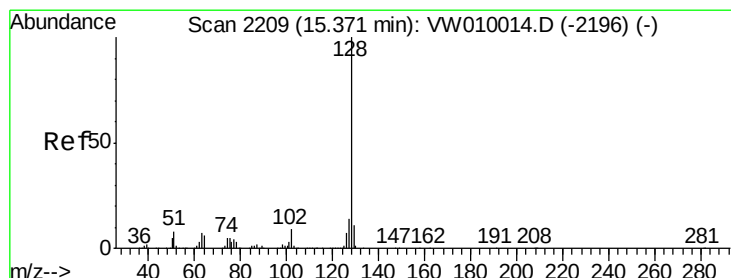
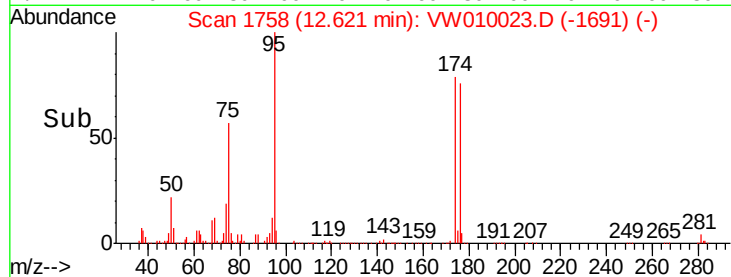
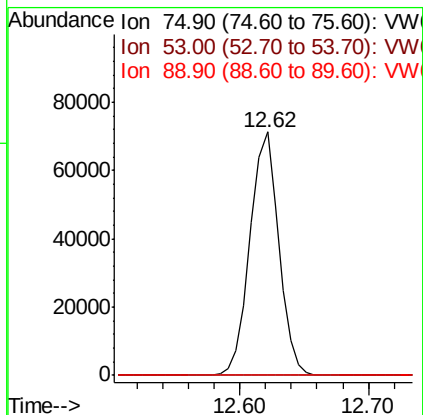
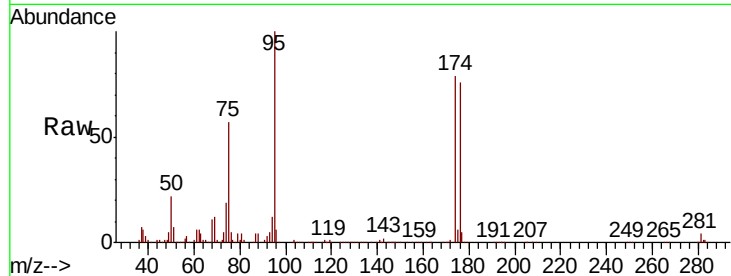
Tgt Ion: 75 Resp: 109476

Ion Ratio Lower Upper

75 100

53 0.6 89.8 134.8#

89 0.1 36.6 54.8#



#95

Naphthalene

Concen: 2.896 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW010023.D

Acq: 17 Apr 2019 18:29

Tgt Ion: 128 Resp: 2173

Ion Ratio Lower Upper

128 100

127 14.2 10.6 15.8

129 13.7 8.7 13.1#

