

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
 Data File : VW012753.D
 Acq On : 08 Sep 2019 07:33
 Operator : SY/VA
 Sample : K4636-07
 Misc : 5.04G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-22-6.5-7.0

Quant Time: Sep 09 04:06:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	213390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	265679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	71432	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	129218	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
35) Dibromofluoromethane	7.88	113	99454	50.63	ug/l	0.00
Spiked Amount			Recovery	=	101.26%	
50) Toluene-d8	10.32	98	410567	53.35	ug/l	0.00
Spiked Amount			Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.62	95	101364	36.28	ug/l	0.00
Spiked Amount			Recovery	=	72.56%	

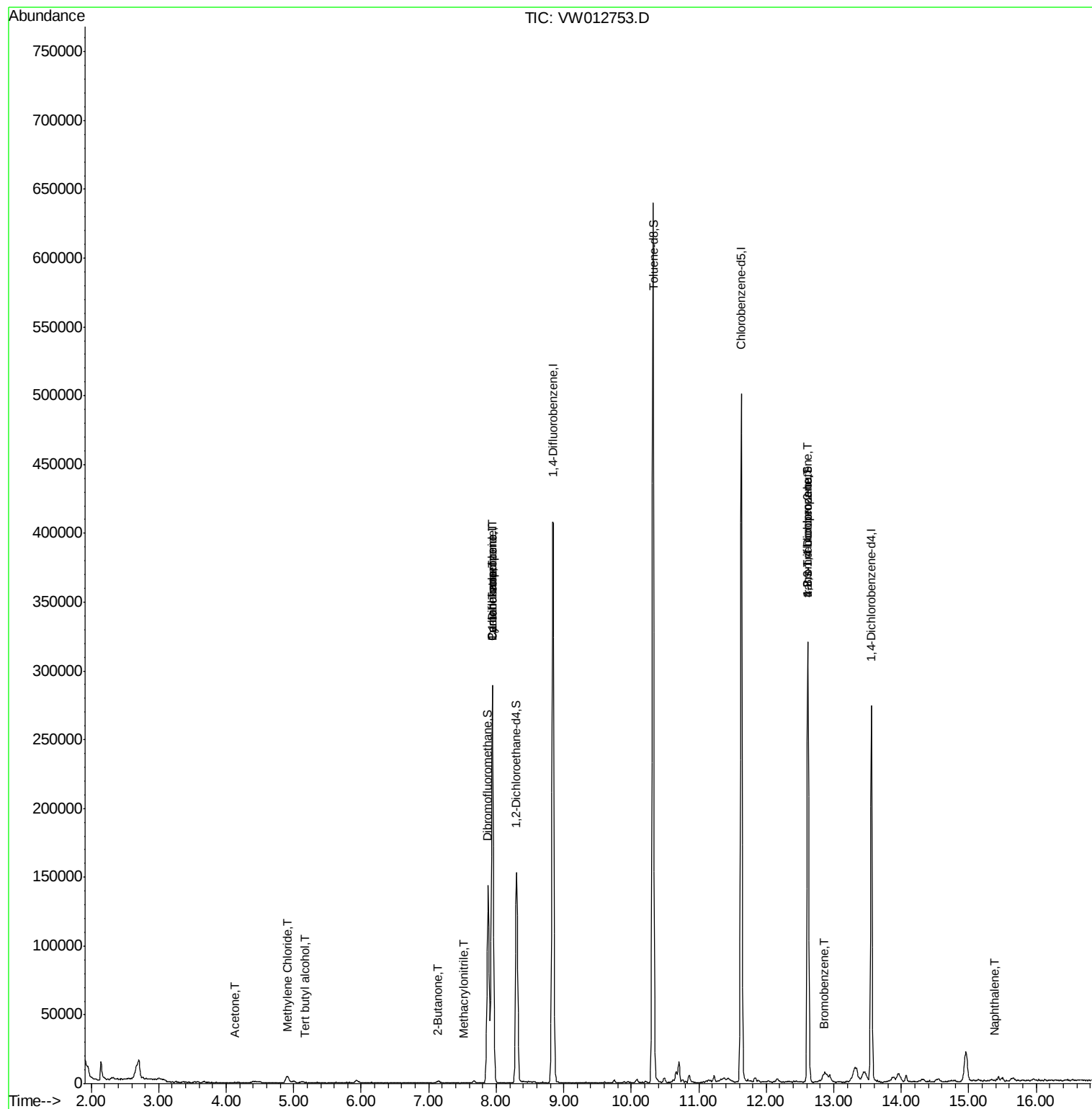
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	228	1.250	ug/l	95
16) Acetone	4.14	43	760	1.169	ug/l	91
20) Methylene Chloride	4.92	84	3387	1.666	ug/l #	72
25) 2-Butanone	7.15	43	27	19.706	ug/l #	53
31) Cyclohexane	7.95	56	5025	1.434	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17147	5.841	ug/l #	52
38) Carbon Tetrachloride	7.95	117	21601	7.464	ug/l #	16
41) Methacrylonitrile	7.51	41	45	3.871	ug/l #	58
76) 1,2,3-Trichloropropane	12.62	75	54132	74.110	ug/l #	100
77) Bromobenzene	12.85	156	3394	2.924	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	54132	156.749	ug/l #	6
95) Naphthalene	15.38	128	624	4.629	ug/l #	77

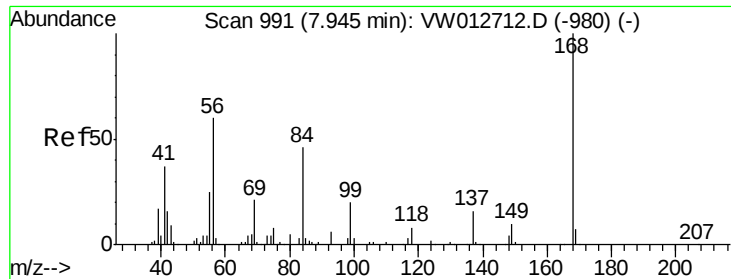
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090719\
Data File : VW012753.D
Acq On : 08 Sep 2019 07:33
Operator : SY/VA
Sample : K4636-07
Misc : 5.04G/5ML/MSVOA_W/SOIL
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-22-6.5-7.0

Quant Time: Sep 09 04:06:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012753.D

Acq: 08 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampled :

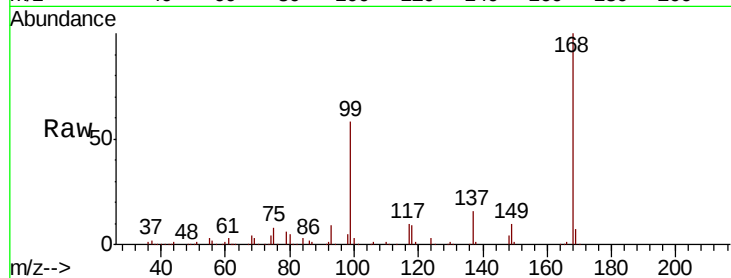
SB-22-6.5-7.0

Tgt Ion:168 Resp: 213390

Ion Ratio Lower Upper

168 100

99 58.2 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

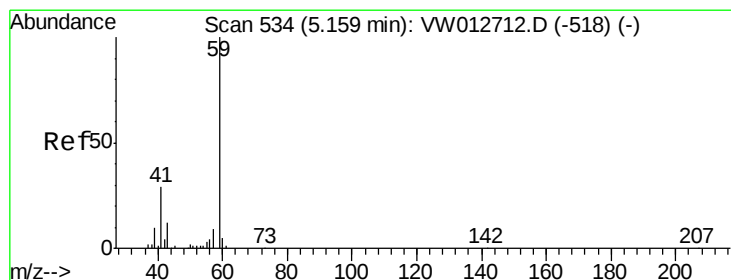
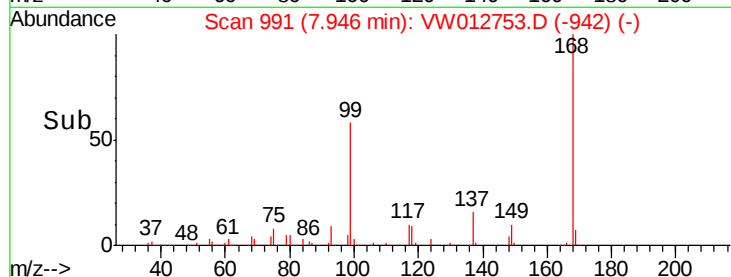
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.250 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW012753.D

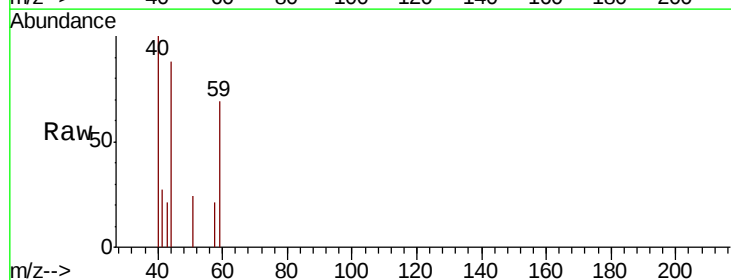
Acq: 08 Sep 2019 07:33

Tgt Ion: 59 Resp: 228

Ion Ratio Lower Upper

59 100

57 8.3 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

200

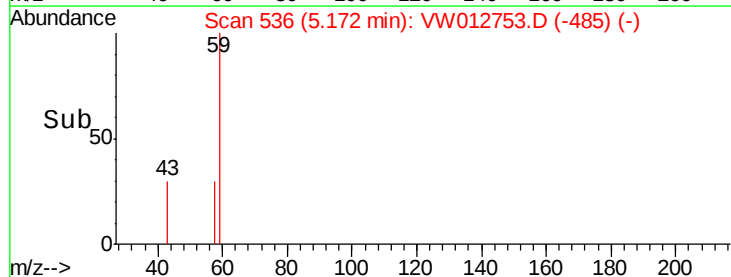
150

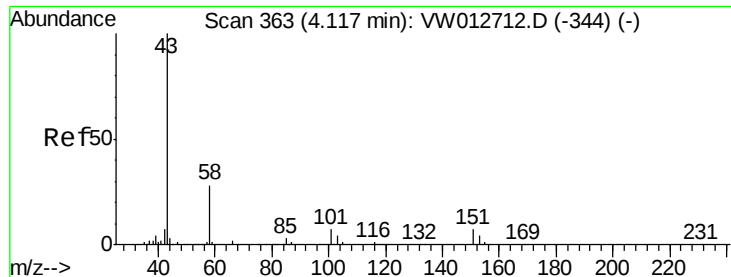
100

50

0

Time--> 5.14 5.16 5.18





#16

Acetone

Concen: 1.169 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012753.D

Acq: 08 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

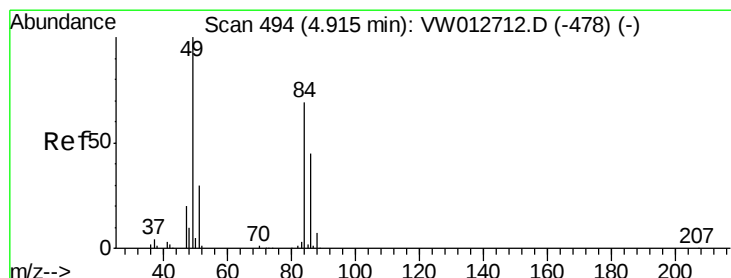
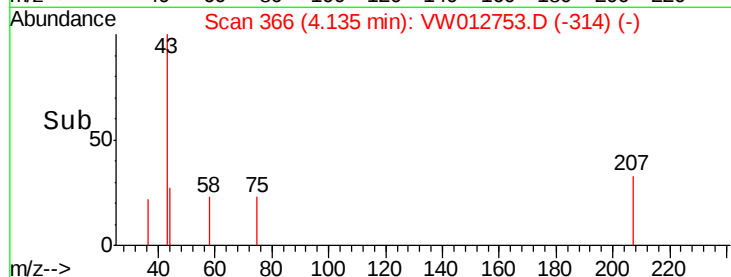
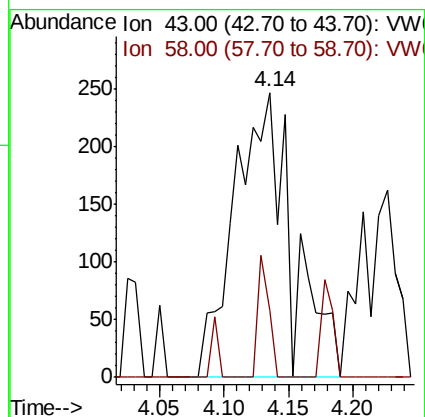
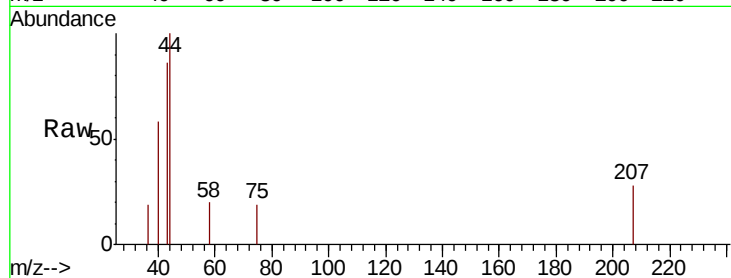
SB-22-6.5-7.0

Tgt Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

58 23.5 22.6 33.8



#20

Methylene Chloride

Concen: 1.666 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW012753.D

Acq: 08 Sep 2019 07:33

Tgt Ion: 84 Resp: 3387

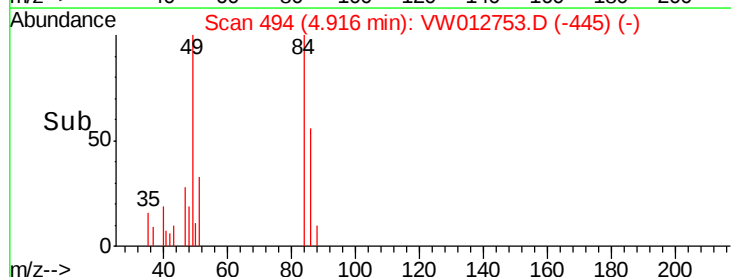
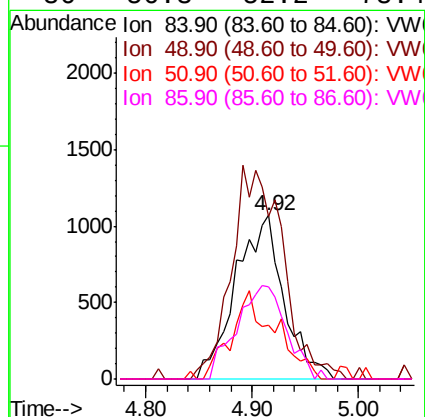
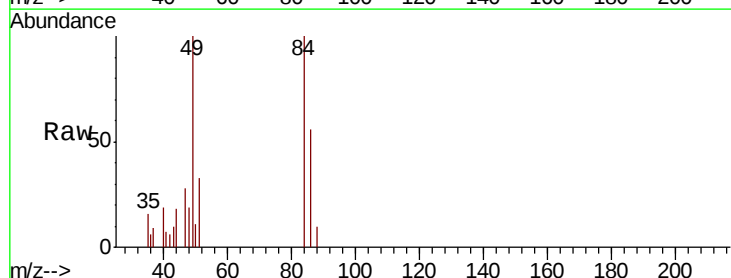
Ion Ratio Lower Upper

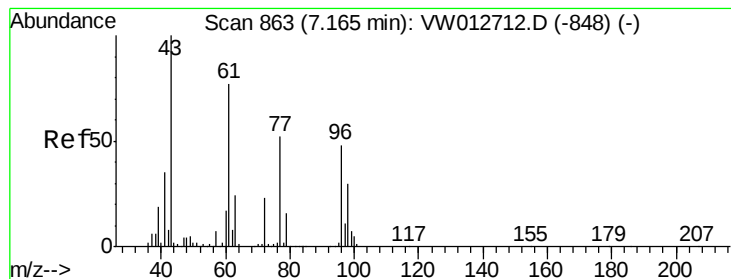
84 100

49 99.9 115.4 173.0#

51 27.9 34.9 52.3#

86 56.3 52.2 78.4





#25

2-Butanone

Concen: 19.706 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW012753.D

Acq: 08 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

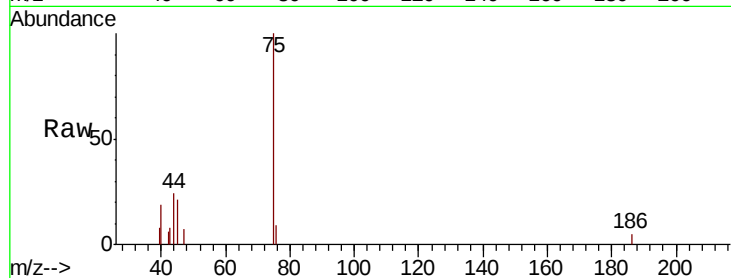
SB-22-6.5-7.0

Tgt Ion: 43 Resp: 27

Ion Ratio Lower Upper

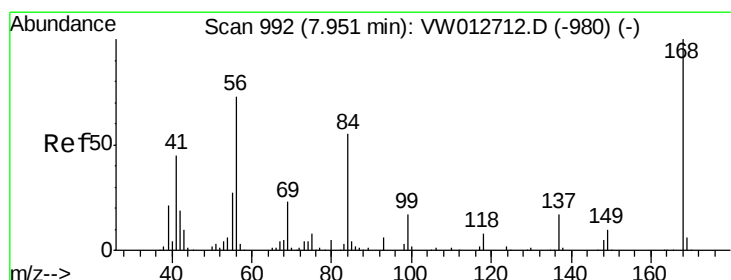
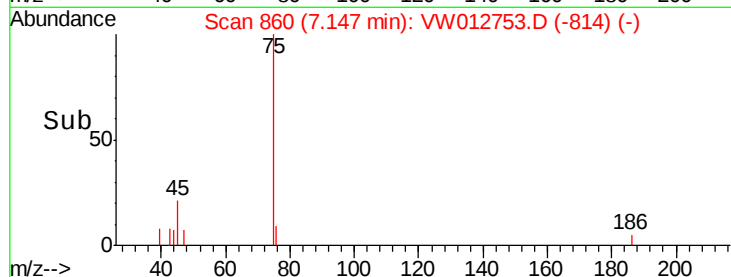
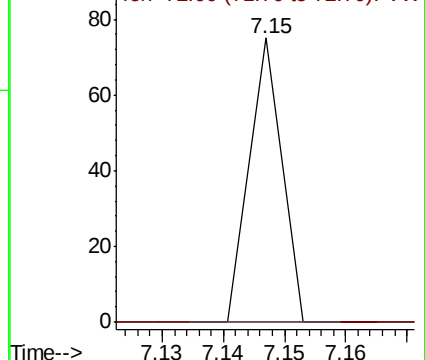
43 100

72 0.0 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.434 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW012753.D

Acq: 08 Sep 2019 07:33

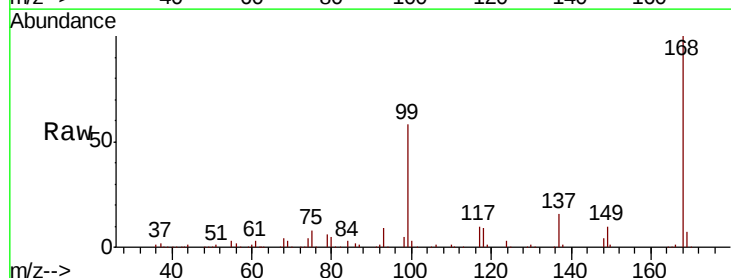
Tgt Ion: 56 Resp: 5025

Ion Ratio Lower Upper

56 100

69 147.6 25.7 38.5#

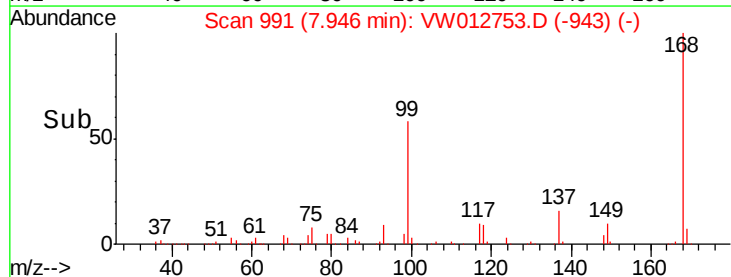
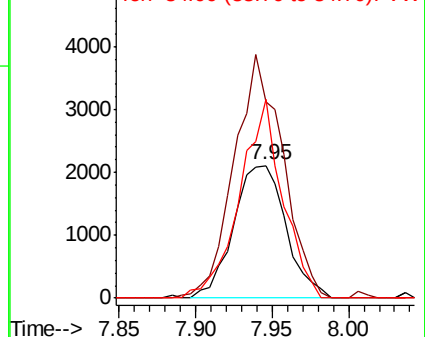
84 149.6 60.4 90.6#

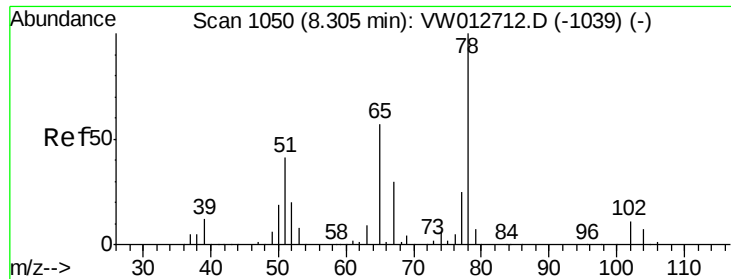


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

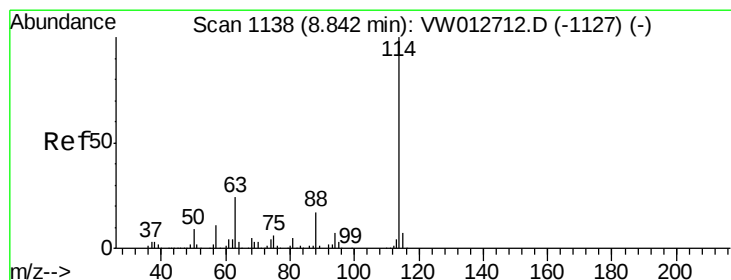
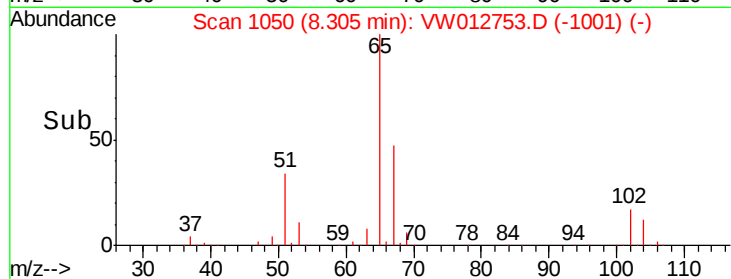
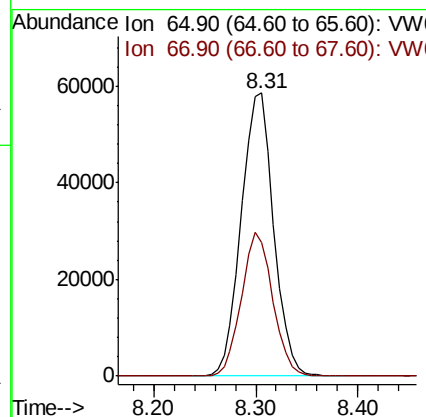
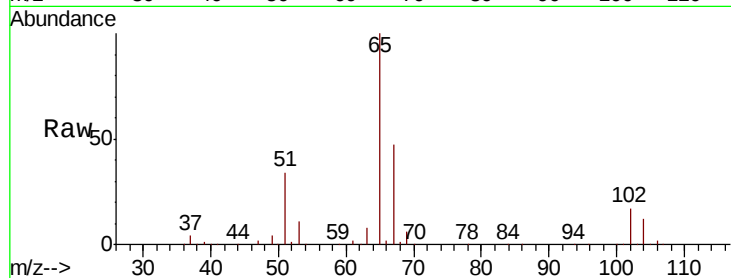




#33
 1,2-Dichloroethane-d4
 Concen: 54.196 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW012753.D
 Acq: 08 Sep 2019 07:33

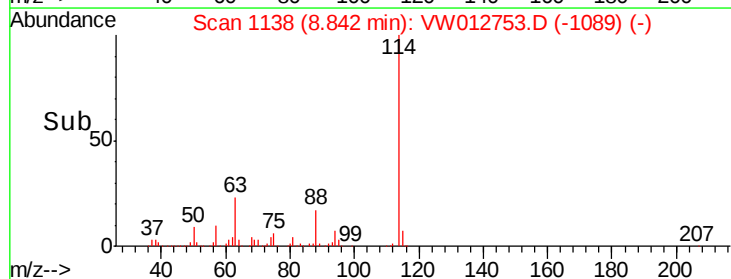
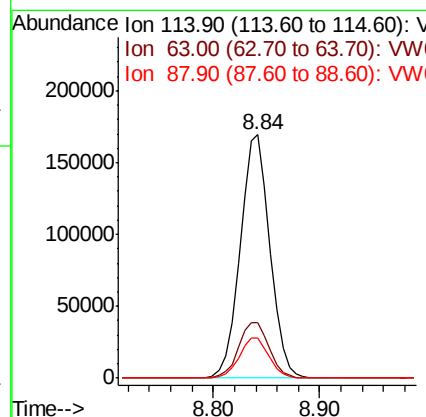
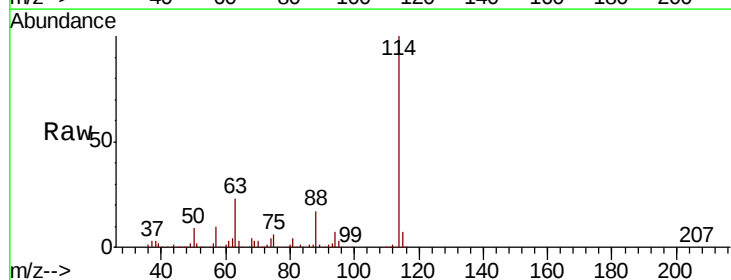
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-22-6.5-7.0

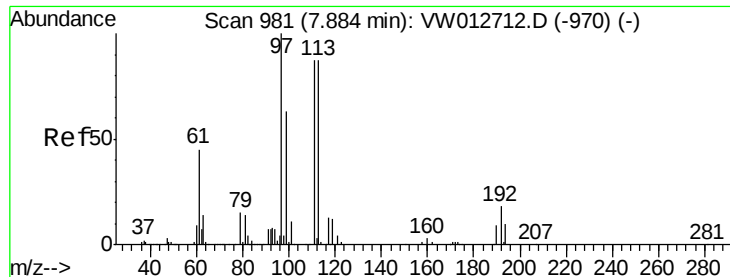
Tgt Ion: 65 Resp: 129218
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW012753.D
 Acq: 08 Sep 2019 07:33

Tgt Ion: 114 Resp: 330419
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 16.7 0.0 34.0

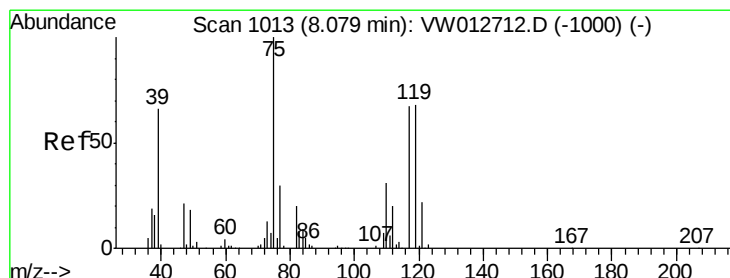
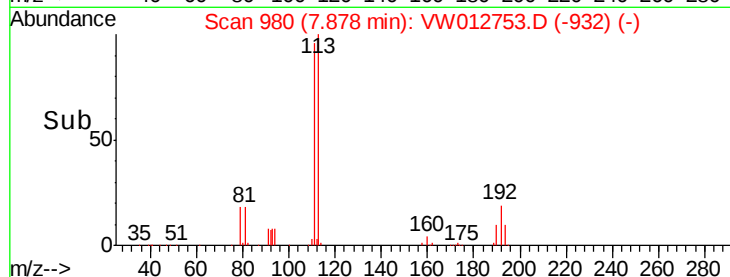
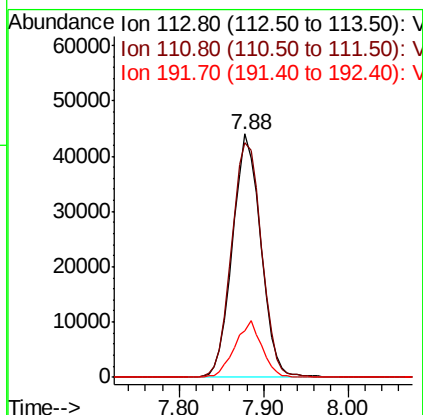
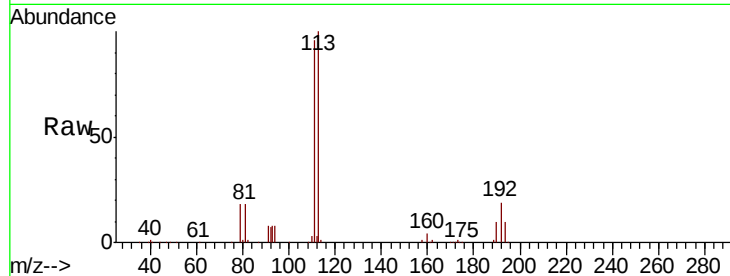




#35
 Dibromofluoromethane
 Concen: 50.627 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012753.D
 Acq: 08 Sep 2019 07:33

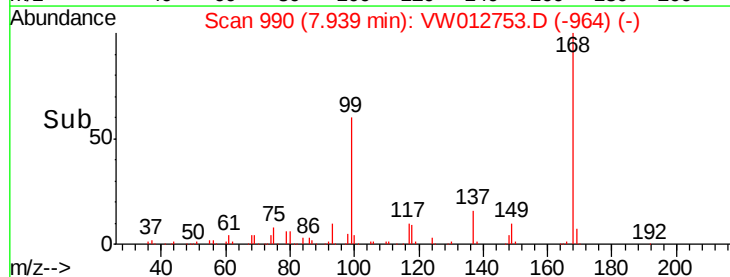
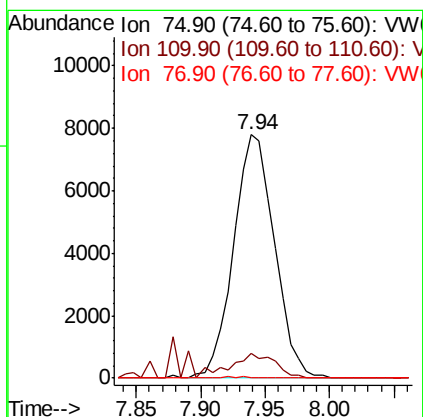
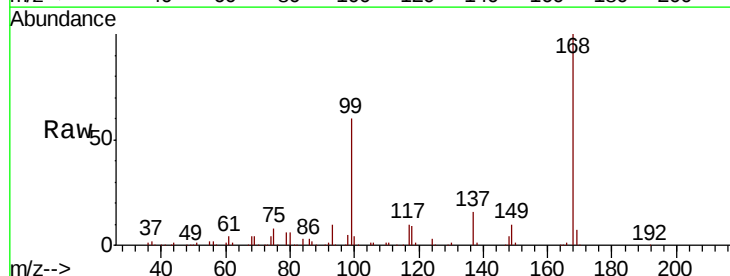
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-22-6.5-7.0

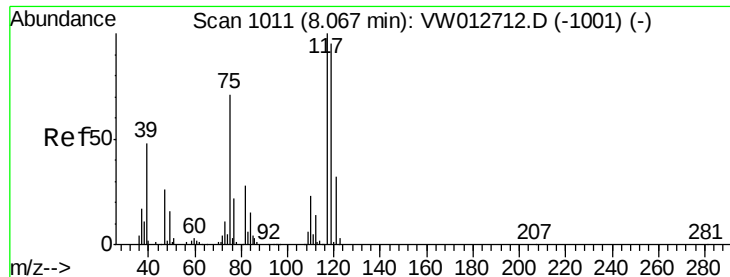
Tgt Ion: 113 Resp: 99454
 Ion Ratio Lower Upper
 113 100
 111 102.4 80.2 120.4
 192 22.2 17.3 25.9



#36
 1,1-Dichloropropene
 Concen: 5.841 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW012753.D
 Acq: 08 Sep 2019 07:33

Tgt Ion: 75 Resp: 17147
 Ion Ratio Lower Upper
 75 100
 110 10.0 15.9 47.7#
 77 0.2 25.0 37.4#

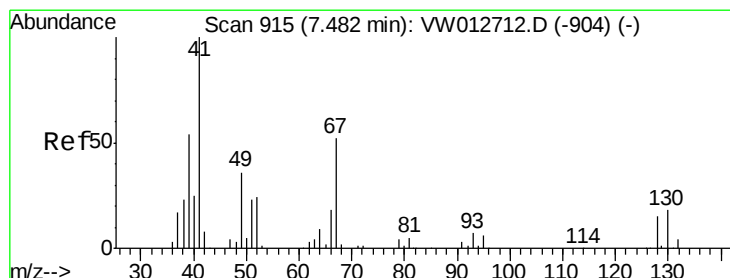
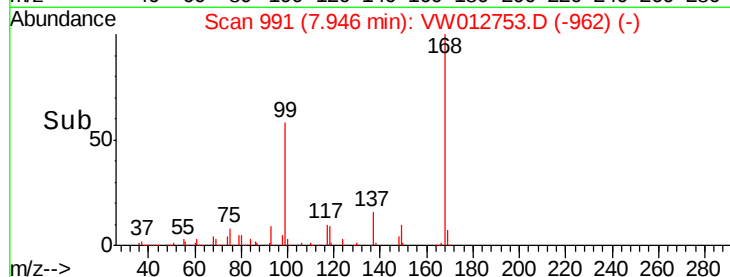
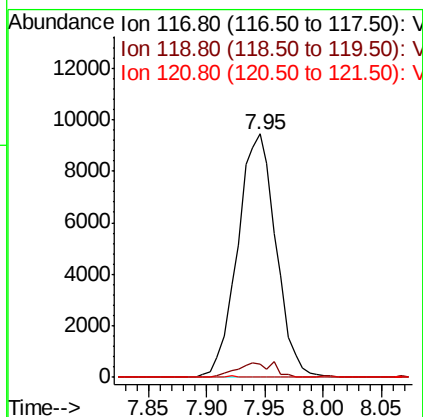
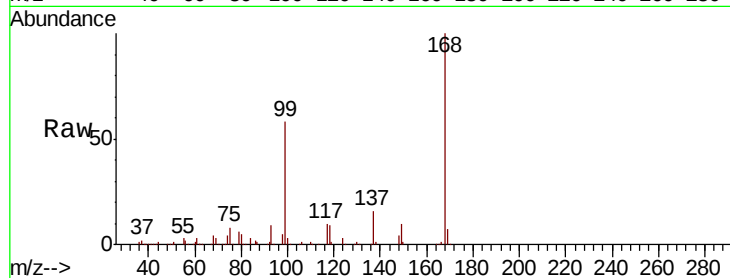




#38
Carbon Tetrachloride
Concen: 7.464 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012753.D
Acq: 08 Sep 2019 07:33

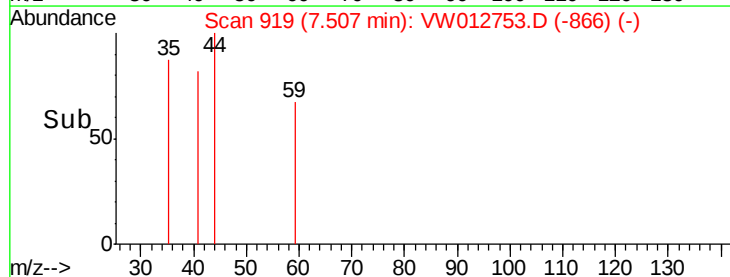
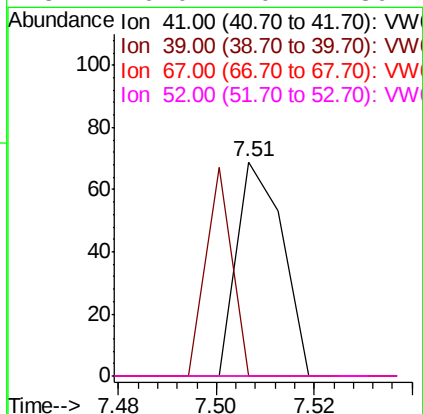
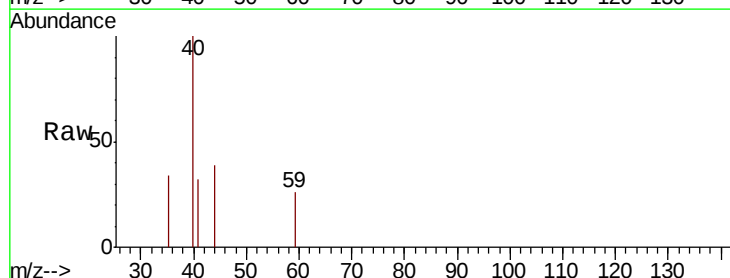
Instrument :
MSVOA_W
ClientSampleId :
SB-22-6.5-7.0

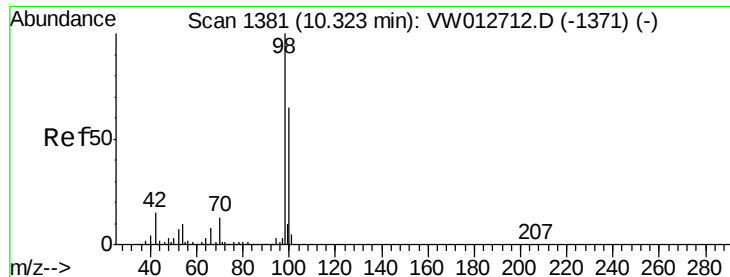
Tgt Ion:117 Resp: 21601
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 25.4 38.2#



#41
Methacrylonitrile
Concen: 3.871 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.02 min
Lab File: VW012753.D
Acq: 08 Sep 2019 07:33

Tgt Ion: 41 Resp: 45
Ion Ratio Lower Upper
41 100
39 55.6 47.5 71.3
67 0.0 45.1 67.7#
52 0.0 20.2 30.2#





#50

Toluene-d8

Concen: 53.347 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012753.D

Acq: 08 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

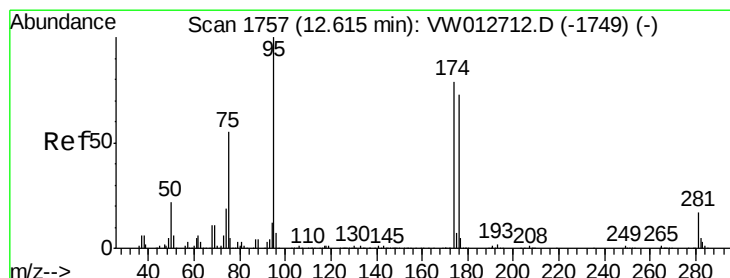
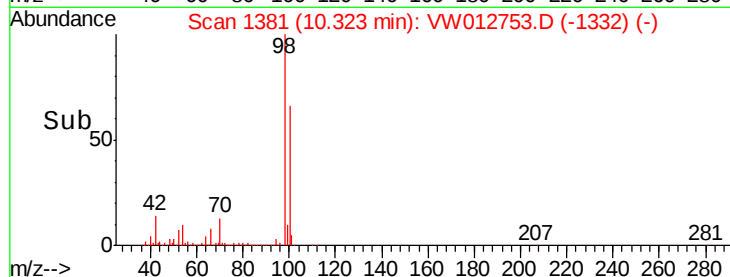
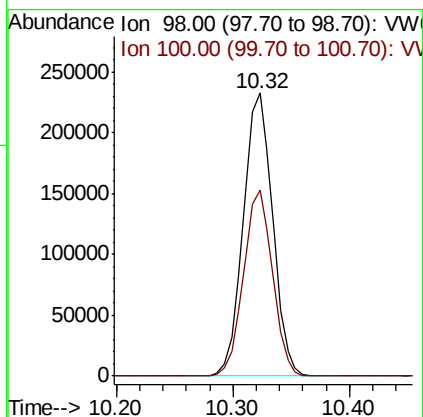
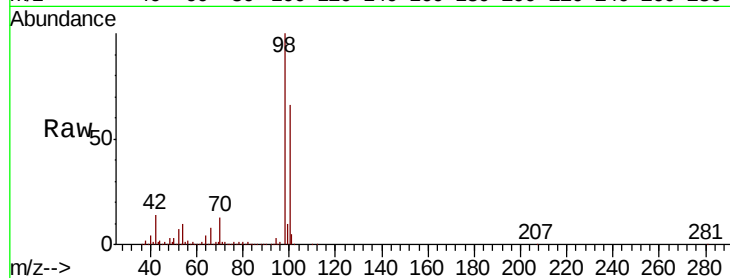
SB-22-6.5-7.0

Tgt Ion: 98 Resp: 410567

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 36.280 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012753.D

Acq: 08 Sep 2019 07:33

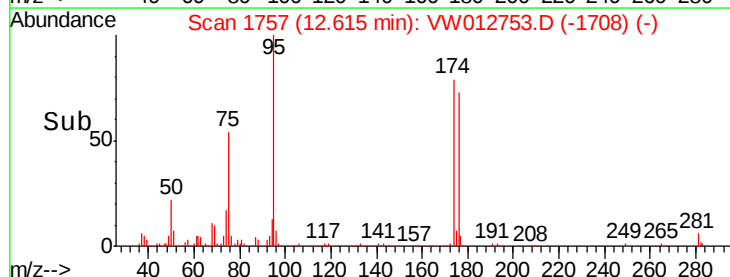
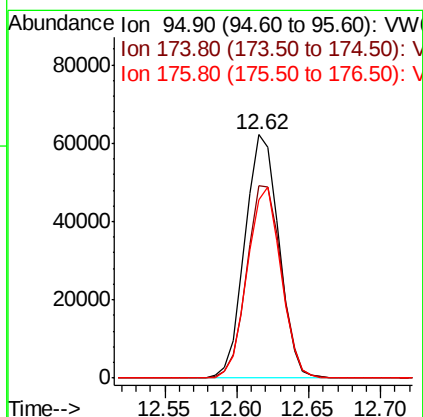
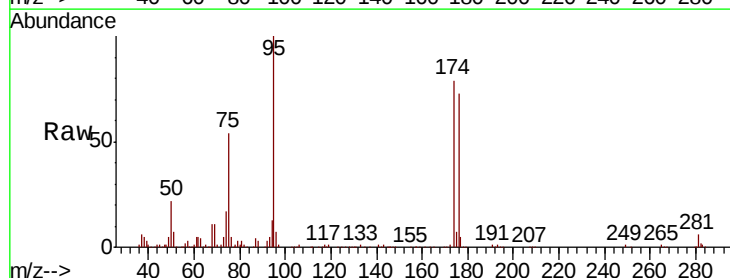
Tgt Ion: 95 Resp: 101364

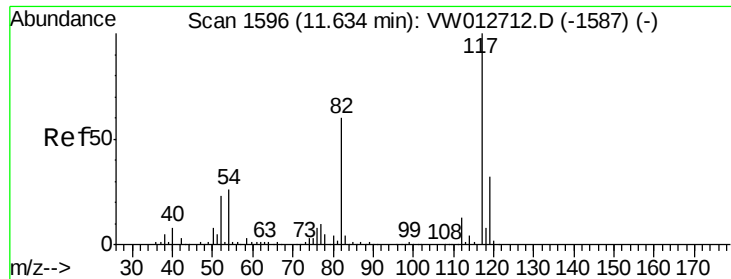
Ion Ratio Lower Upper

95 100

174 80.9 0.0 161.0

176 77.6 0.0 156.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012753.D

Acq: 08 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

SB-22-6.5-7.0

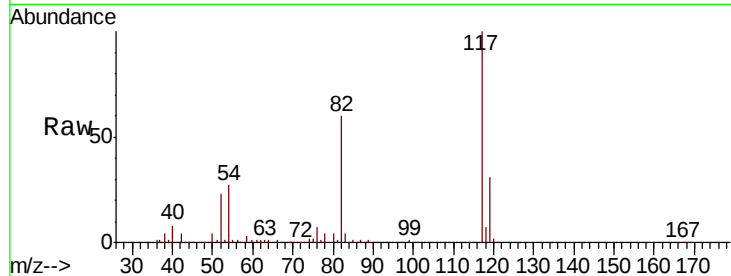
Tgt Ion:117 Resp: 265679

Ion Ratio Lower Upper

117 100

82 59.5 48.2 72.4

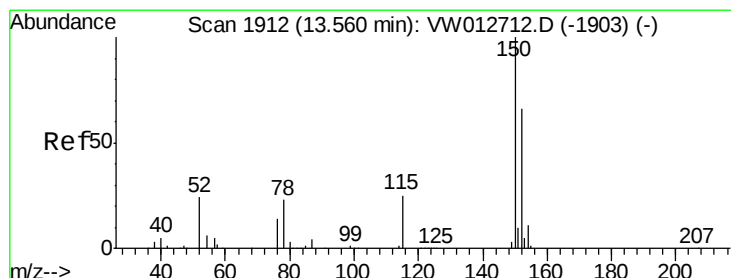
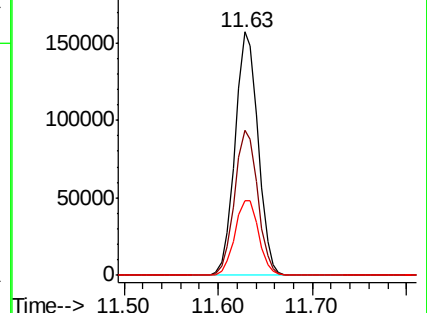
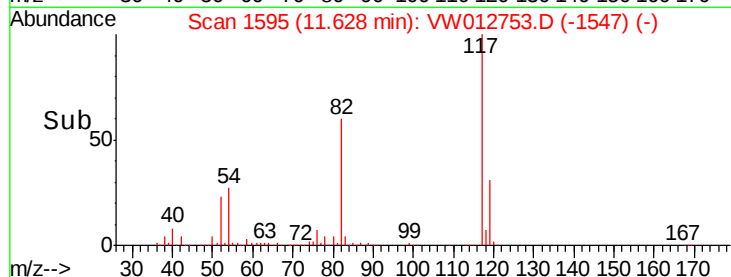
119 30.5 25.8 38.6



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: VW012753.D

Acq: 08 Sep 2019 07:33

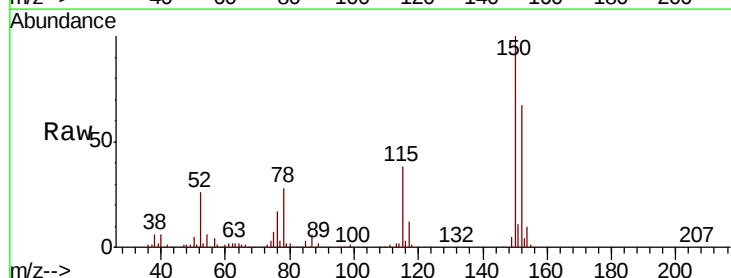
Tgt Ion:152 Resp: 71432

Ion Ratio Lower Upper

152 100

115 58.2 30.0 90.1

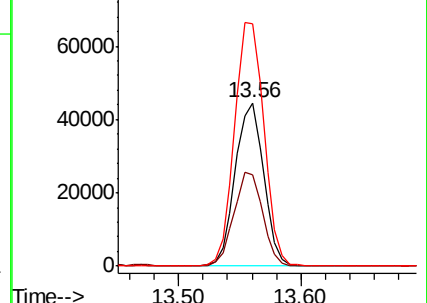
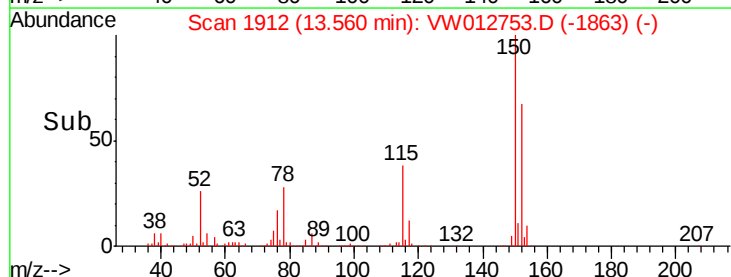
150 154.6 0.0 349.0

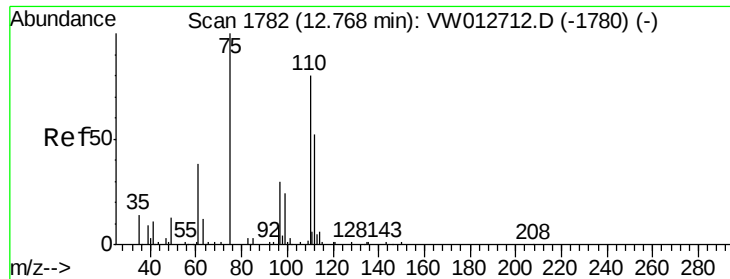


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 74.110 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012753.D

Acq: 08 Sep 2019 07:33

Instrument :

MSVOA_W

ClientSampleId :

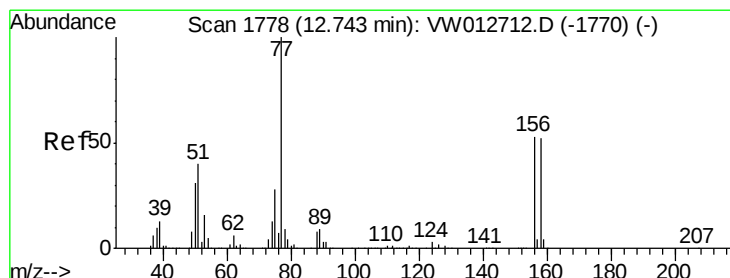
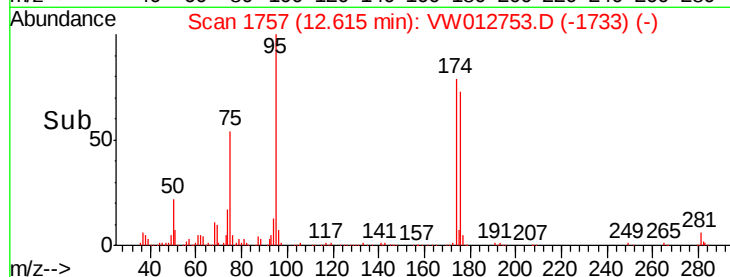
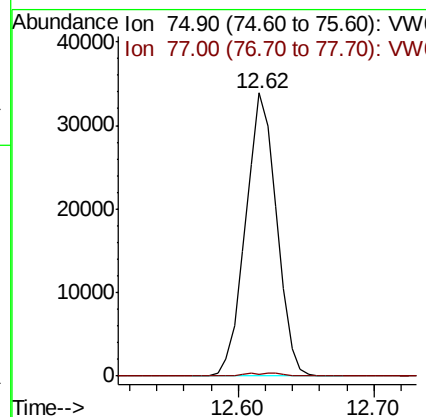
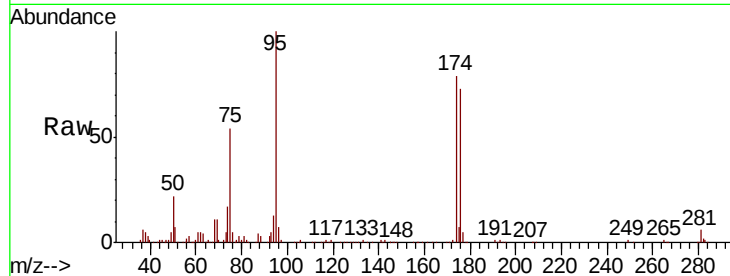
SB-22-6.5-7.0

Tgt Ion: 75 Resp: 54132

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#77

Bromobenzene

Concen: 2.924 ug/l

RT: 12.85 min Scan# 1796

Delta R.T. 0.11 min

Lab File: VW012753.D

Acq: 08 Sep 2019 07:33

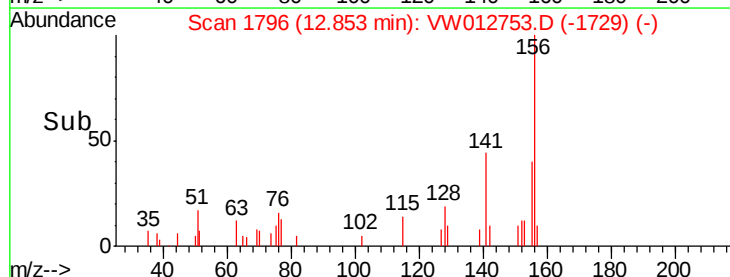
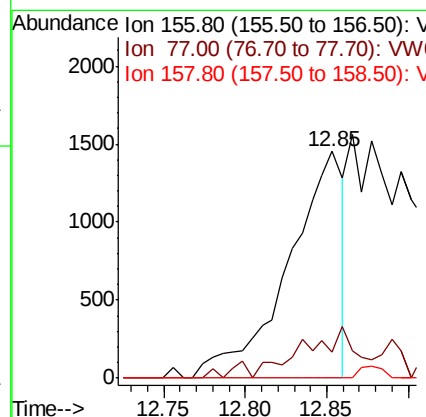
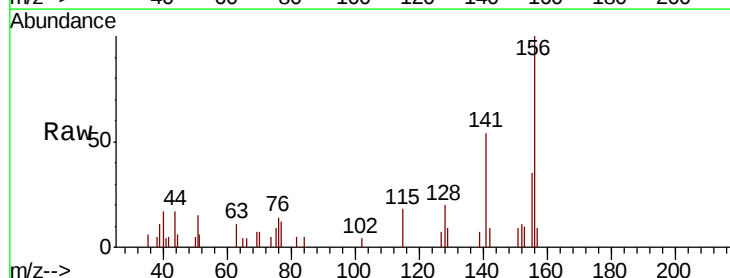
Tgt Ion: 156 Resp: 3394

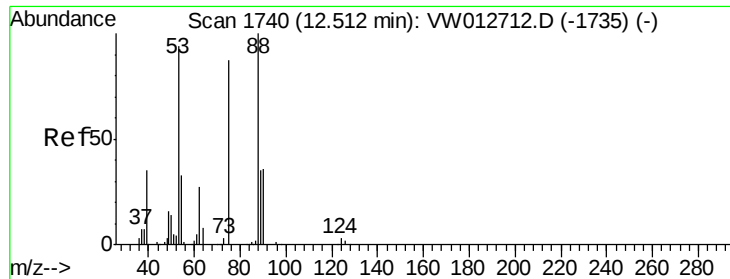
Ion Ratio Lower Upper

156 100

77 9.0 102.3 306.9#

158 0.0 48.9 146.8#

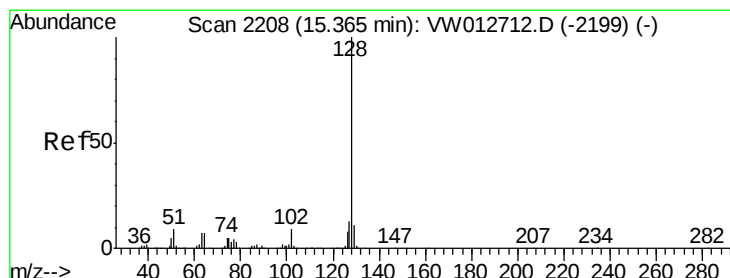
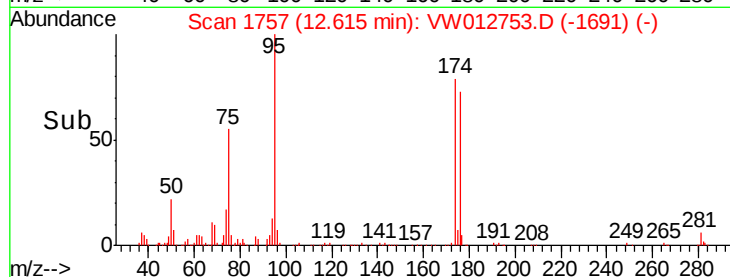
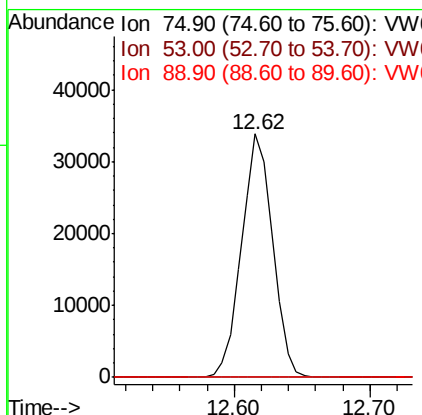
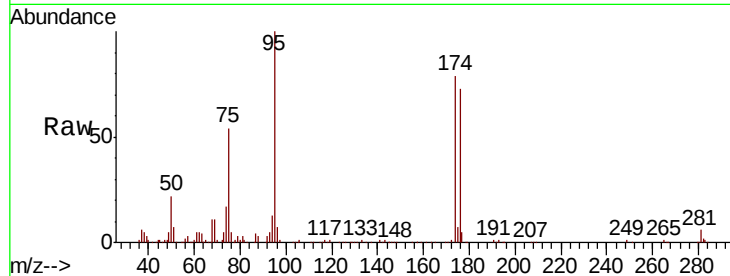




#81
trans-1,4-Dichloro-2-butene
Concen: 156.749 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012753.D
Acq: 08 Sep 2019 07:33

Instrument :
MSVOA_W
ClientSampleId :
SB-22-6.5-7.0

Tgt Ion: 75 Resp: 54132
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 35.5 53.3#



#95
Naphthalene
Concen: 4.629 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW012753.D
Acq: 08 Sep 2019 07:33

Tgt Ion: 128 Resp: 624
Ion Ratio Lower Upper
128 100
127 6.4 10.7 16.1#
129 0.0 8.7 13.1#

