

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011054.D
 Acq On : 28 Jun 2019 12:06
 Operator : SY/VA
 Sample : K3552-02RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-1A

Quant Time: Jun 29 01:49:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	115344	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	113521	44.94	ug/l	0.00
Spiked Amount			Recovery	=	89.88%	
35) Dibromofluoromethane	7.88	113	96013	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	10.32	98	402918	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.62	95	130003	43.10	ug/l	0.00
Spiked Amount			Recovery	=	86.20%	

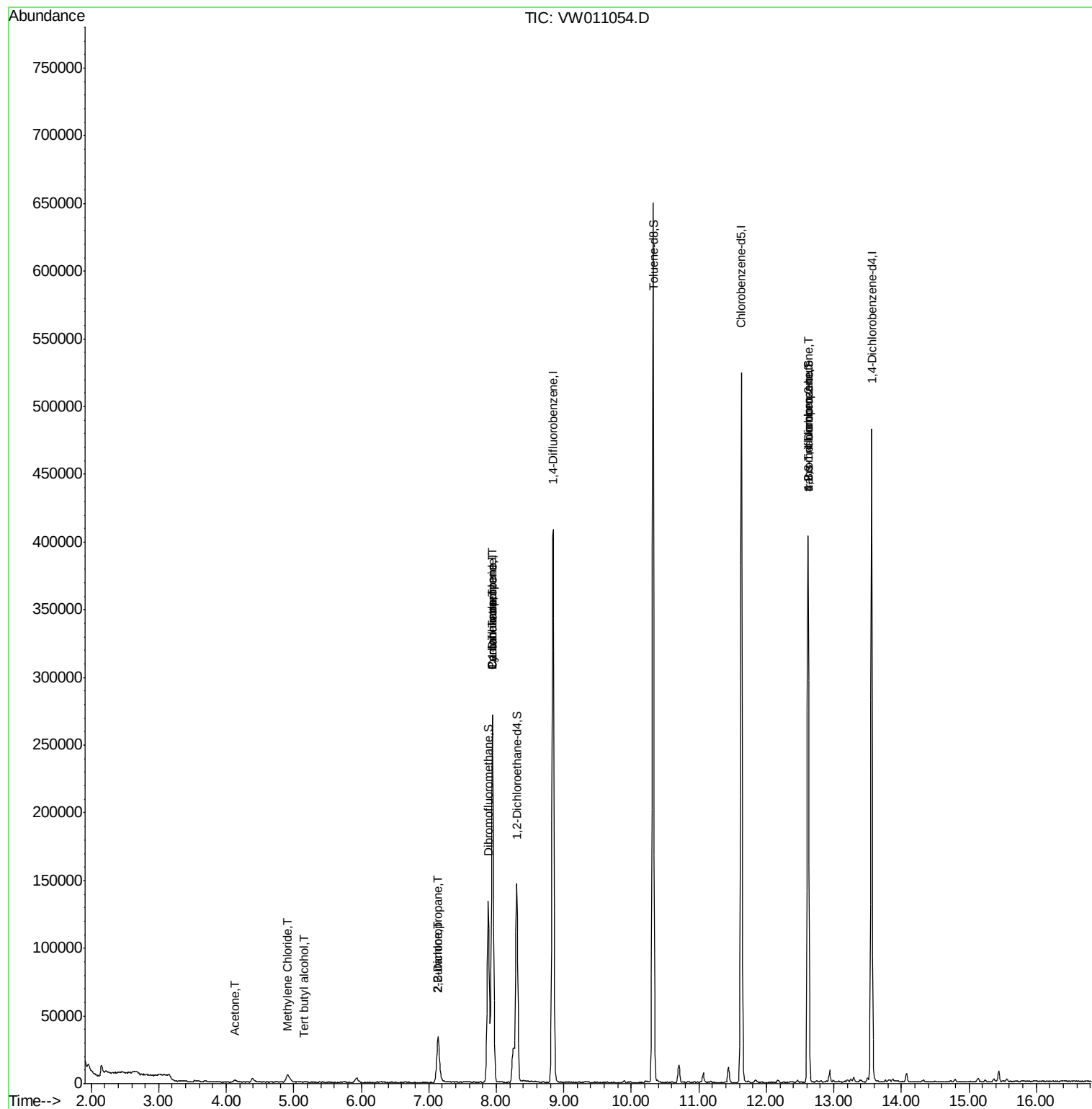
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	464	2.529	ug/l #	71
16) Acetone	4.13	43	3500	5.677	ug/l	98
20) Methylene Chloride	4.90	84	4579	1.828	ug/l #	68
25) 2-Butanone	7.15	43	2669	2.848	ug/l #	82
26) 2,2-Dichloropropane	7.13	77	2462	1.060	ug/l #	54
31) Cyclohexane	7.94	56	5171	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	17739	5.030	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20015	6.891	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	71710	58.888	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71710	119.120	ug/l #	3

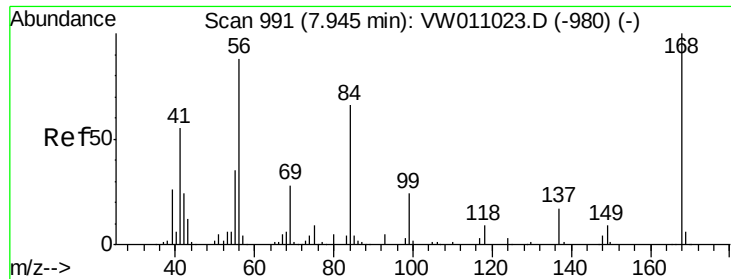
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
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QLast Update : Fri Jun 28 01:55:46 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: VW011054.D

Acq: 28 Jun 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

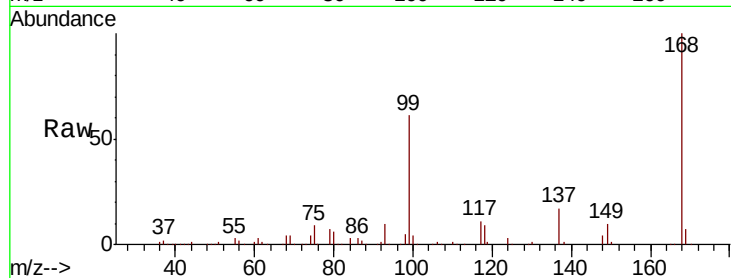
M-1A

Tot Ion:168 Resp: 193225

Ion Ratio Lower Upper

168 100

99 60.9 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

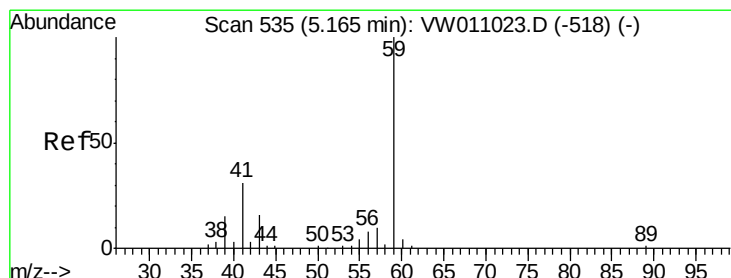
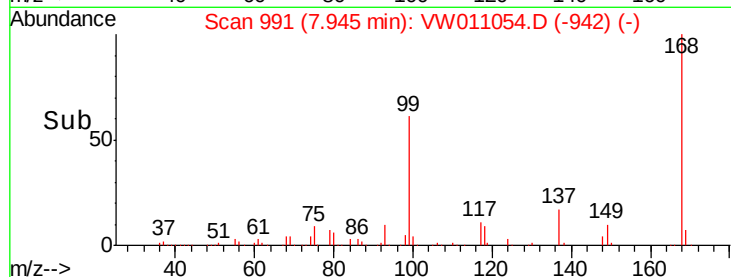
40000

20000

0

Time-->

7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 2.529 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW011054.D

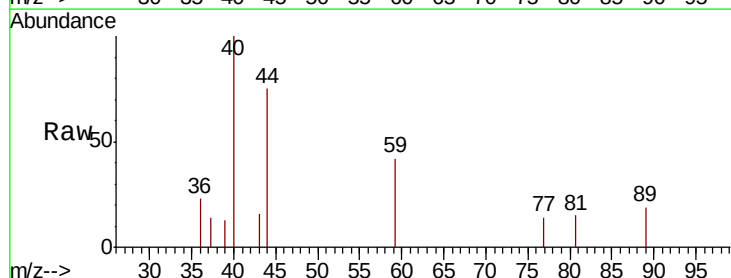
Acq: 28 Jun 2019 12:06

Tgt Ion: 59 Resp: 464

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

200

150

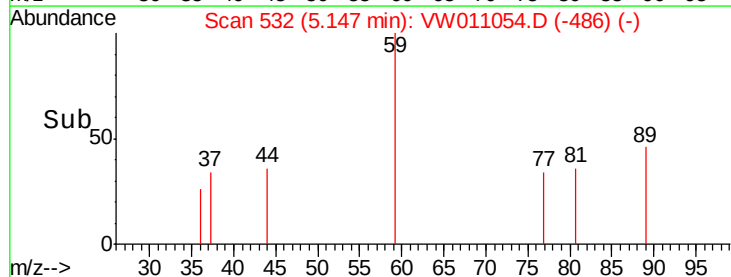
100

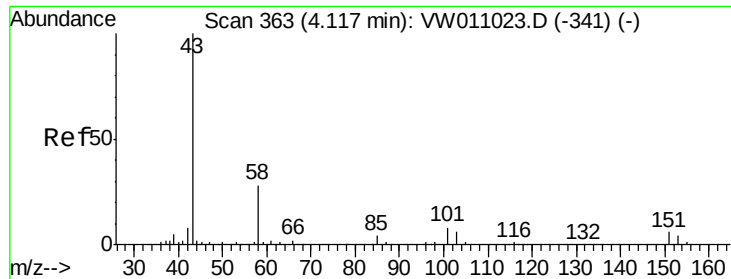
50

0

Time-->

5.15 5.20





#16

Acetone

Concen: 5.677 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011054.D

Acq: 28 Jun 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

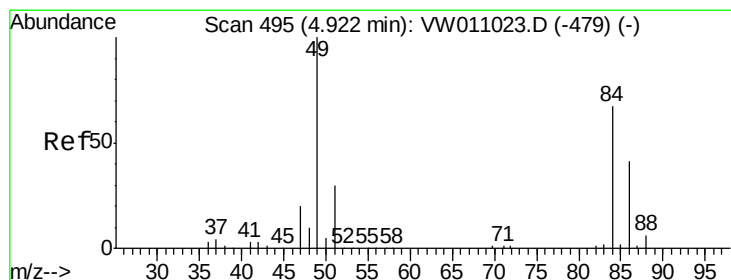
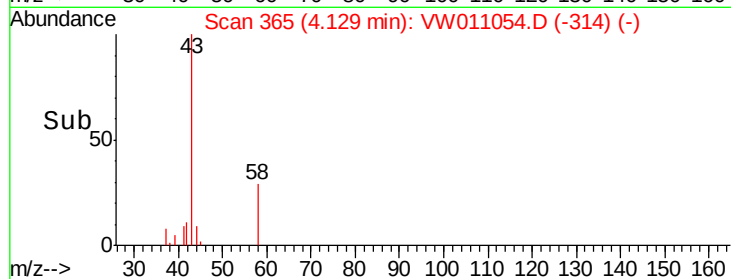
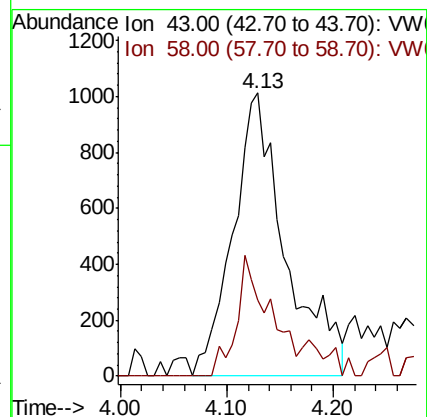
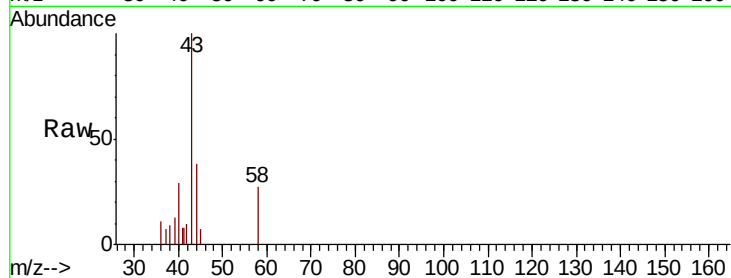
M-1A

Tot Ion: 43 Resp: 3500

Ion Ratio Lower Upper

43 100

58 26.9 22.5 33.7



#20

Methylene Chloride

Concen: 1.828 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW011054.D

Acq: 28 Jun 2019 12:06

Tgt Ion: 84 Resp: 4579

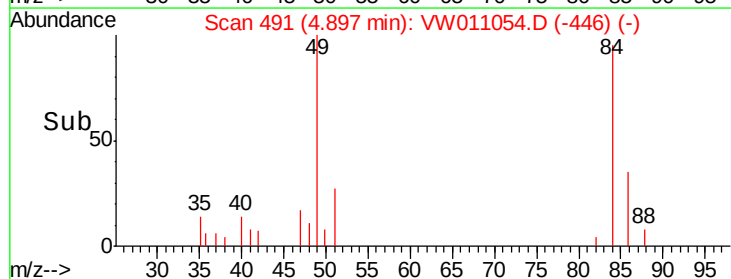
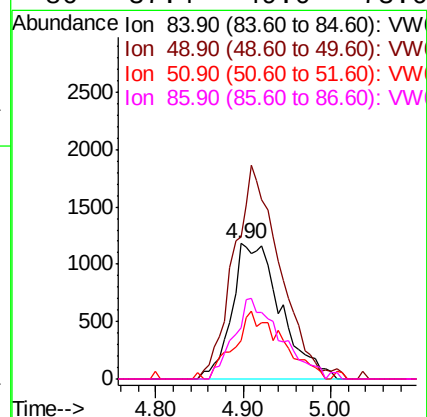
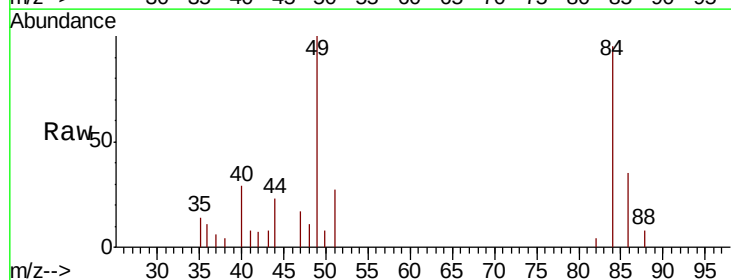
Ion Ratio Lower Upper

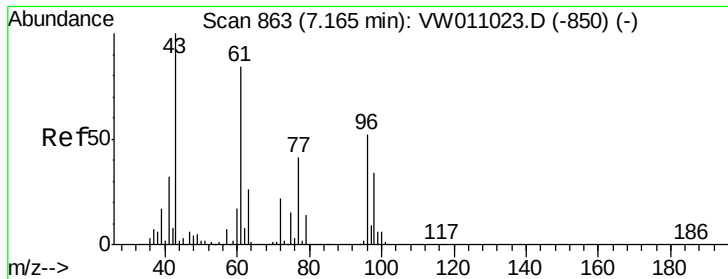
84 100

49 105.4 119.6 179.4#

51 28.8 35.6 53.4#

86 37.4 49.0 73.6#





#25

2-Butanone

Concen: 2.848 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW011054.D

Acq: 28 Jun 2019 12:06

Instrument :

MSVOA_W

ClientSampled :

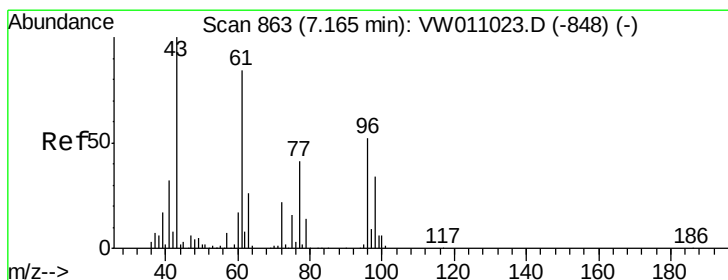
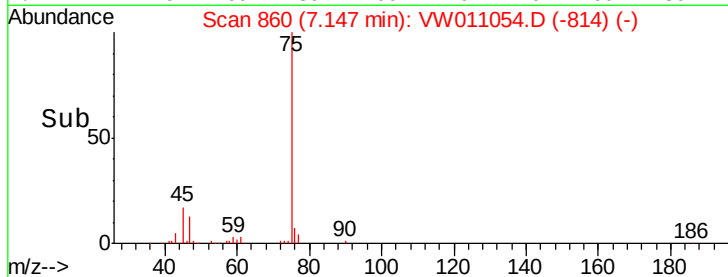
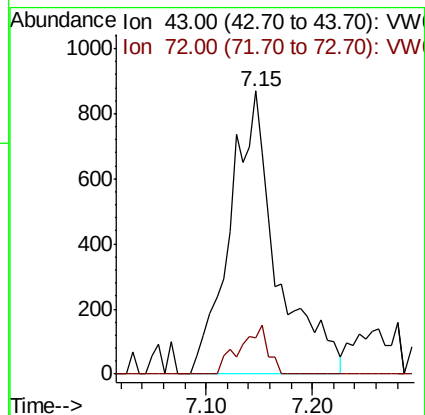
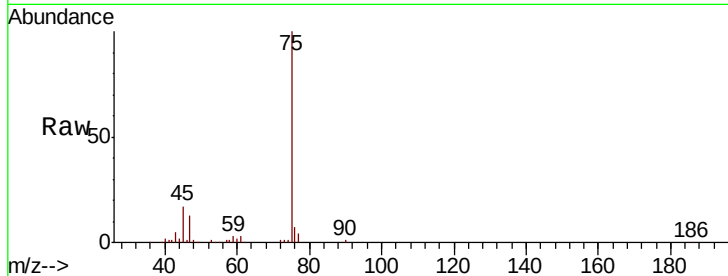
M-1A

Tot Ion: 43 Resp: 2669

Ion Ratio Lower Upper

43 100

72 12.9 17.2 25.8#



#26

2,2-Dichloropropane

Concen: 1.060 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011054.D

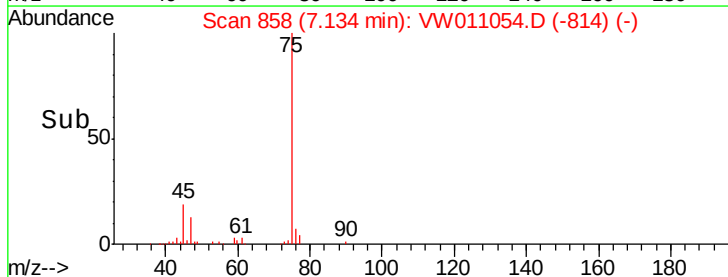
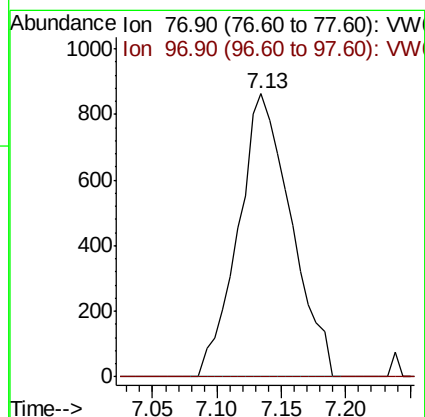
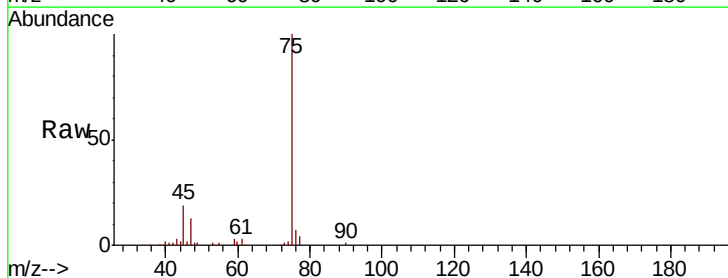
Acq: 28 Jun 2019 12:06

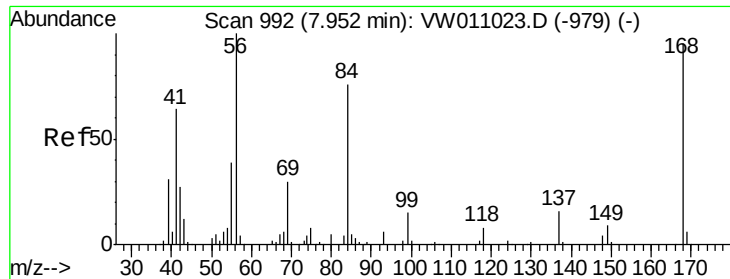
Tgt Ion: 77 Resp: 2462

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.7#

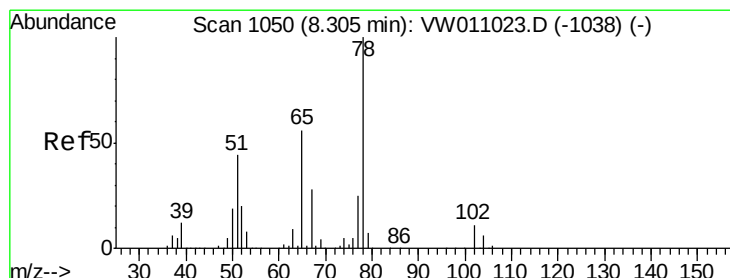
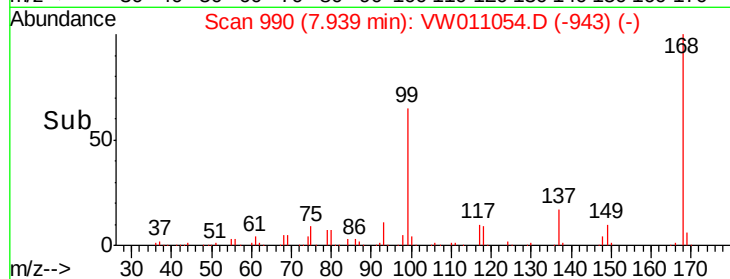
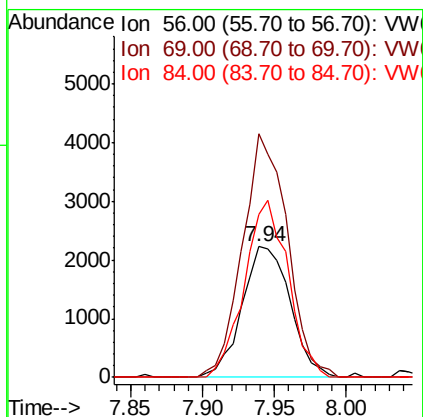
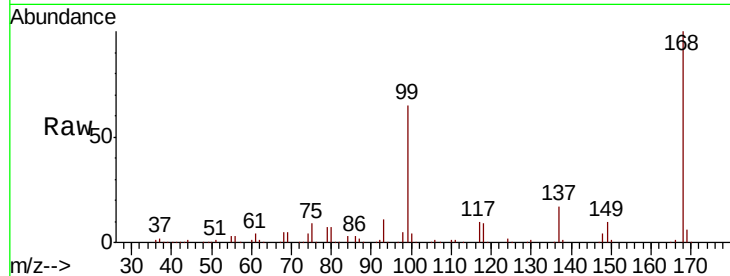




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

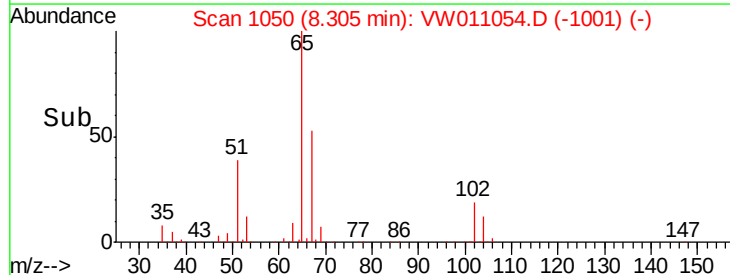
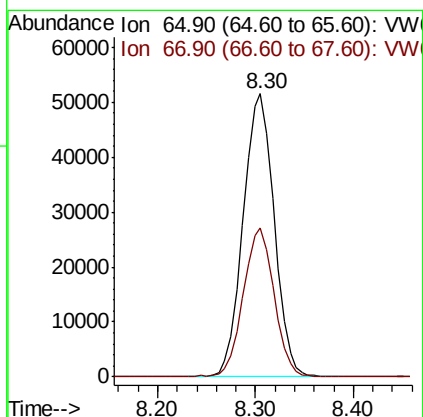
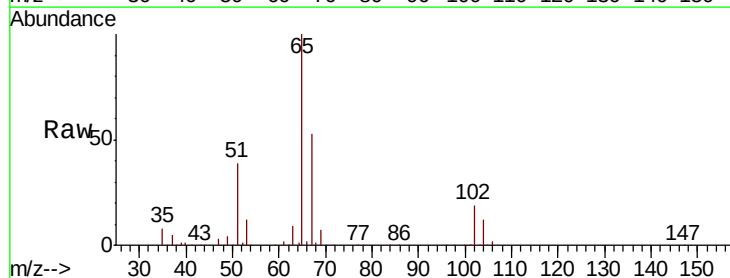
Instrument :
MSVOA_W
ClientSampled :
M-1A

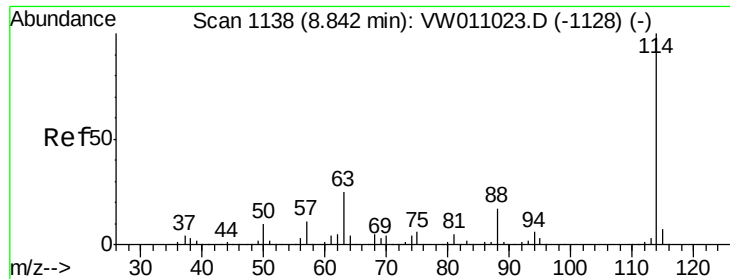
Tot Ion: 56 Resp: 5171
Ion Ratio Lower Upper
56 100
69 186.4 24.2 36.2#
84 124.5 60.6 90.8#



#33
1,2-Dichloroethane-d4
Concen: 44.942 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

Tgt Ion: 65 Resp: 113521
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.4

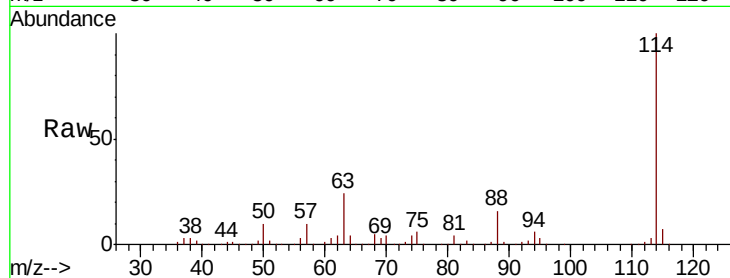




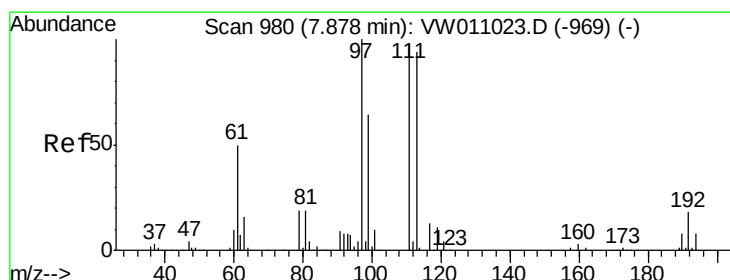
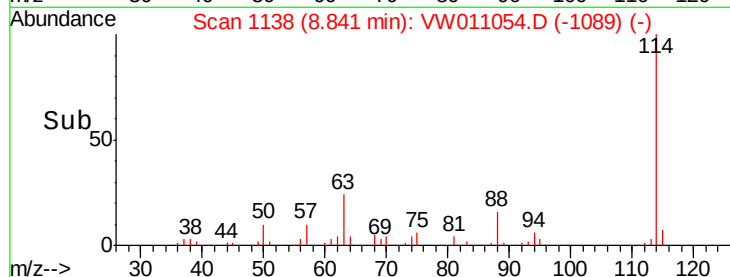
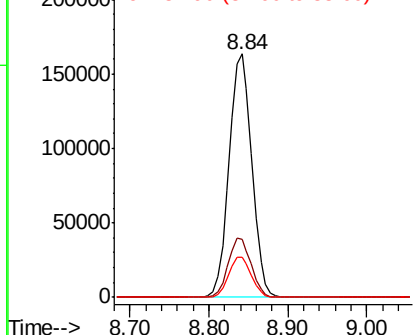
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
M-1A

Tot Ion:114 Resp: 328121
Ion Ratio Lower Upper
114 100
63 24.0 0.0 50.6
88 16.5 0.0 34.0

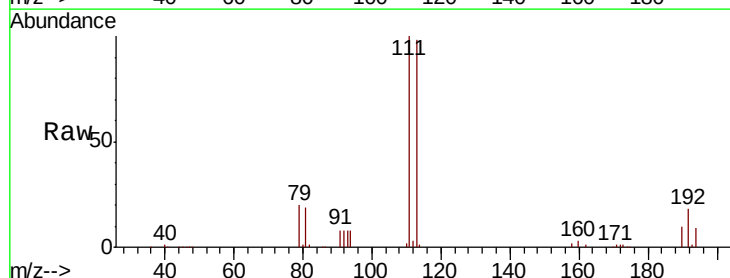


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

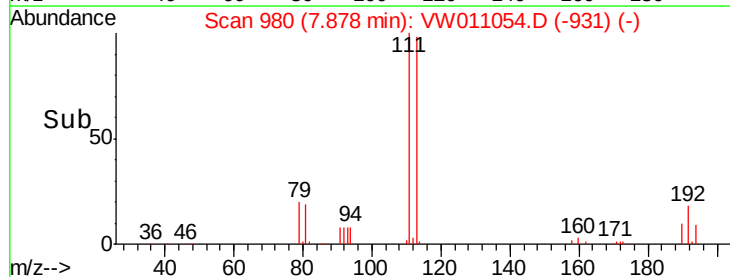
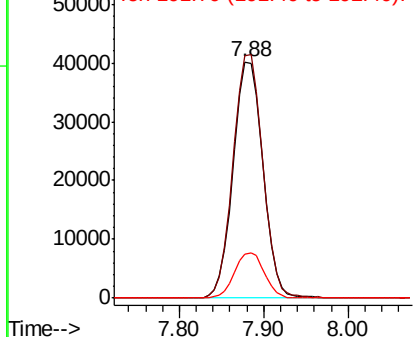


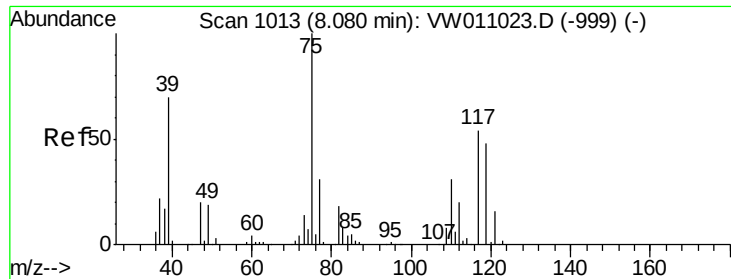
#35
Dibromofluoromethane
Concen: 47.919 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

Tgt Ion:113 Resp: 96013
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 19.1 16.0 24.0



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

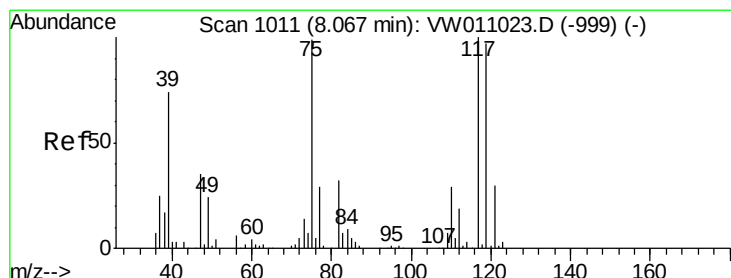
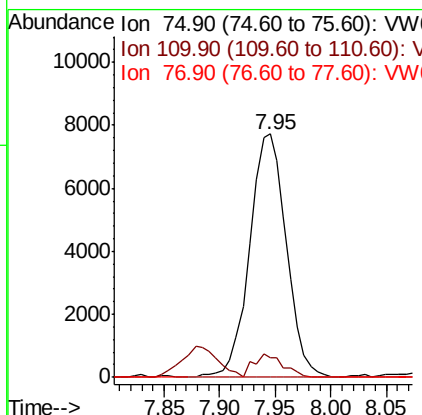
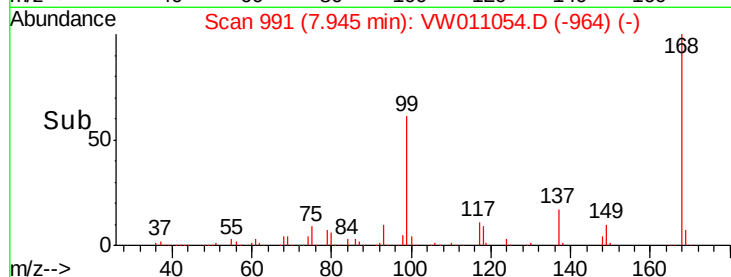
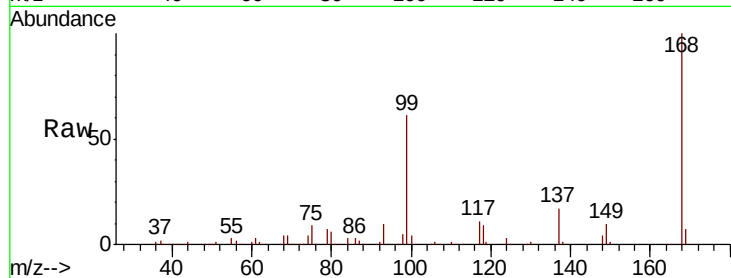




#36
 1,1-Dichloropropene
 Concen: 5.030 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011054.D
 Acq: 28 Jun 2019 12:06

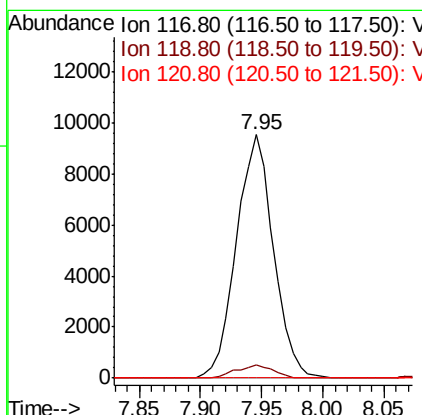
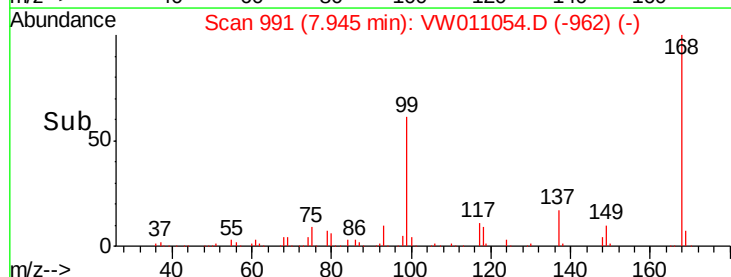
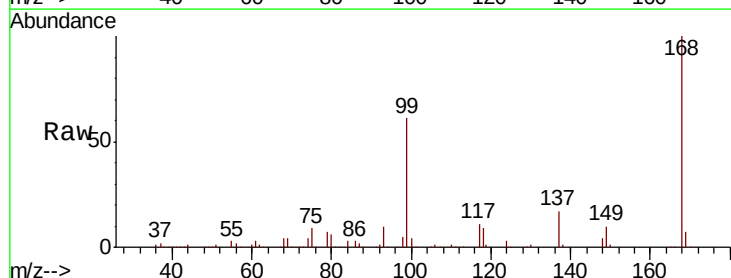
Instrument :
 MSVOA_W
 ClientSampled :
 M-1A

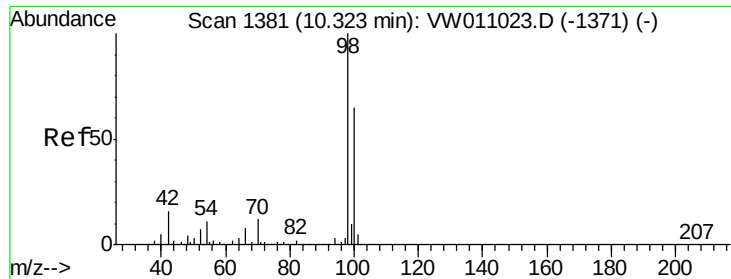
Tot Ion: 75 Resp: 17739
 Ion Ratio Lower Upper
 75 100
 110 7.8 15.5 46.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.891 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011054.D
 Acq: 28 Jun 2019 12:06

Tgt Ion: 117 Resp: 20015
 Ion Ratio Lower Upper
 117 100
 119 5.2 77.7 116.5#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 48.853 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011054.D

Acq: 28 Jun 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

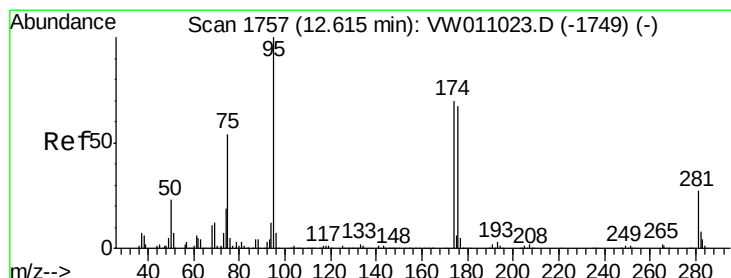
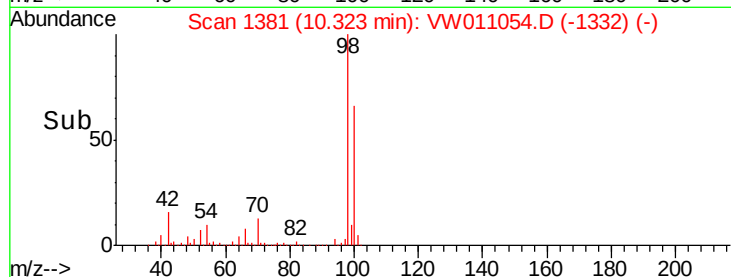
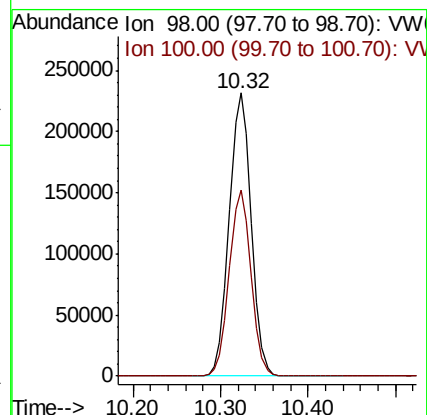
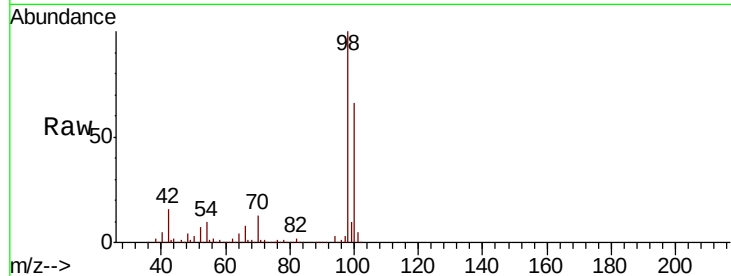
M-1A

Tot Ion: 98 Resp: 402918

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.097 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011054.D

Acq: 28 Jun 2019 12:06

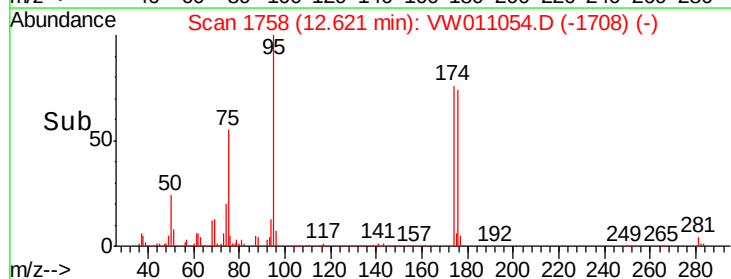
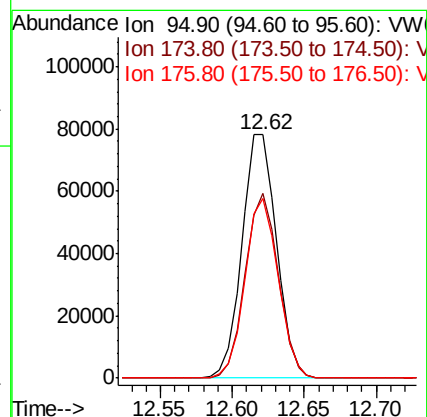
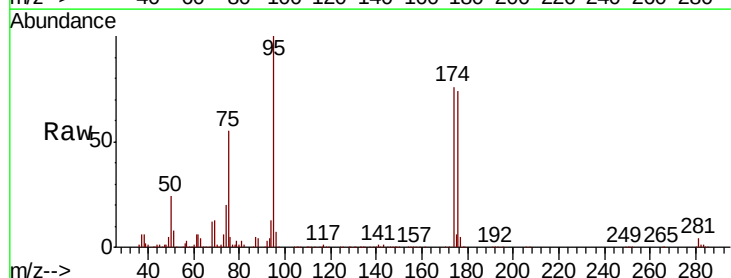
Tgt Ion: 95 Resp: 130003

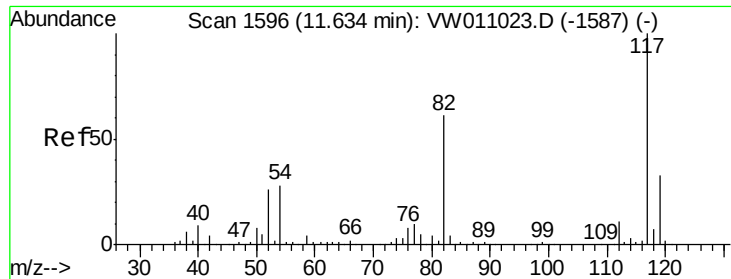
Ion Ratio Lower Upper

95 100

174 72.8 0.0 149.2

176 71.2 0.0 143.6

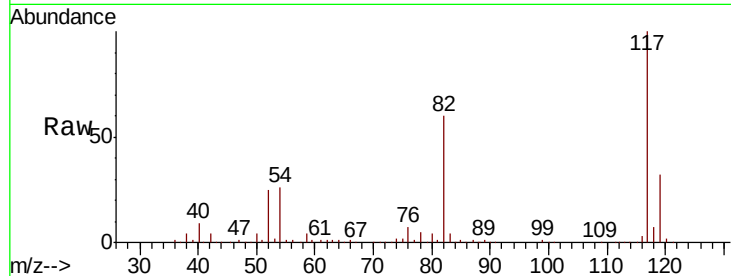




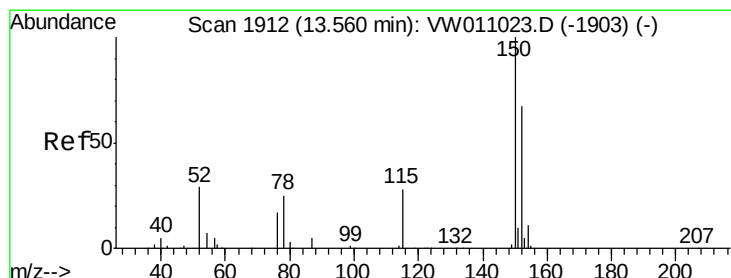
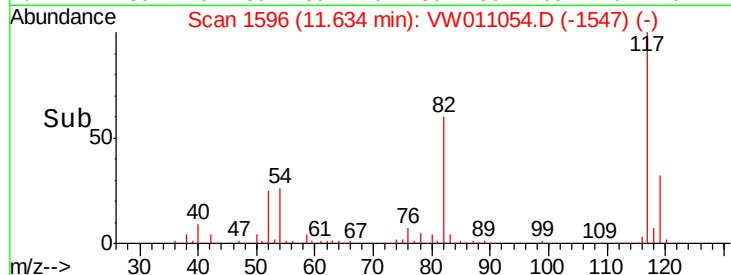
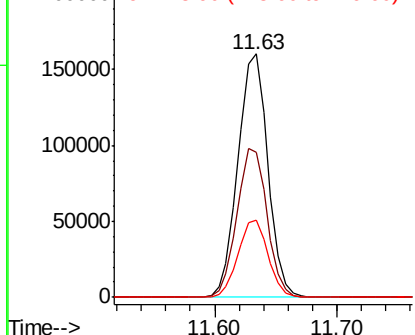
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

Instrument :
MSVOA_W
ClientSampled :
M-1A

Tot Ion:117 Resp: 271322
Ion Ratio Lower Upper
117 100
82 59.6 48.6 73.0
119 31.7 26.1 39.1

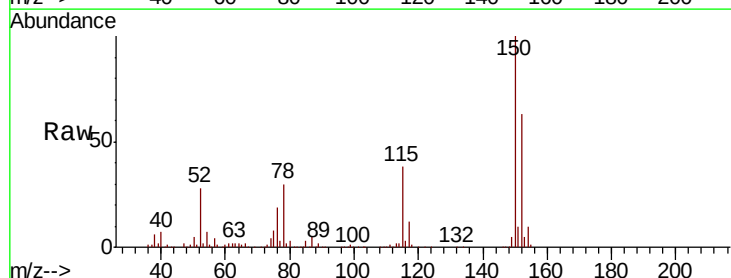


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

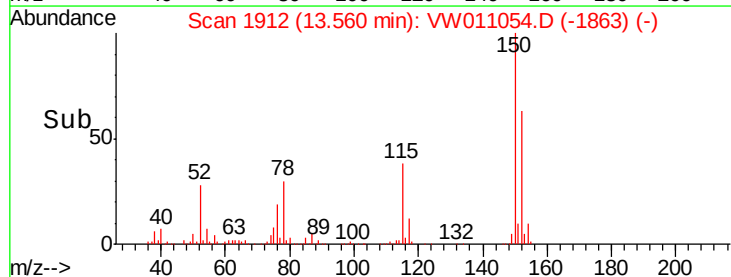
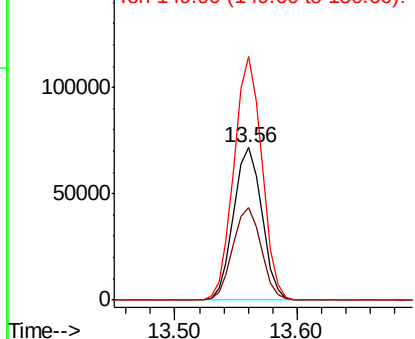


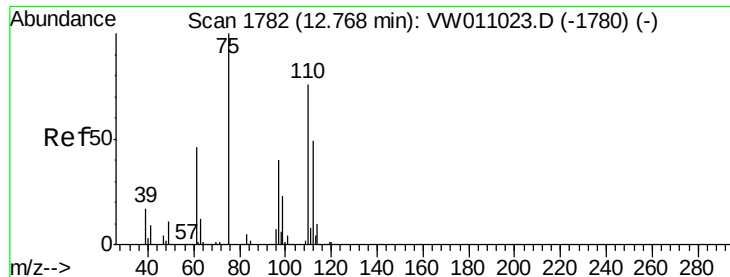
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011054.D
Acq: 28 Jun 2019 12:06

Tgt Ion:152 Resp: 115344
Ion Ratio Lower Upper
152 100
115 60.5 30.7 92.1
150 157.0 0.0 341.8



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: 58.888 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011054.D

Acq: 28 Jun 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

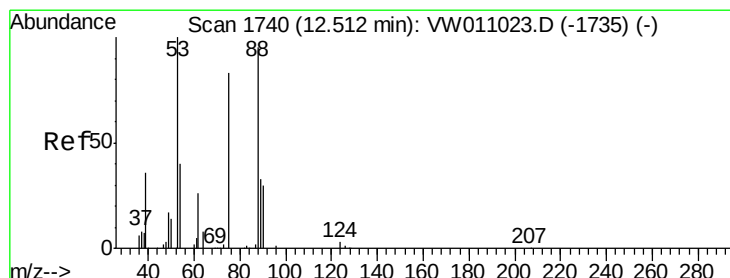
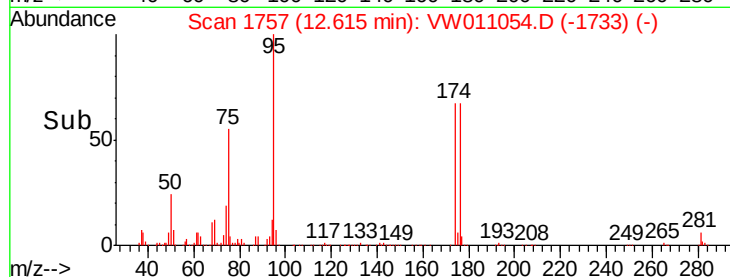
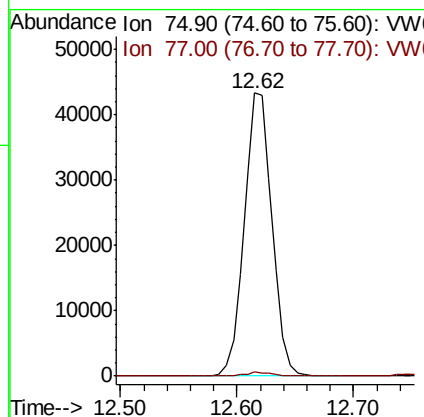
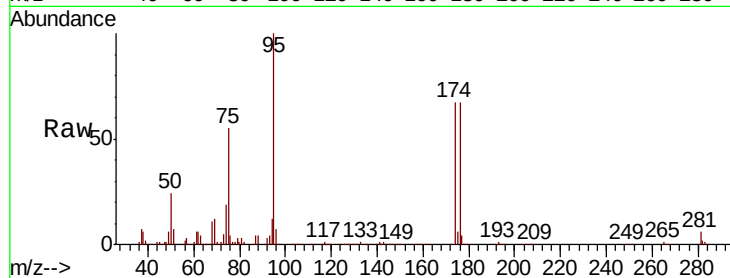
M-1A

Tot Ion: 75 Resp: 71710

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.120 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011054.D

Acq: 28 Jun 2019 12:06

Tgt Ion: 75 Resp: 71710

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.1 34.4 51.6#

