

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011057.D
 Acq On : 28 Jun 2019 13:25
 Operator : SY/VA
 Sample : K3552-10RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-5A

Quant Time: Jun 29 01:49:52 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	191853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116586	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	123470	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
35) Dibromofluoromethane	7.88	113	97331	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
50) Toluene-d8	10.32	98	409514	49.67	ug/l	0.00
Spiked Amount			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.62	95	131946	43.75	ug/l	0.00
Spiked Amount			Recovery	=	87.50%	

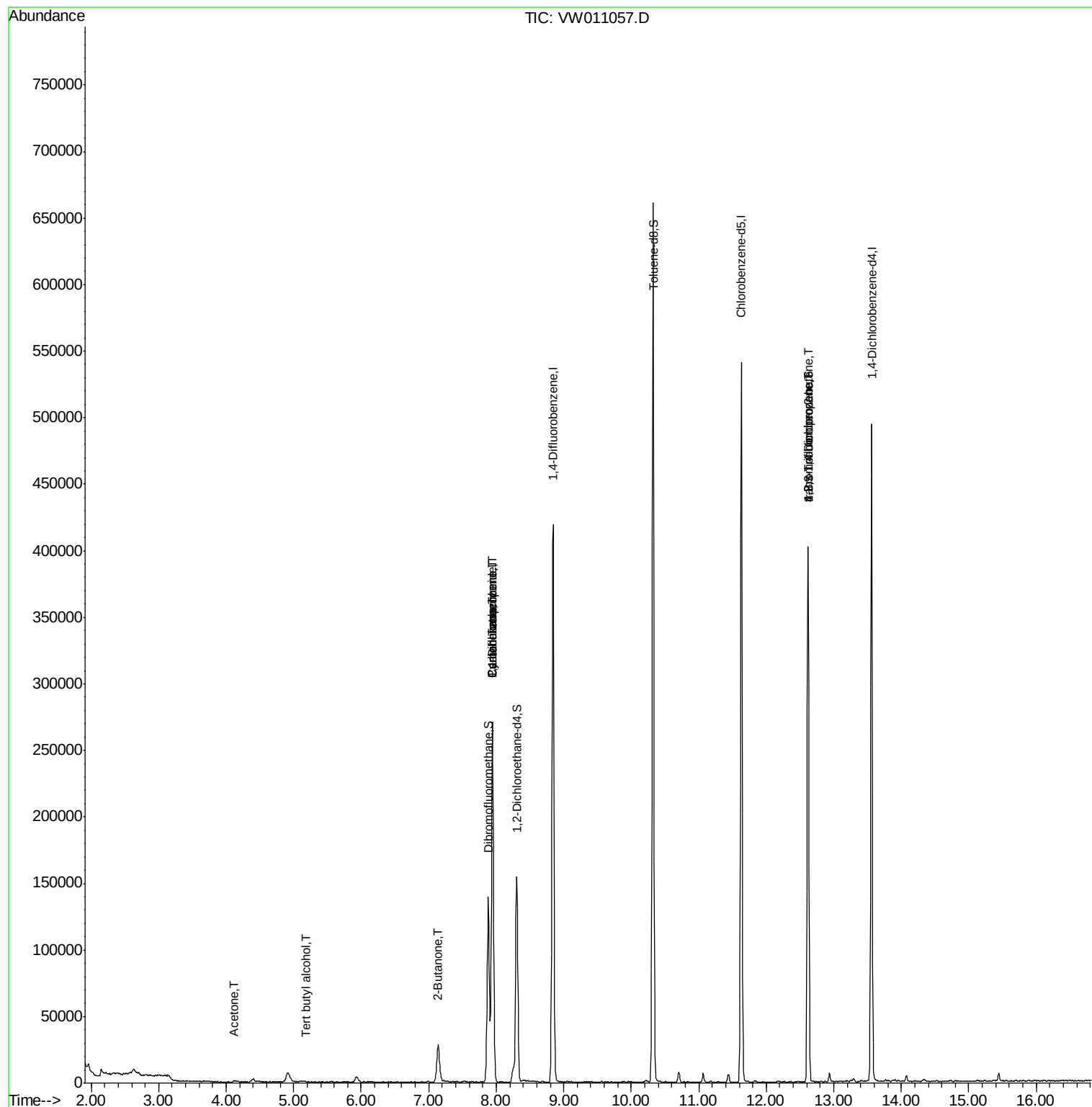
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	263	1.444	ug/l #	71
16) Acetone	4.12	43	1688	2.757	ug/l #	76
25) 2-Butanone	7.15	43	1979	2.127	ug/l	95
31) Cyclohexane	7.94	56	5377	1.121	ug/l #	14
36) 1,1-Dichloropropene	7.94	75	17723	5.027	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19582	6.744	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	72428	58.844	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	72428	119.034	ug/l #	3

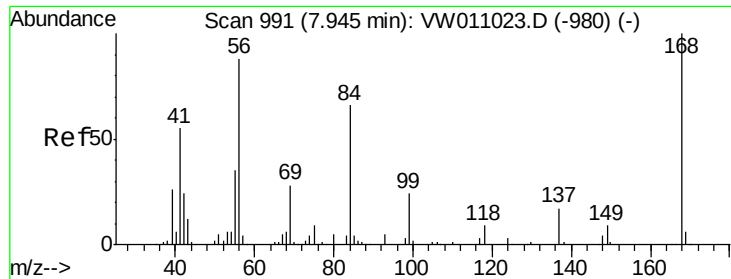
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
Data File : VW011057.D
Acq On : 28 Jun 2019 13:25
Operator : SY/VA
Sample : K3552-10RE
Misc : 5.08G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
M-5A

Quant Time: Jun 29 01:49:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
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: VW011057.D

Acq: 28 Jun 2019 13:25

Instrument :

MSVOA_W

ClientSampleId :

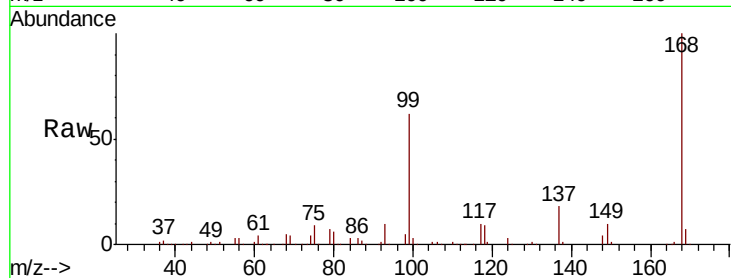
M-5A

Tot Ion:168 Resp: 191853

Ion Ratio Lower Upper

168 100

99 62.4 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

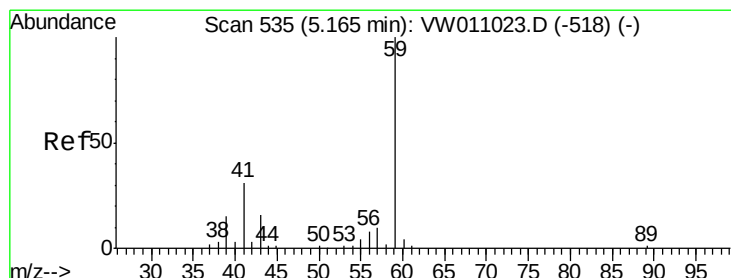
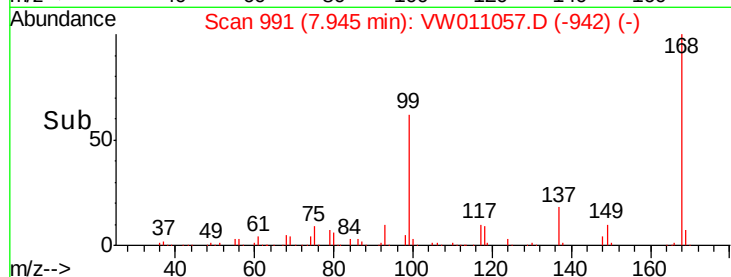
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 1.444 ug/l

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW011057.D

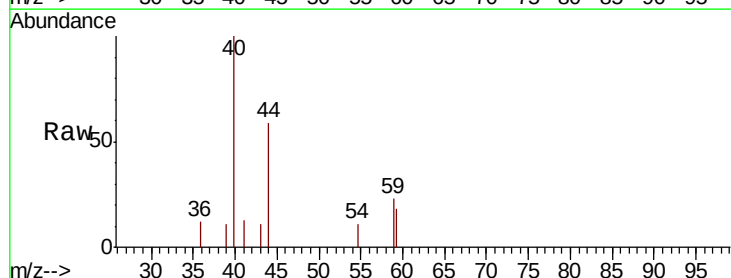
Acq: 28 Jun 2019 13:25

Tgt Ion: 59 Resp: 263

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

5.18

250

200

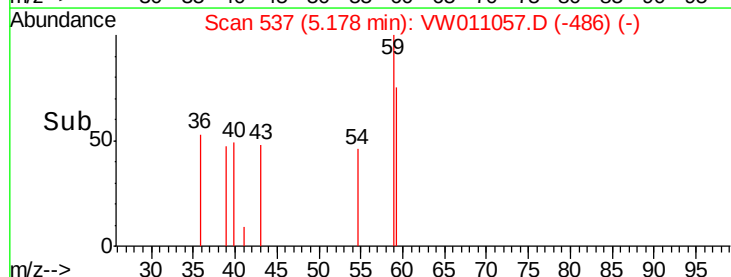
150

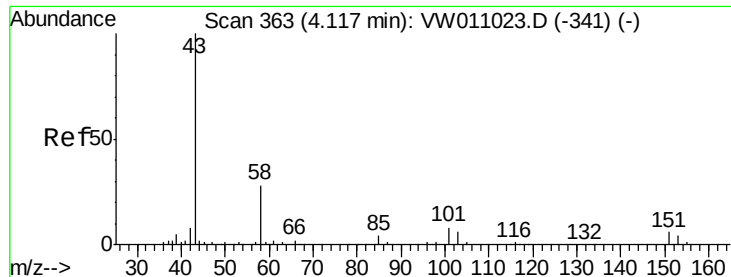
100

50

0

Time--> 5.14 5.16 5.18 5.20 5.22





#16

Acetone

Concen: 2.757 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011057.D

Acq: 28 Jun 2019 13:25

Instrument :

MSVOA_W

ClientSampleId :

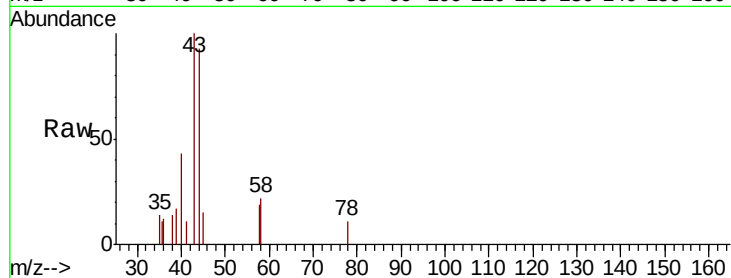
M-5A

Tot Ion: 43 Resp: 1688

Ion Ratio Lower Upper

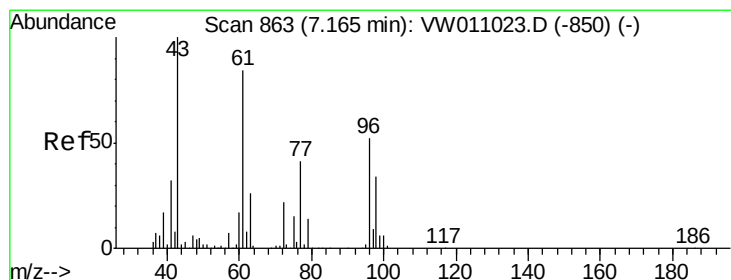
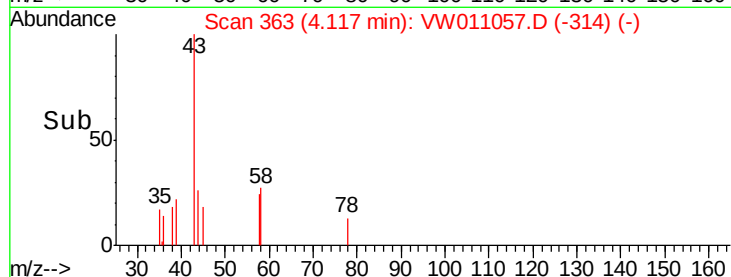
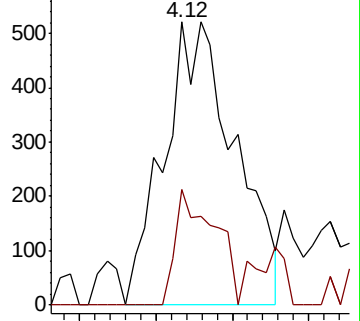
43 100

58 40.9 22.5 33.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 2.127 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW011057.D

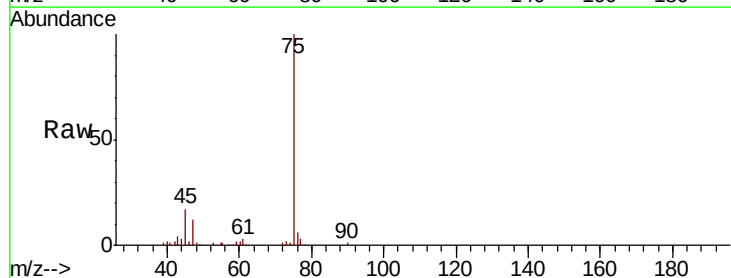
Acq: 28 Jun 2019 13:25

Tgt Ion: 43 Resp: 1979

Ion Ratio Lower Upper

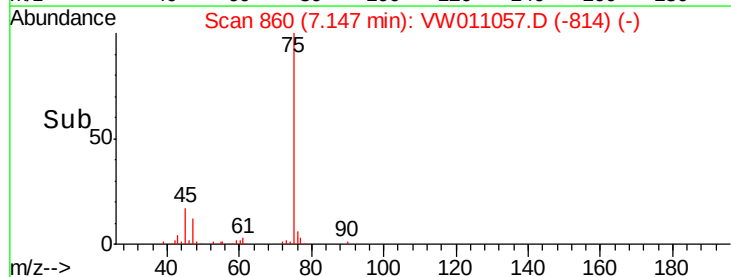
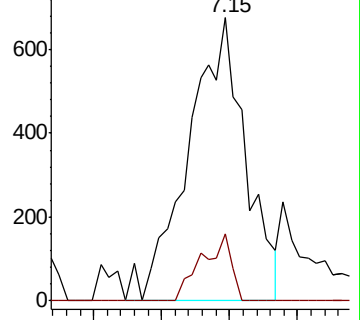
43 100

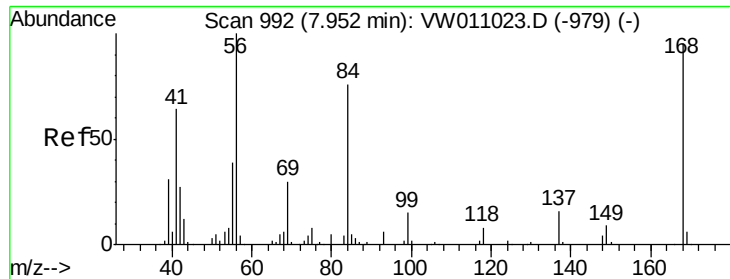
72 23.7 17.2 25.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

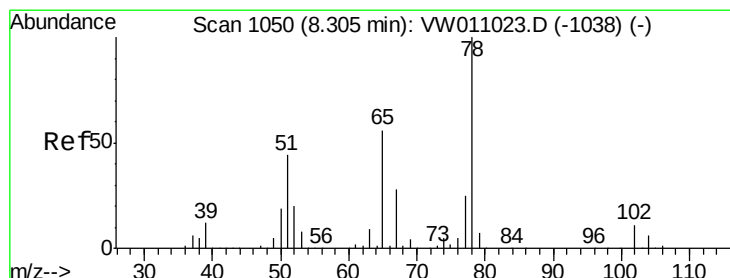
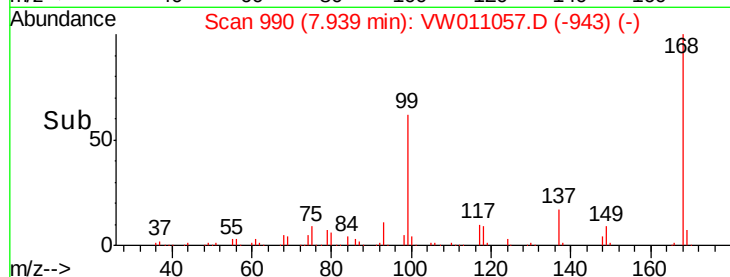
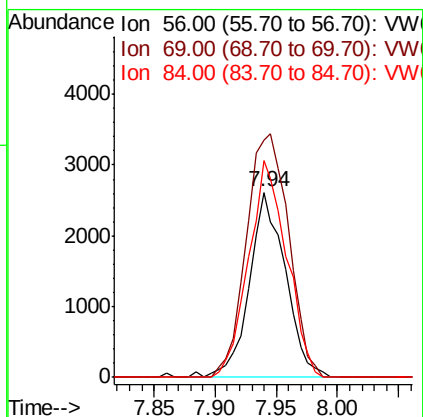
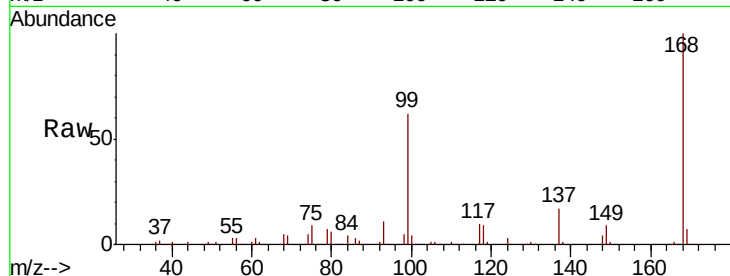




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011057.D
Acq: 28 Jun 2019 13:25

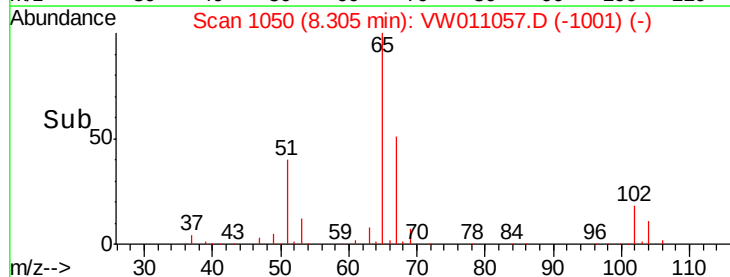
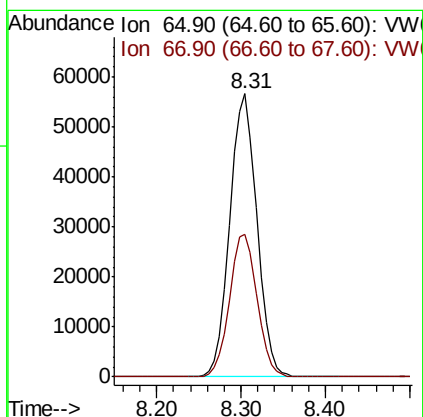
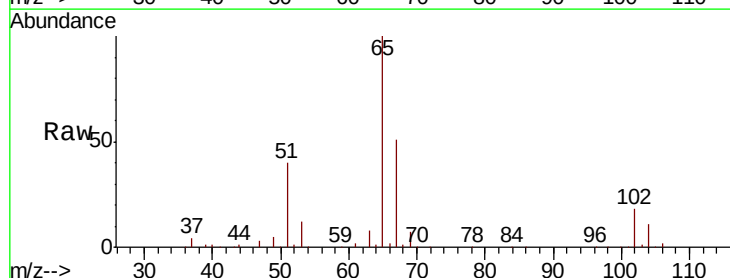
Instrument :
MSVOA_W
ClientSampleId :
M-5A

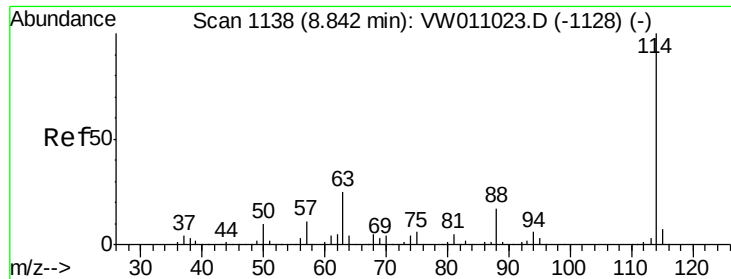
Tot Ion: 56 Resp: 5377
Ion Ratio Lower Upper
56 100
69 128.3 24.2 36.2#
84 117.5 60.6 90.8#



#33
1,2-Dichloroethane-d4
Concen: 49.230 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011057.D
Acq: 28 Jun 2019 13:25

Tgt Ion: 65 Resp: 123470
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4

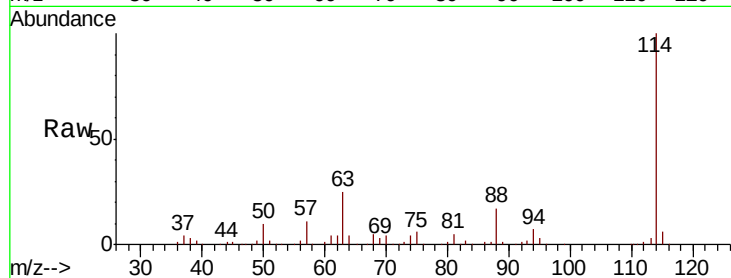




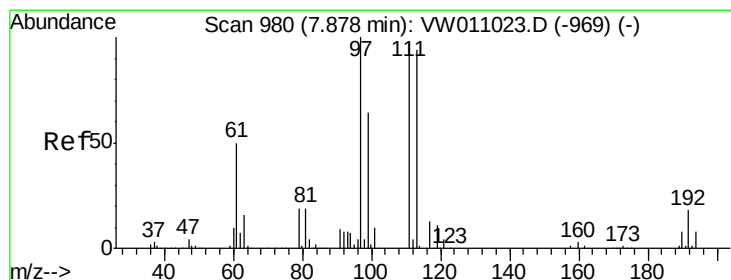
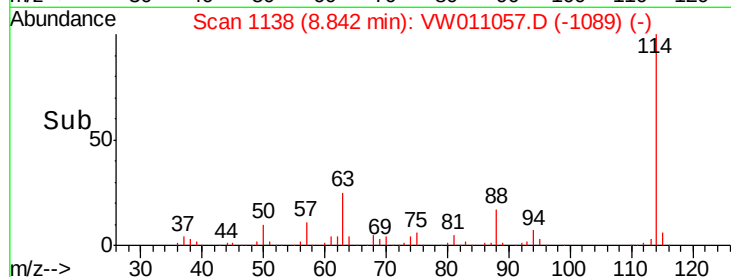
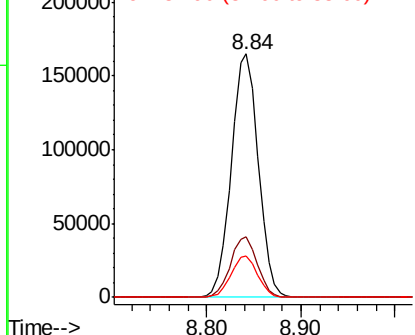
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011057.D
Acq: 28 Jun 2019 13:25

Instrument :
MSVOA_W
ClientSampled :
M-5A

Tot Ion:114 Resp: 328035
Ion Ratio Lower Upper
114 100
63 24.9 0.0 50.6
88 16.9 0.0 34.0

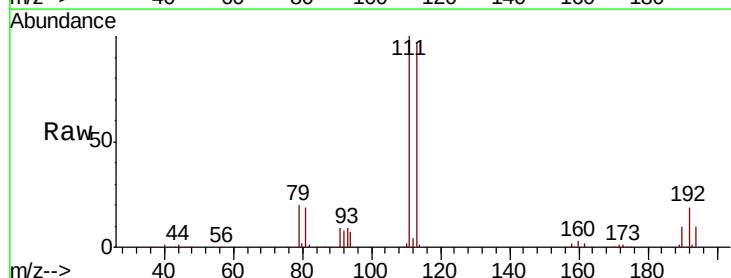


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

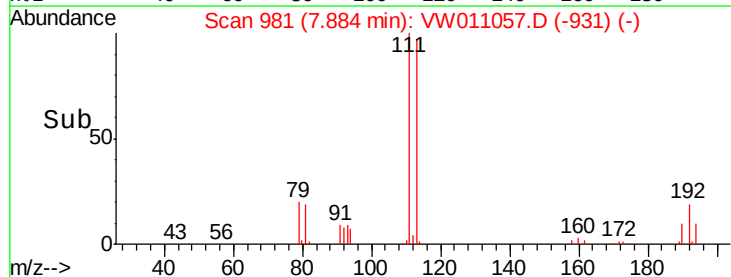
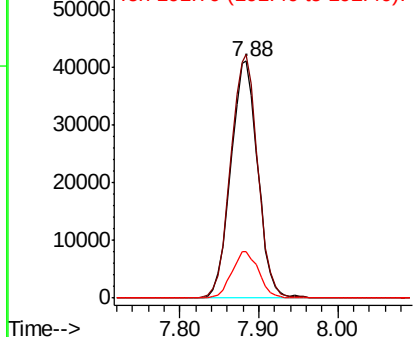


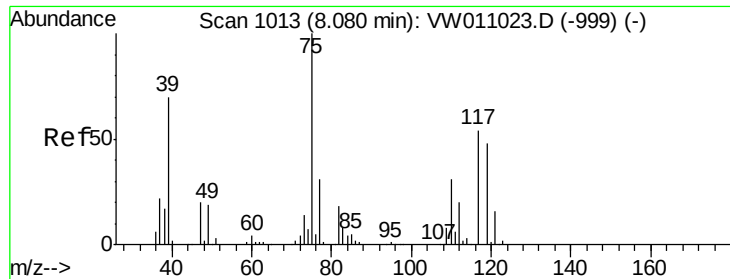
#35
Dibromofluoromethane
Concen: 48.590 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW011057.D
Acq: 28 Jun 2019 13:25

Tgt Ion:113 Resp: 97331
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 19.6 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

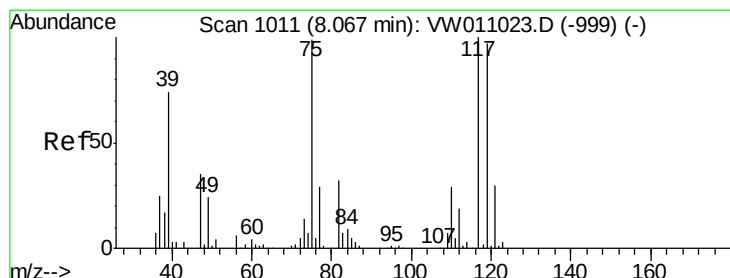
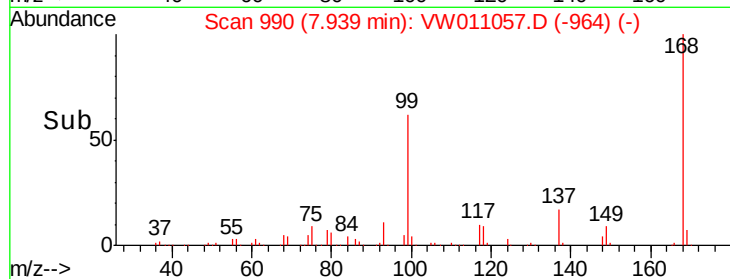
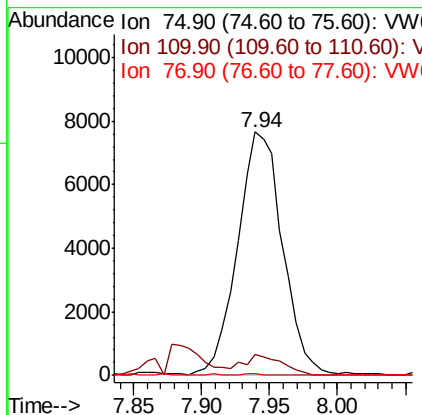
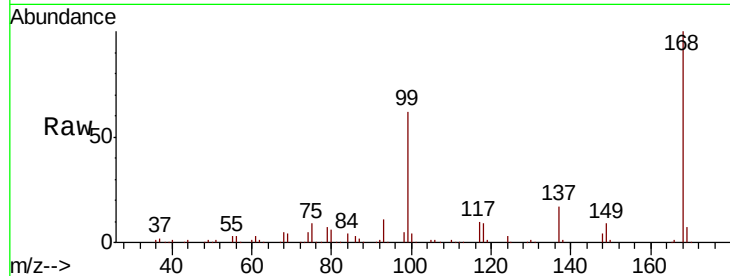




#36
 1,1-Dichloropropene
 Concen: 5.027 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011057.D
 Acq: 28 Jun 2019 13:25

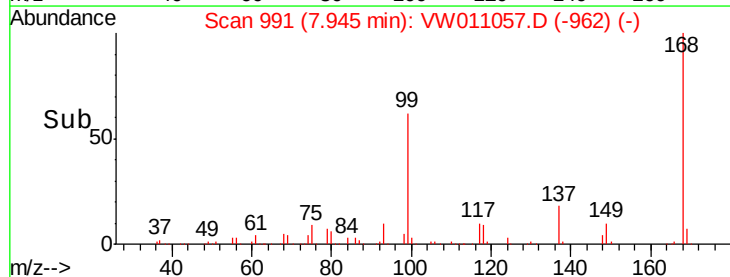
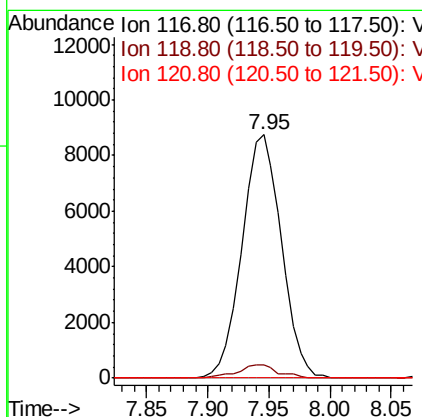
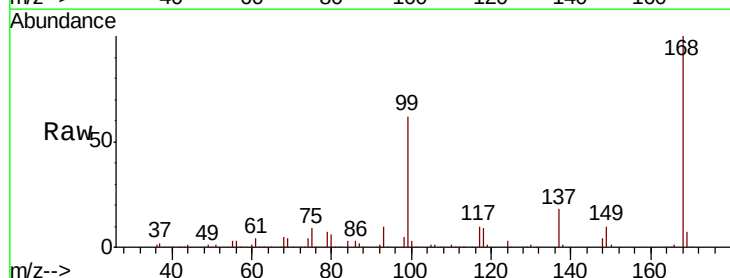
Instrument :
 MSVOA_W
 ClientSampleId :
 M-5A

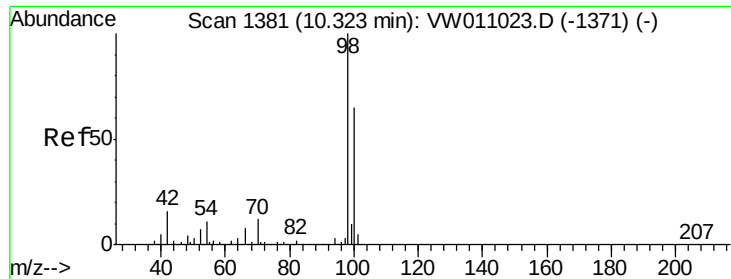
Tot Ion: 75 Resp: 17723
 Ion Ratio Lower Upper
 75 100
 110 7.3 15.5 46.5#
 77 0.2 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.744 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011057.D
 Acq: 28 Jun 2019 13:25

Tgt Ion: 117 Resp: 19582
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.7 116.5#
 121 0.0 23.9 35.9#





#50

Toluene-d8

Concen: 49.666 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011057.D

Acq: 28 Jun 2019 13:25

Instrument :

MSVOA_W

ClientSampled :

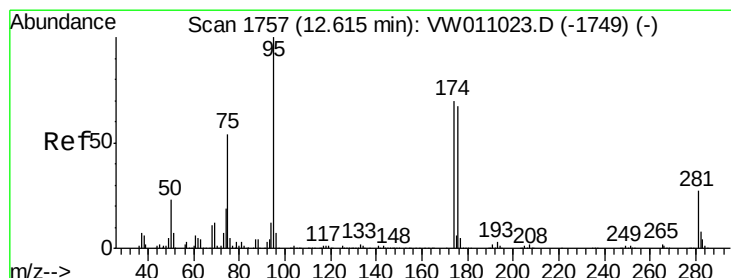
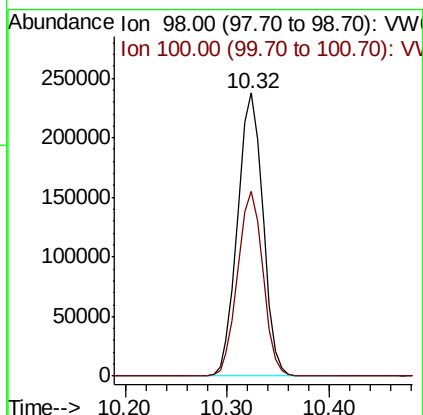
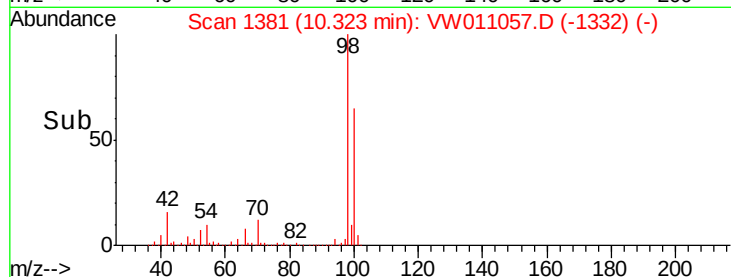
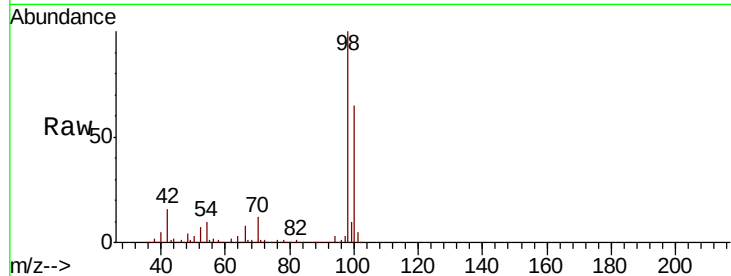
M-5A

Tot Ion: 98 Resp: 409514

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 43.752 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011057.D

Acq: 28 Jun 2019 13:25

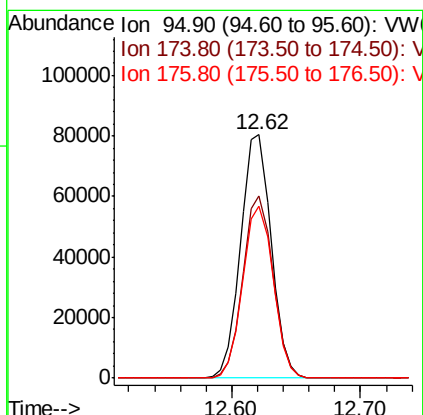
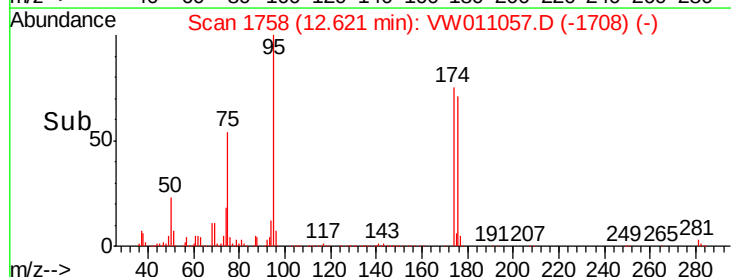
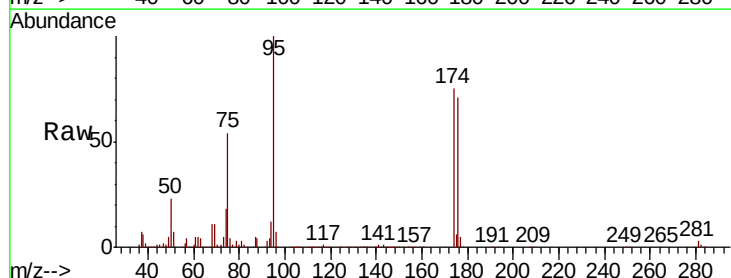
Tgt Ion: 95 Resp: 131946

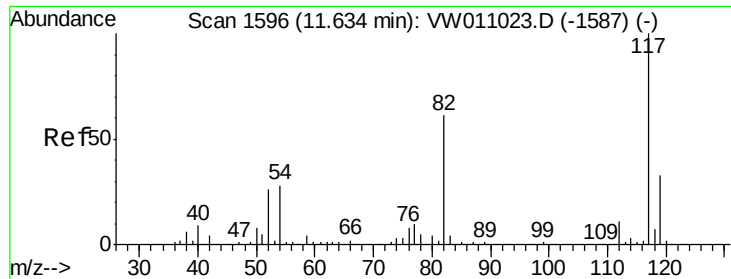
Ion Ratio Lower Upper

95 100

174 74.0 0.0 149.2

176 70.6 0.0 143.6

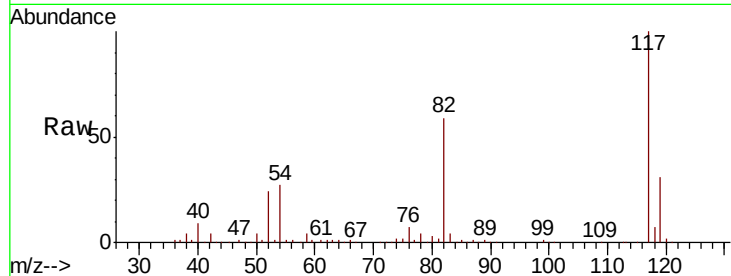




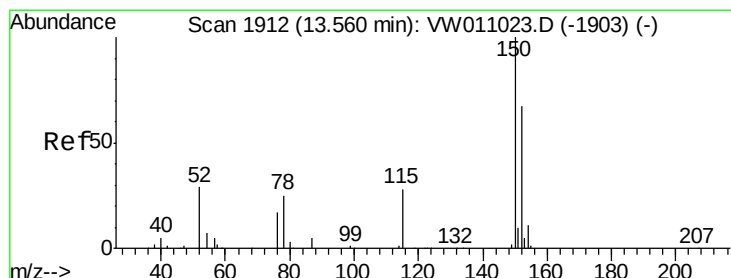
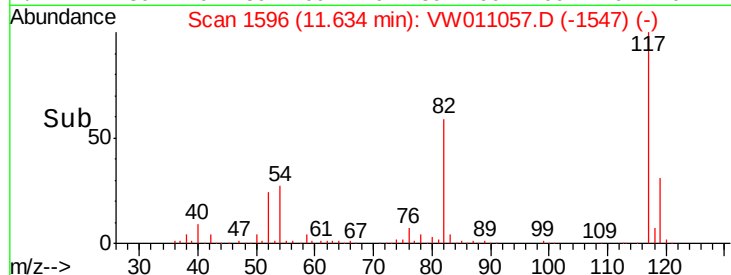
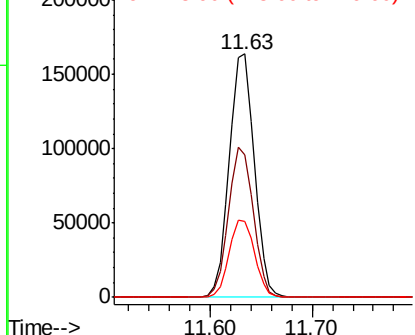
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011057.D
Acq: 28 Jun 2019 13:25

Instrument :
MSVOA_W
ClientSampleId :
M-5A

Tot Ion:117 Resp: 276805
Ion Ratio Lower Upper
117 100
82 58.8 48.6 73.0
119 31.4 26.1 39.1

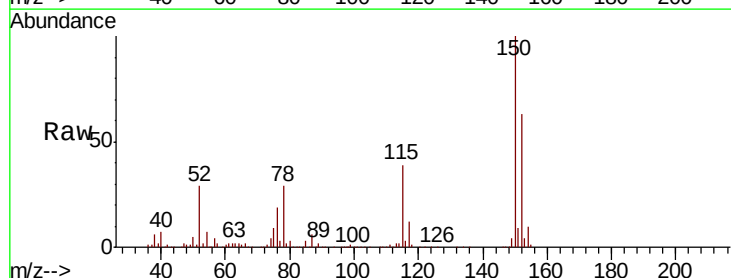


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

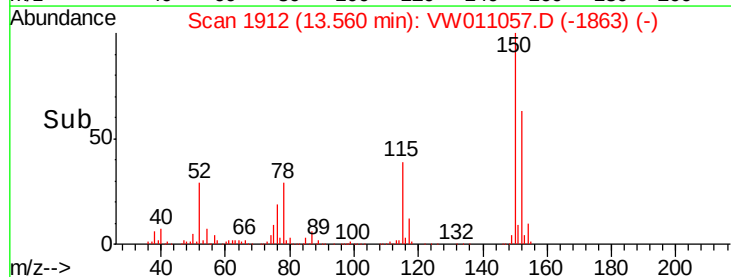
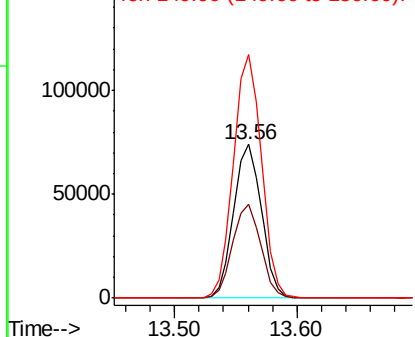


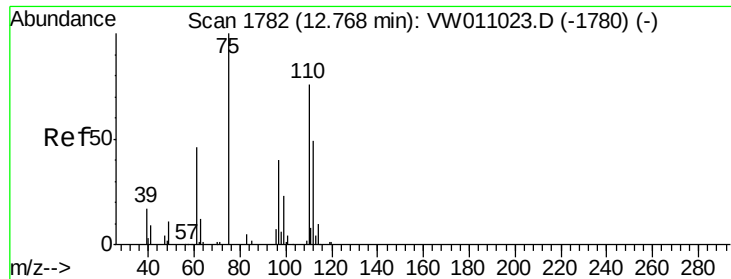
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011057.D
Acq: 28 Jun 2019 13:25

Tgt Ion:152 Resp: 116586
Ion Ratio Lower Upper
152 100
115 61.6 30.7 92.1
150 158.8 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

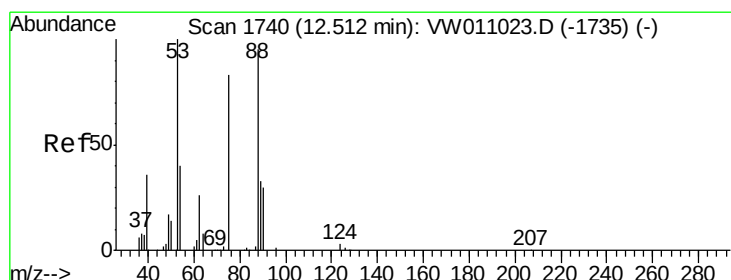
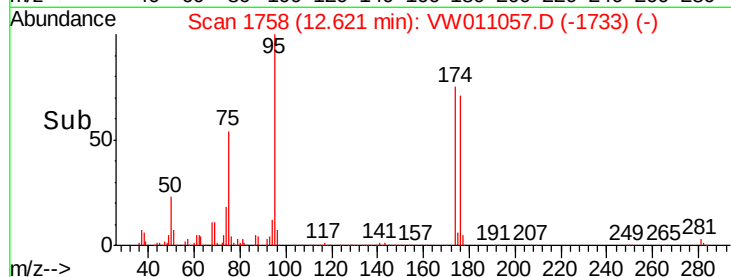
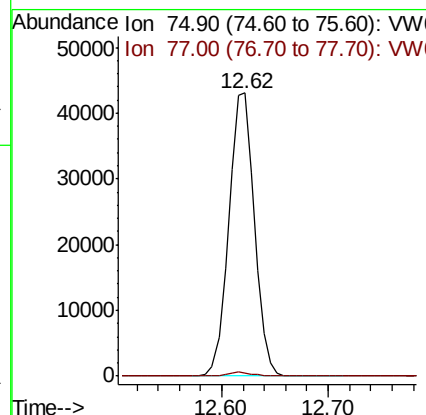
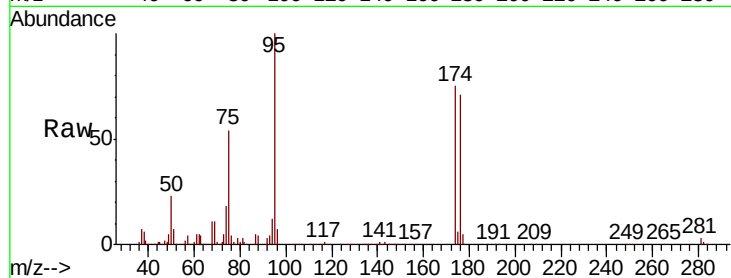




#76
 1,2,3-Trichloropropane
 Concen: 58.844 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW011057.D
 Acq: 28 Jun 2019 13:25

Instrument :
 MSVOA_W
 ClientSampleId :
 M-5A

Tot Ion: 75 Resp: 72428
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.034 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW011057.D
 Acq: 28 Jun 2019 13:25

Tgt Ion: 75 Resp: 72428
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.6 143.4#
 89 0.0 34.4 51.6#

