

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011056.D
 Acq On : 28 Jun 2019 12:59
 Operator : SY/VA
 Sample : K3552-06RE
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 M-3A

Quant Time: Jun 29 01:56:27 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

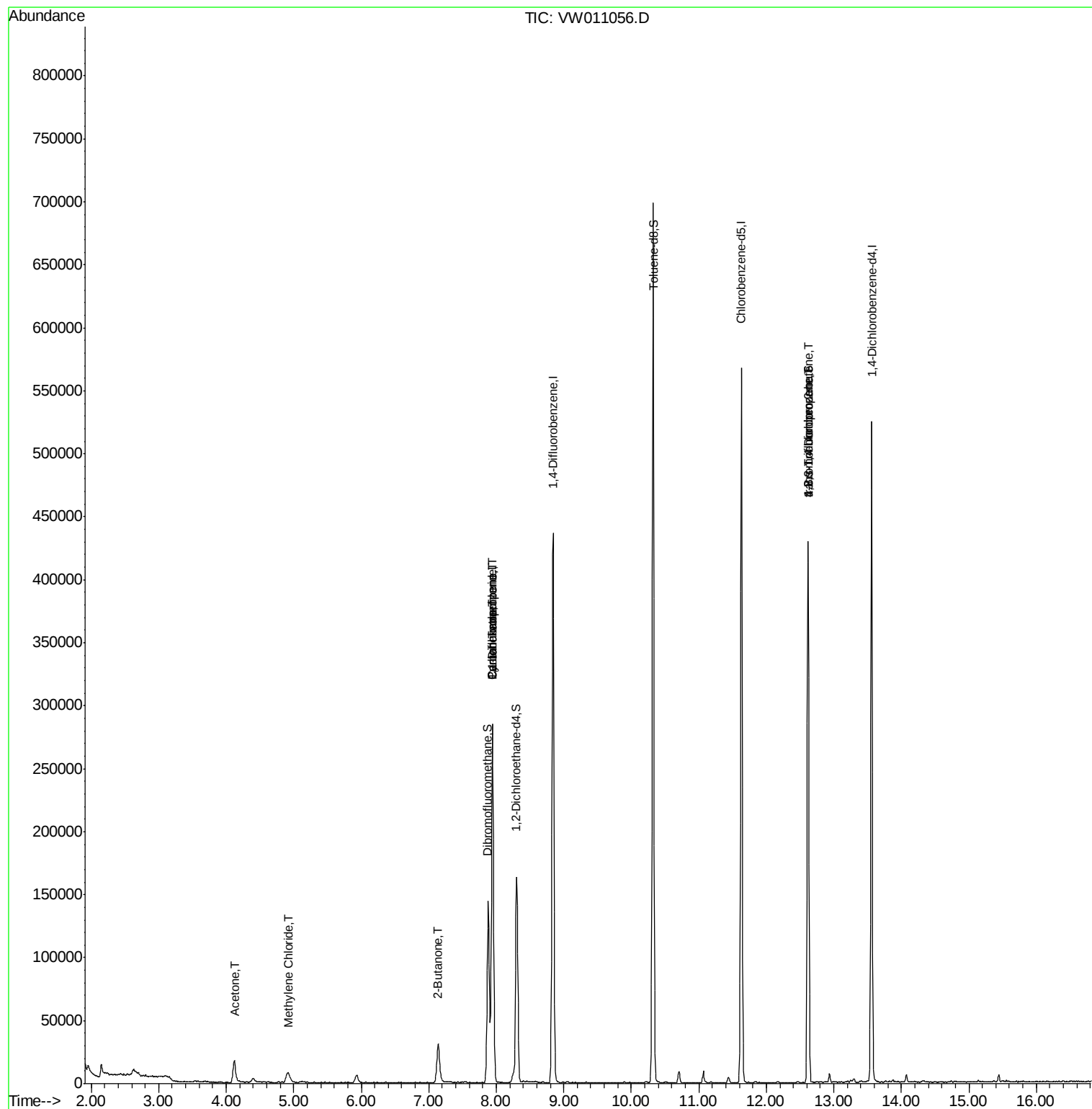
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	341507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121954	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131619	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
35) Dibromofluoromethane	7.88	113	102530	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
50) Toluene-d8	10.32	98	426312	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.62	95	138895	44.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.48%	
Target Compounds						
16) Acetone	4.12	43	32616	50.739	ug/l	98
20) Methylene Chloride	4.92	84	6617	2.534	ug/l	88
25) 2-Butanone	7.15	43	2157	2.208	ug/l #	78
31) Cyclohexane	7.94	56	5630	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18595	5.066	ug/l #	51
38) Carbon Tetrachloride	7.95	117	20541	6.795	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	75677	58.777	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75677	118.904	ug/l #	3

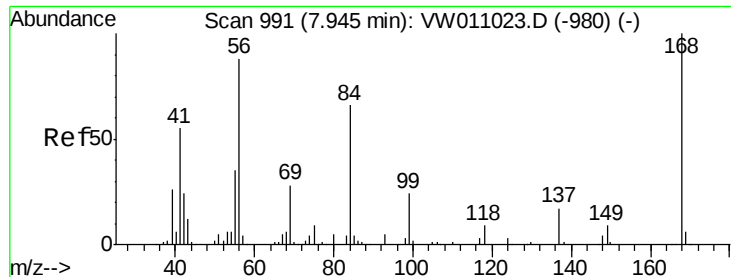
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062919\
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M-3A

Quant Time: Jun 29 01:56:27 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: VW011056.D

Acq: 28 Jun 2019 12:59

Instrument :

MSVOA_W

ClientSampled :

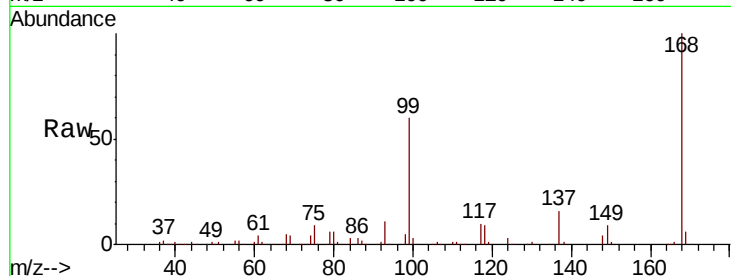
M-3A

Tot Ion:168 Resp: 201450

Ion Ratio Lower Upper

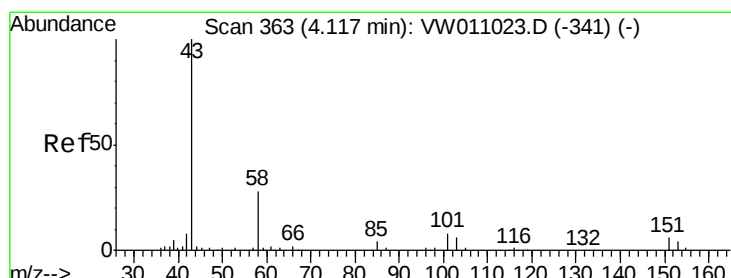
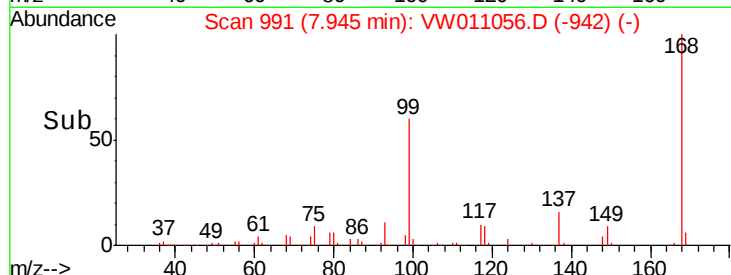
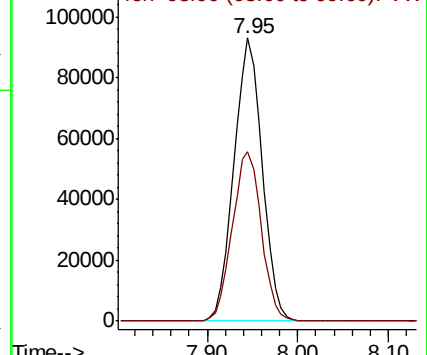
168 100

99 59.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 50.739 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011056.D

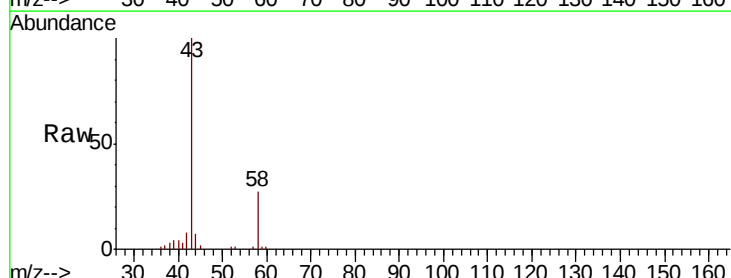
Acq: 28 Jun 2019 12:59

Tgt Ion: 43 Resp: 32616

Ion Ratio Lower Upper

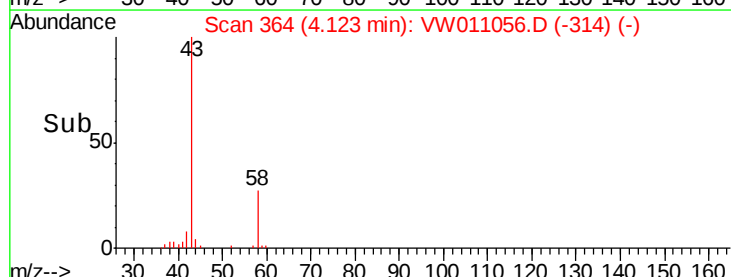
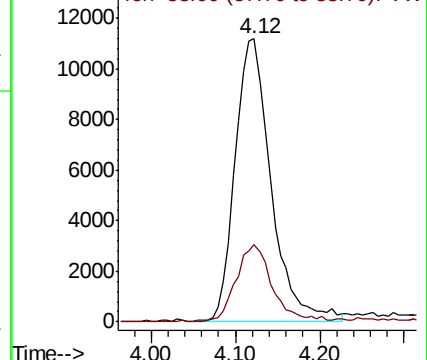
43 100

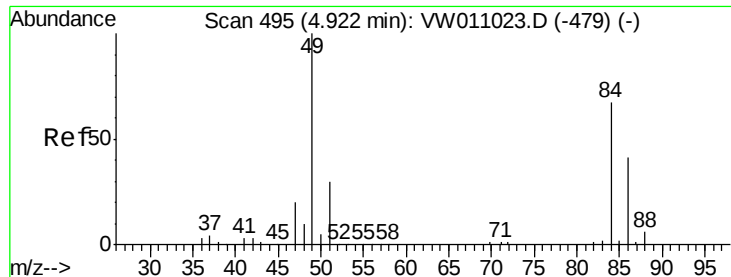
58 27.1 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

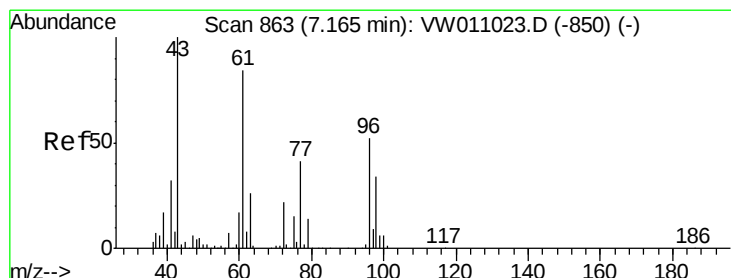
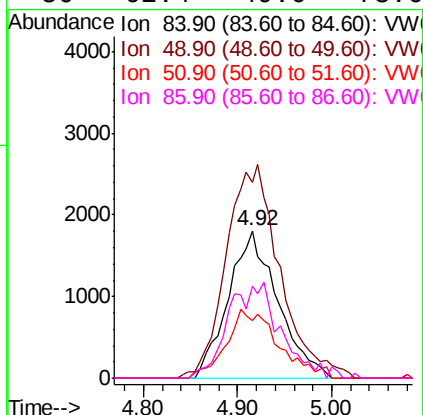
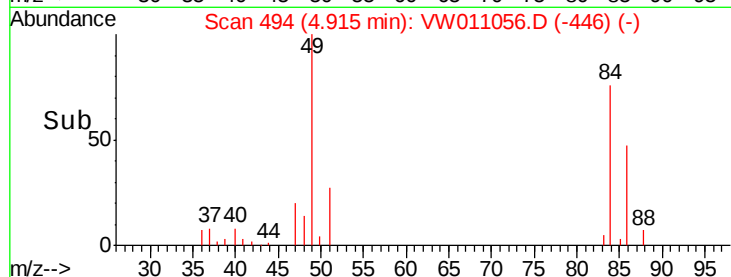
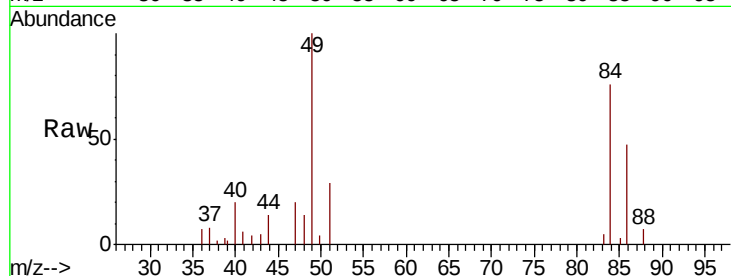




#20
Methvlene Chloride
Concen: 2.534 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011056.D
Acq: 28 Jun 2019 12:59

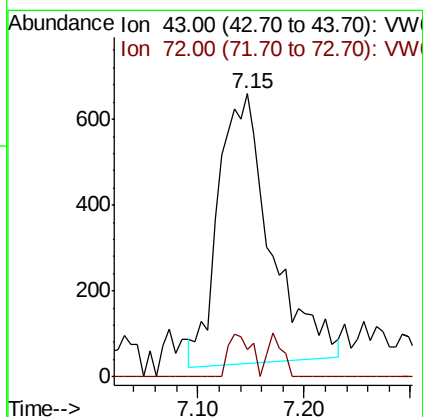
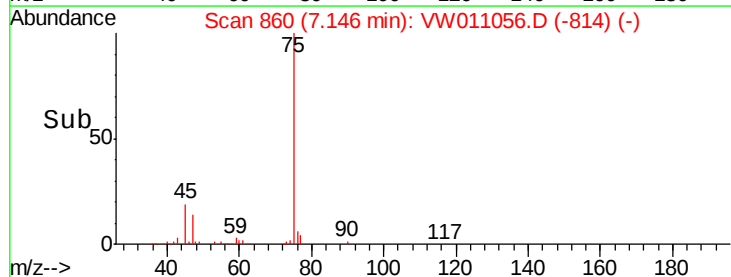
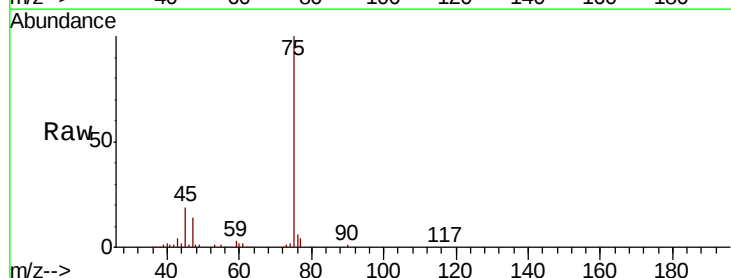
Instrument :
MSVOA_W
ClientSampleId :
M-3A

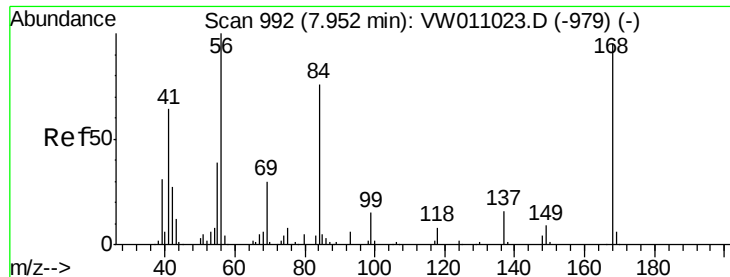
Tot Ion:	84	Resp:	6617
Ion	Ratio	Lower	Upper
84	100		
49	128.1	119.6	179.4
51	38.8	35.6	53.4
86	62.4	49.0	73.6



#25
2-Butanone
Concen: 2.208 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW011056.D
Acq: 28 Jun 2019 12:59

Tgt Ion:	43	Resp:	2157
Ion	Ratio	Lower	Upper
43	100		
72	11.0	17.2	25.8#

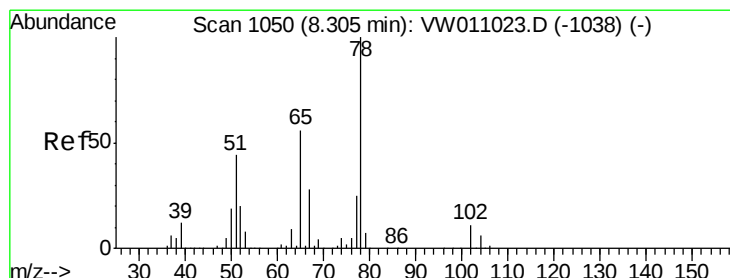
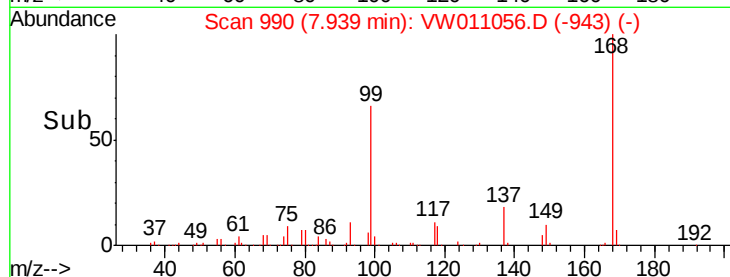
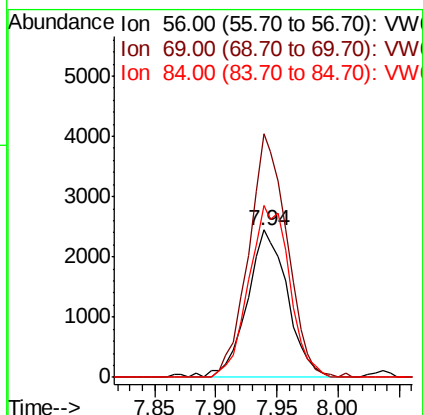
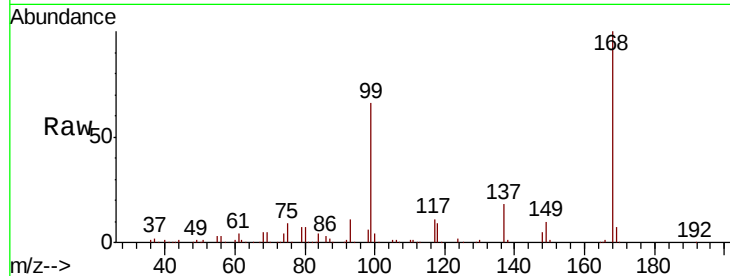




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011056.D
Acq: 28 Jun 2019 12:59

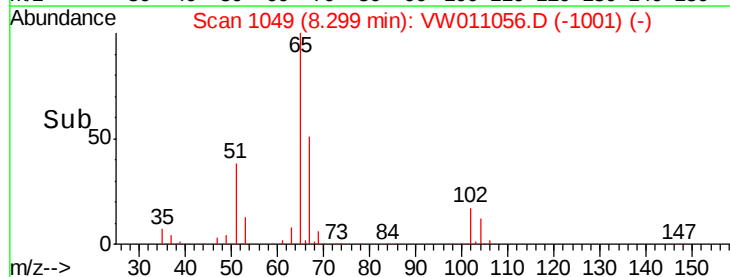
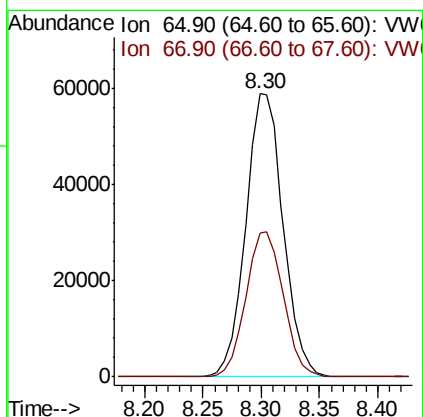
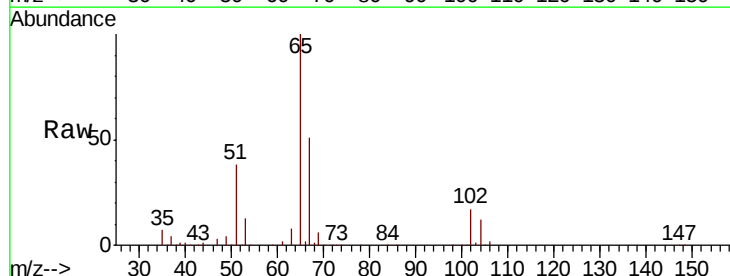
Instrument :
MSVOA_W
ClientSampled :
M-3A

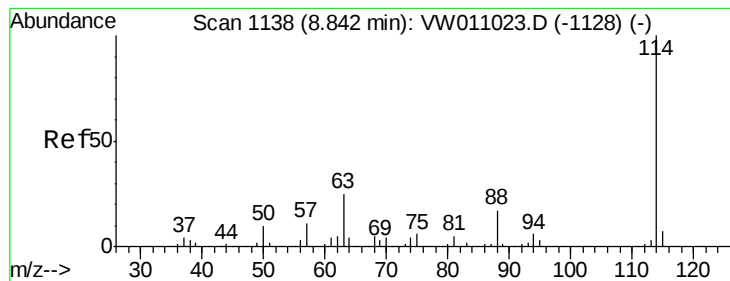
Tot Ion: 56 Resp: 5630
Ion Ratio Lower Upper
56 100
69 165.1 24.2 36.2#
84 116.7 60.6 90.8#



#33
1,2-Dichloroethane-d4
Concen: 49.979 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011056.D
Acq: 28 Jun 2019 12:59

Tgt Ion: 65 Resp: 131619
Ion Ratio Lower Upper
65 100
67 51.7 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: VW011056.D

Acq: 28 Jun 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

M-3A

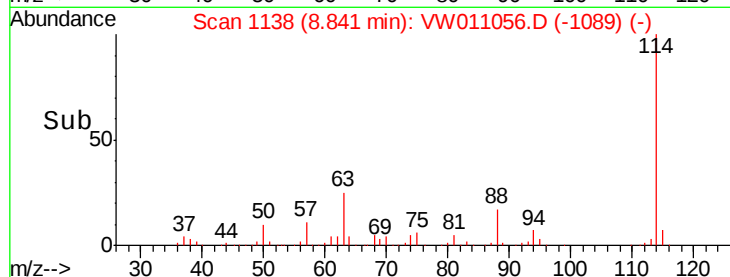
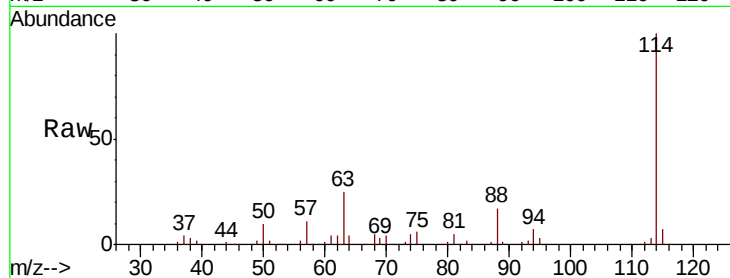
Tot Ion:114 Resp: 341507

Ion Ratio Lower Upper

114 100

63 25.0 0.0 50.6

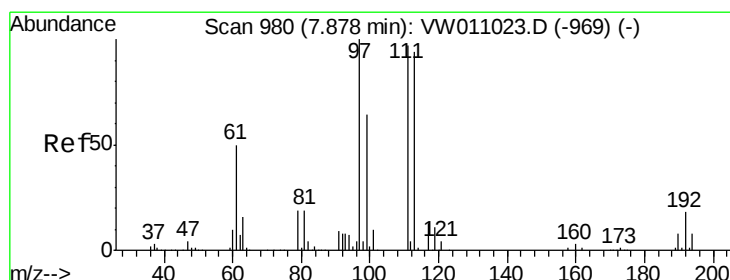
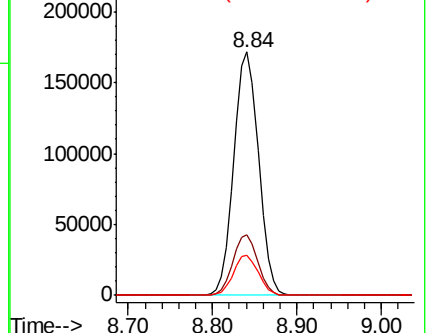
88 16.7 0.0 34.0



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: 49.166 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW011056.D

Acq: 28 Jun 2019 12:59

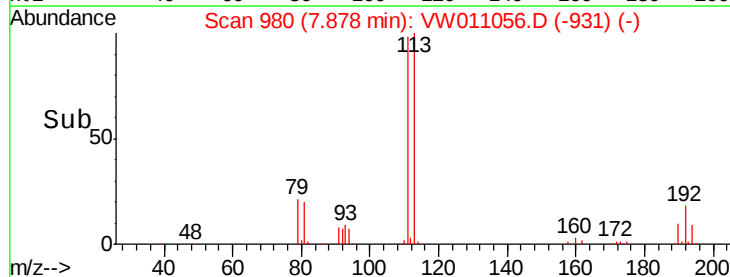
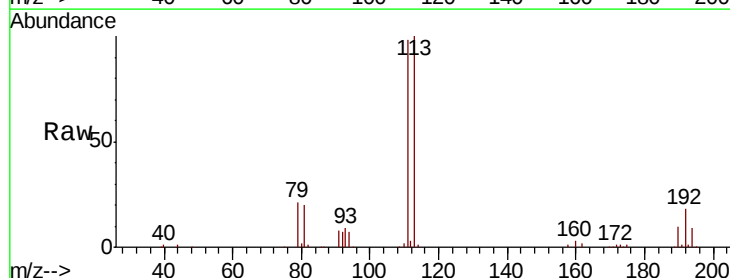
Tgt Ion:113 Resp: 102530

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

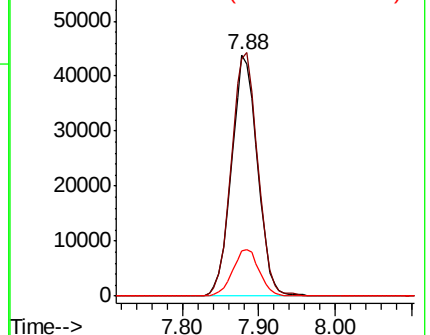
192 19.6 16.0 24.0

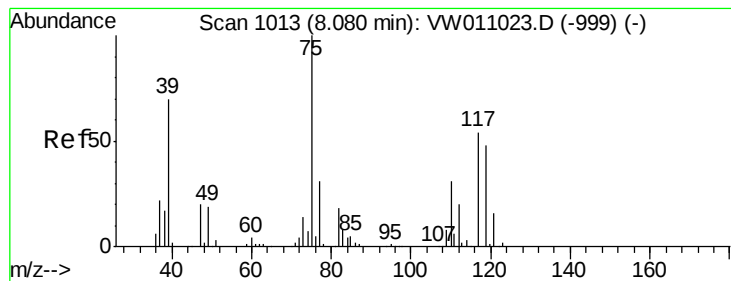


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.066 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011056.D

Acq: 28 Jun 2019 12:59

Instrument :

MSVOA_W

ClientSampled :

M-3A

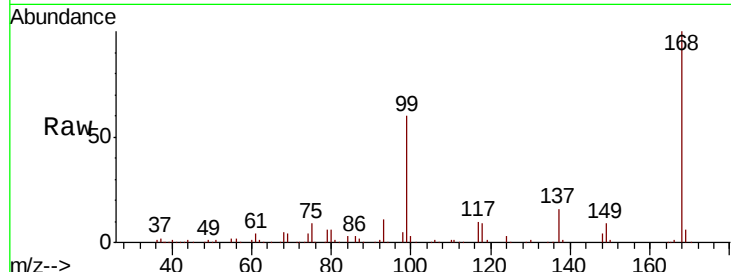
Tot Ion: 75 Resp: 18595

Ion Ratio Lower Upper

75 100

110 8.2 15.5 46.5#

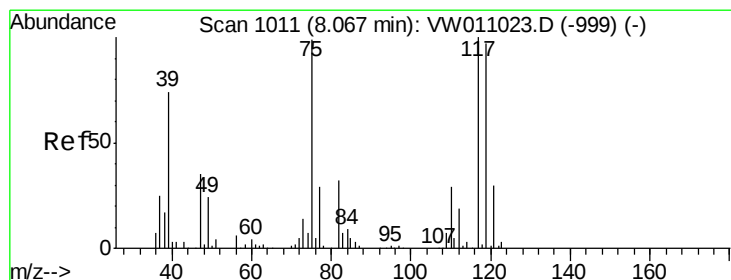
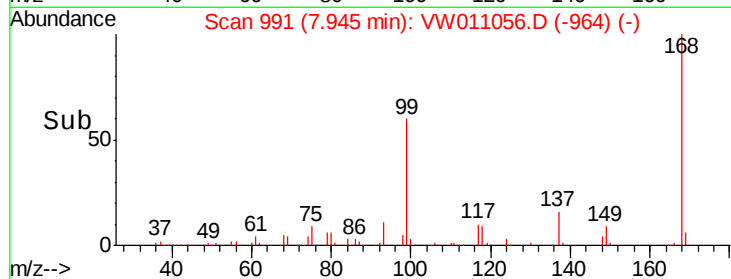
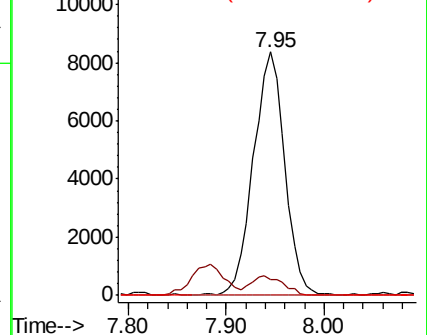
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.795 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011056.D

Acq: 28 Jun 2019 12:59

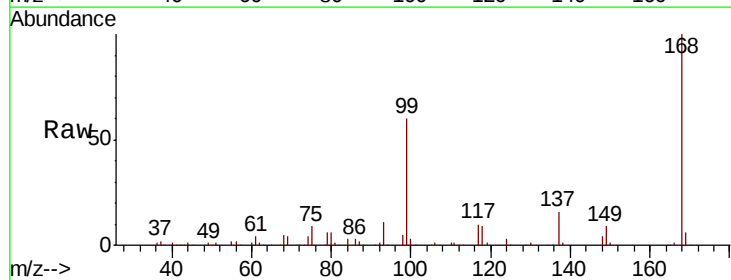
Tgt Ion: 117 Resp: 20541

Ion Ratio Lower Upper

117 100

119 5.5 77.7 116.5#

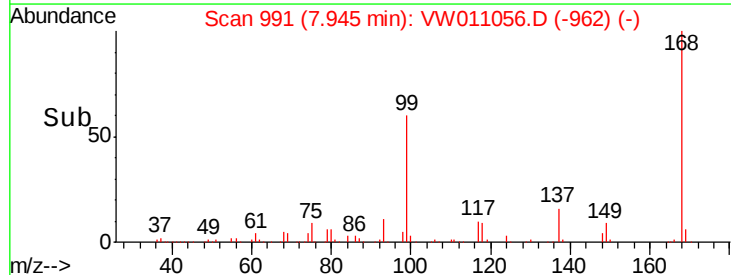
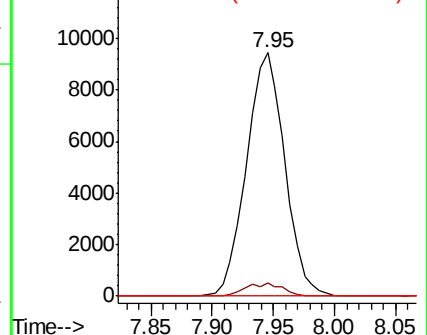
121 0.0 23.9 35.9#

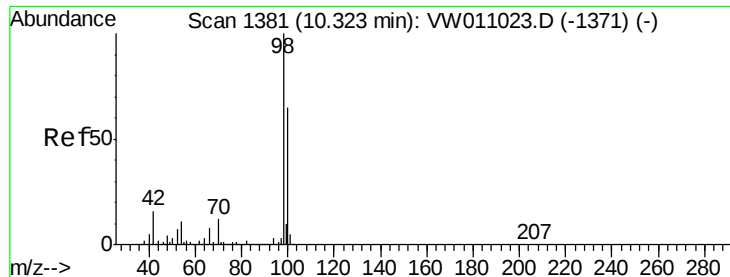


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 49.664 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011056.D

Acq: 28 Jun 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

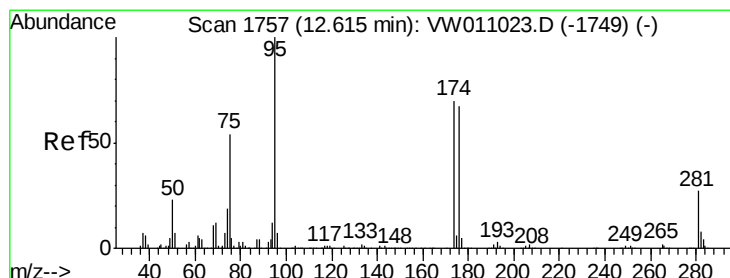
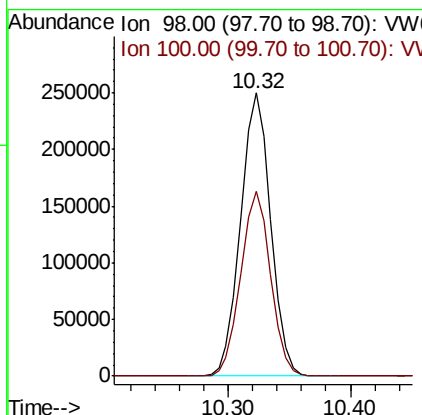
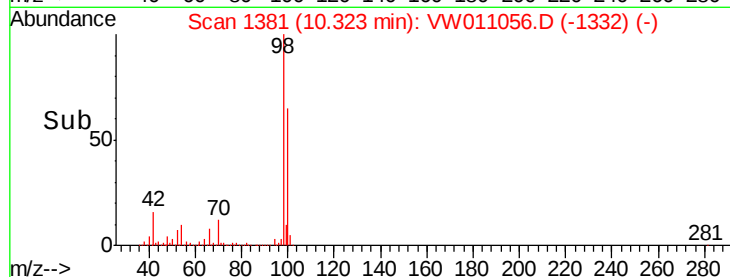
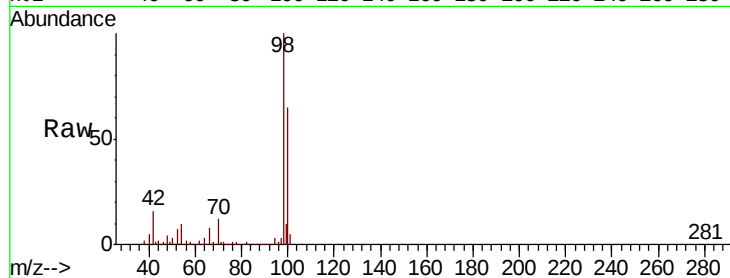
M-3A

Tot Ion: 98 Resp: 426312

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.240 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011056.D

Acq: 28 Jun 2019 12:59

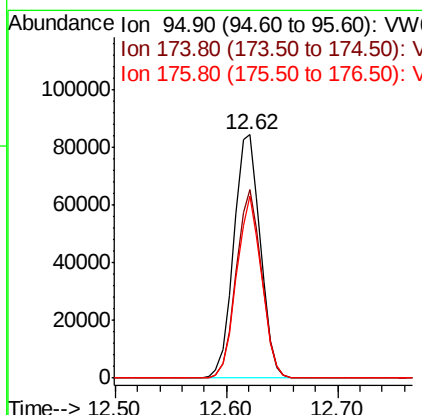
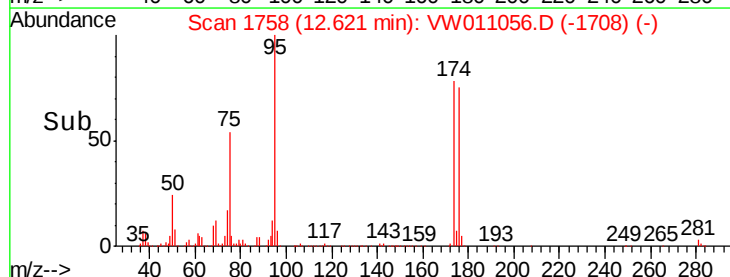
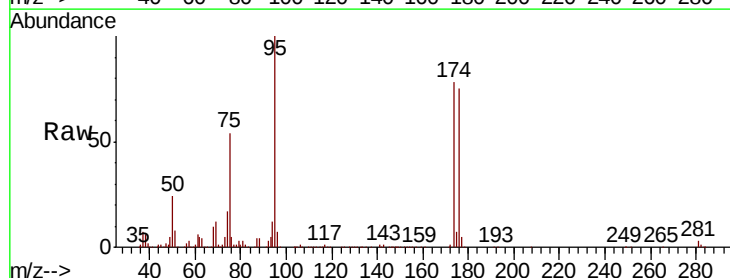
Tgt Ion: 95 Resp: 138895

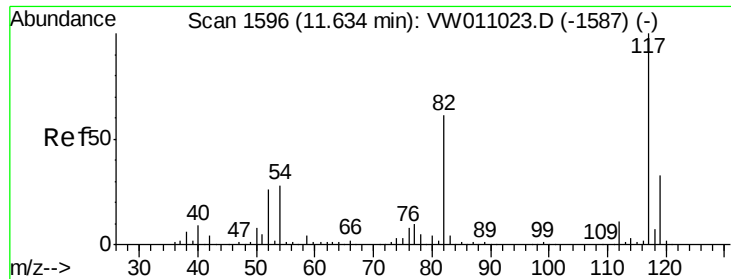
Ion Ratio Lower Upper

95 100

174 74.4 0.0 149.2

176 70.9 0.0 143.6

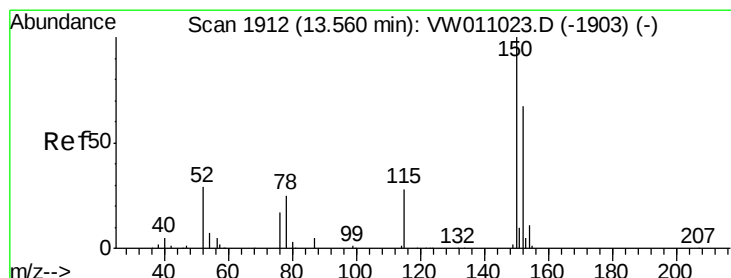
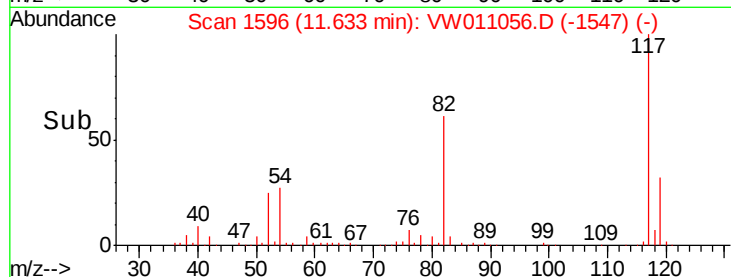
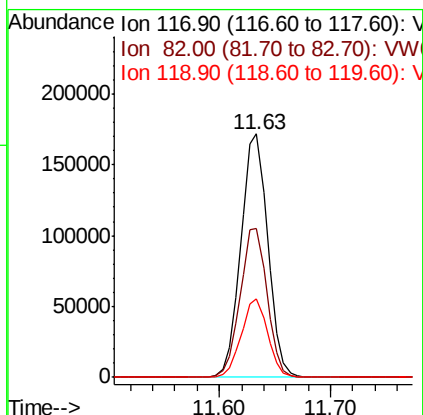
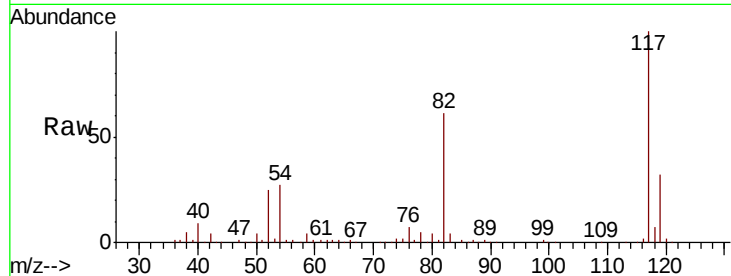




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011056.D
Acq: 28 Jun 2019 12:59

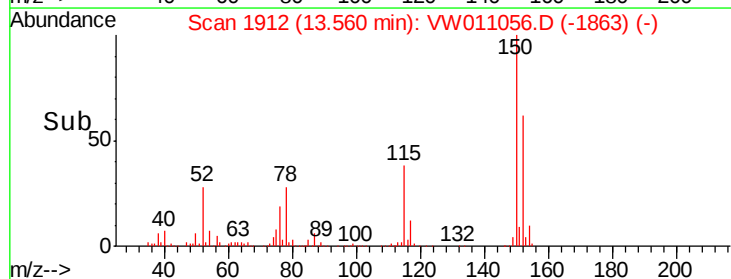
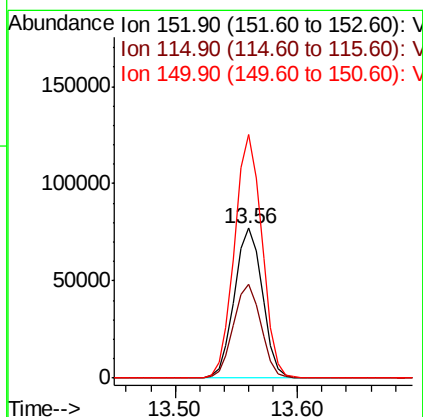
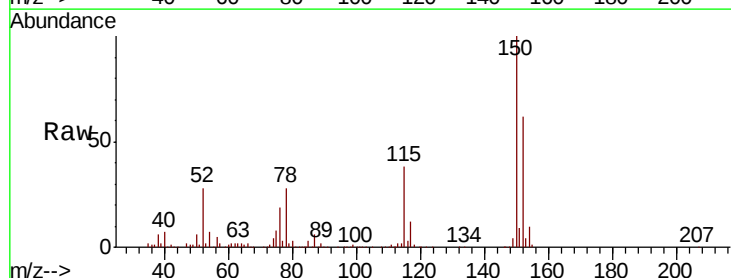
Instrument :
MSVOA_W
ClientSampled :
M-3A

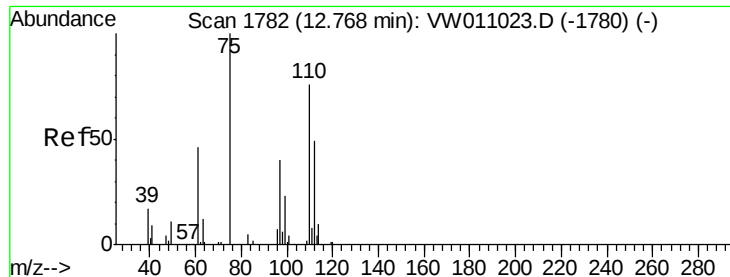
Tot Ion:117 Resp: 287876
Ion Ratio Lower Upper
117 100
82 60.9 48.6 73.0
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011056.D
Acq: 28 Jun 2019 12:59

Tgt Ion:152 Resp: 121954
Ion Ratio Lower Upper
152 100
115 61.8 30.7 92.1
150 159.5 0.0 341.8





#76

1,2,3-Trichloropropane

Concen: 58.777 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW011056.D

Acq: 28 Jun 2019 12:59

Instrument :

MSVOA_W

ClientSampled :

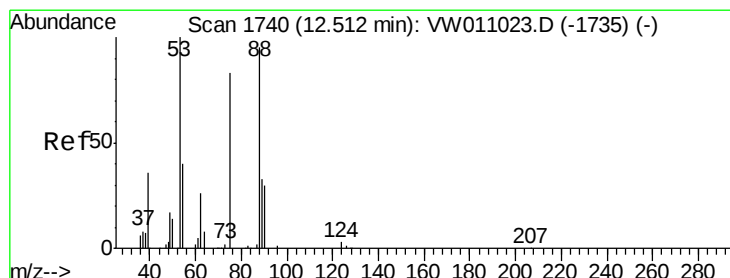
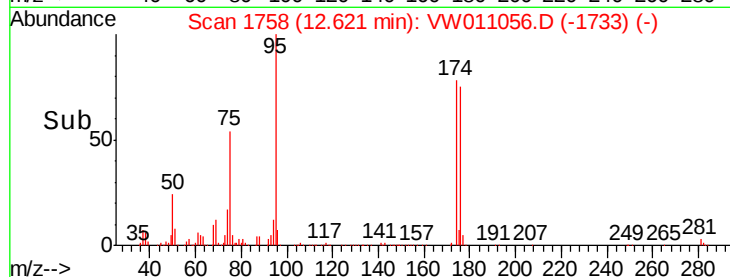
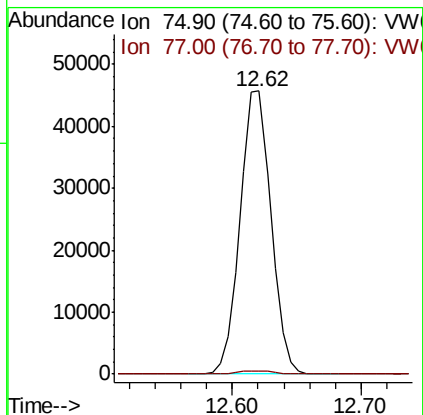
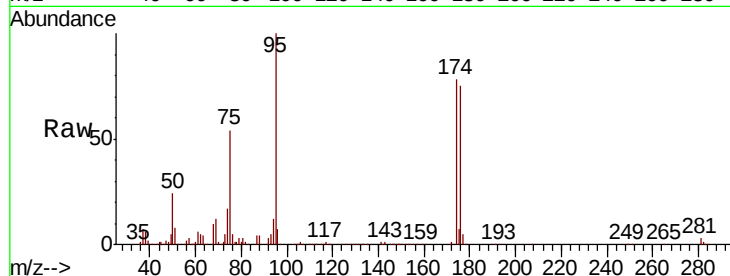
M-3A

Tot Ion: 75 Resp: 75677

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 118.904 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW011056.D

Acq: 28 Jun 2019 12:59

Tgt Ion: 75 Resp: 75677

Ion Ratio Lower Upper

75 100

53 0.0 95.6 143.4#

89 0.1 34.4 51.6#

