

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008037.D
 Acq On : 03 Jan 2019 22:32
 Operator : SY/AP
 Sample : K1002-01RE
 Misc : 6.93G/5ML/MSVOA_W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-010219-A

Quant Time: Jan 04 00:35:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

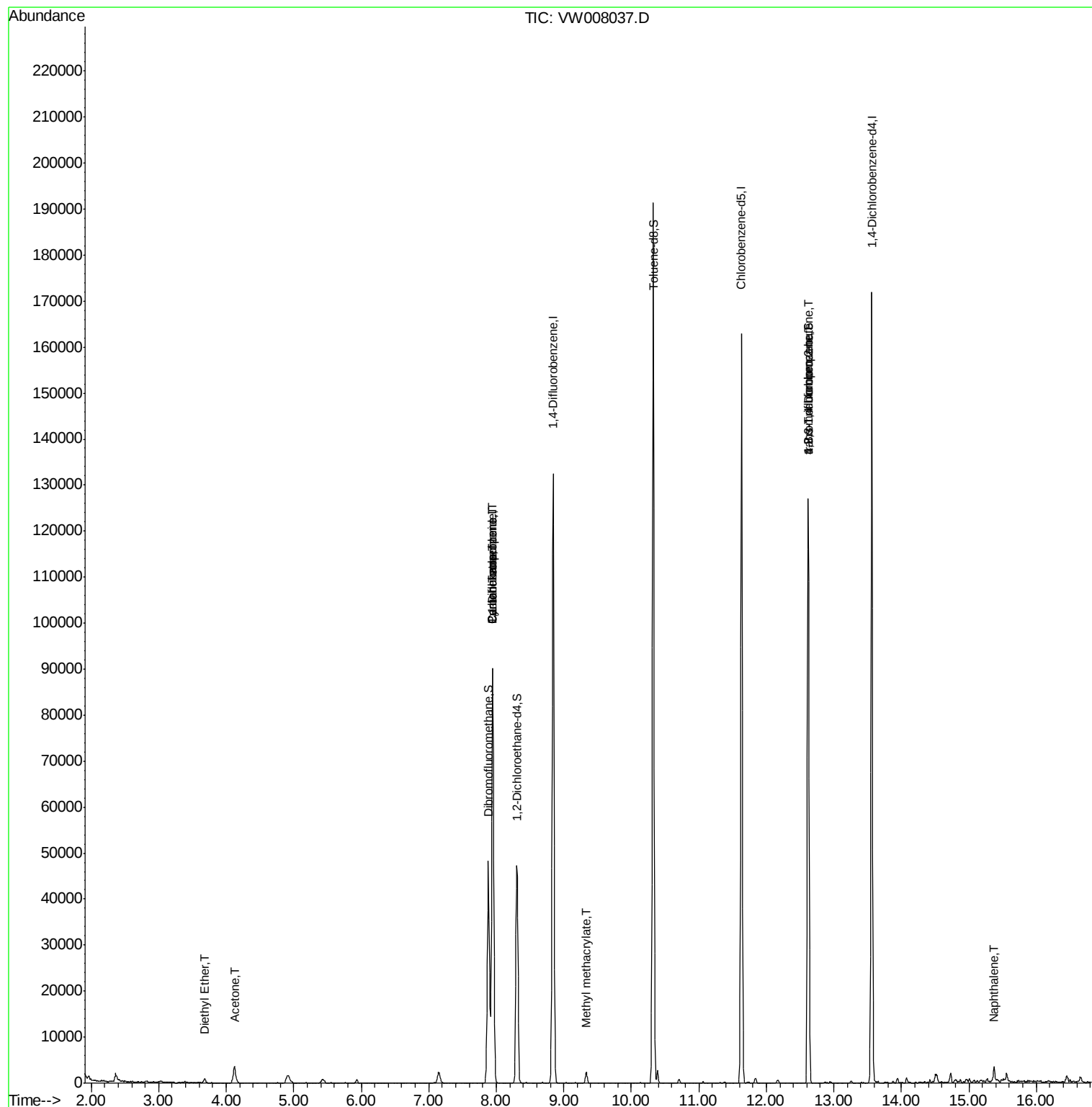
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	63448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	109762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	89951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	42104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	41246	58.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.54%	
35) Dibromofluoromethane	7.88	113	35442	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
50) Toluene-d8	10.32	98	126671	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.61	95	42381	42.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.14%	
Target Compounds						
8) Diethyl Ether	3.68	74	492	1.711	ug/l	99
16) Acetone	4.13	43	6417	59.071	ug/l	93
20) Methylene Chloride	4.91	84	859	Below Cal		93
31) Cyclohexane	7.95	56	1574	1.467	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	4896	4.522	ug/l #	52
38) Carbon Tetrachloride	7.95	117	7226	5.569	ug/l #	15
48) Methyl methacrylate	9.34	41	453	1.383	ug/l #	59
76) 1,2,3-Trichloropropane	12.62	75	23798	71.048	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	23798	168.017	ug/l #	6
95) Naphthalene	15.37	128	3061	2.006	ug/l	98

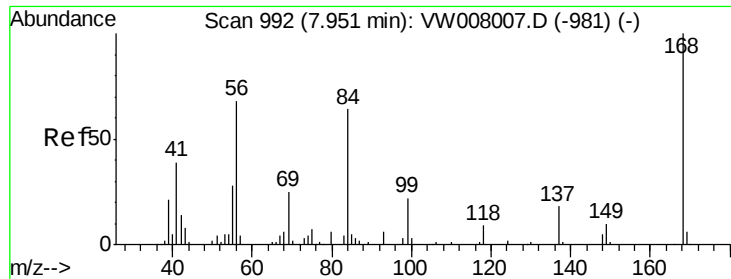
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008037.D

Acq: 03 Jan 2019 22:32

Instrument :

MSVOA_W

ClientSampleId :

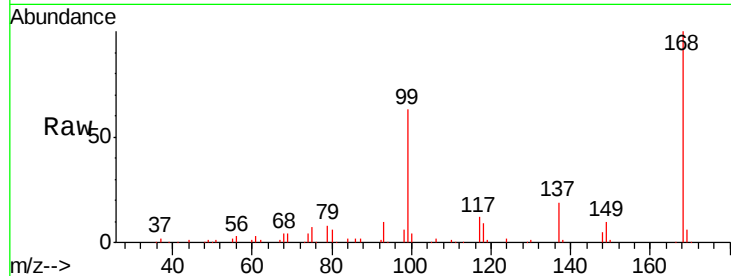
AU-05-010219-A

Tgt Ion: 168 Resp: 63448

Ion Ratio Lower Upper

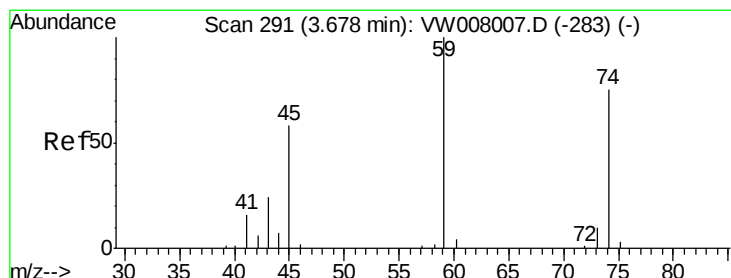
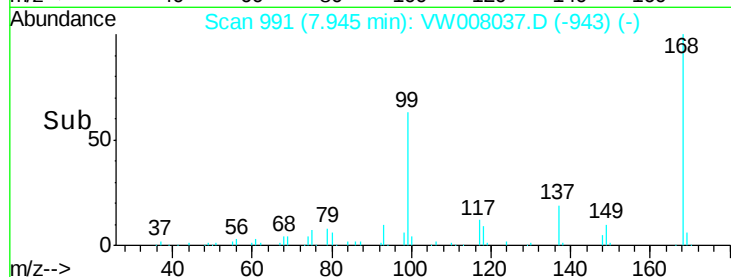
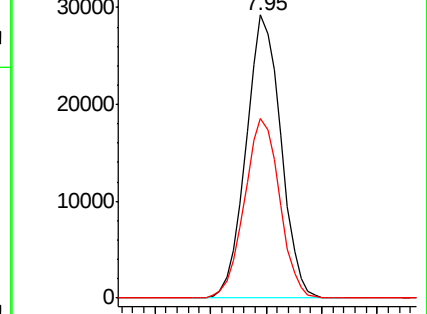
168 100

99 63.4 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.711 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW008037.D

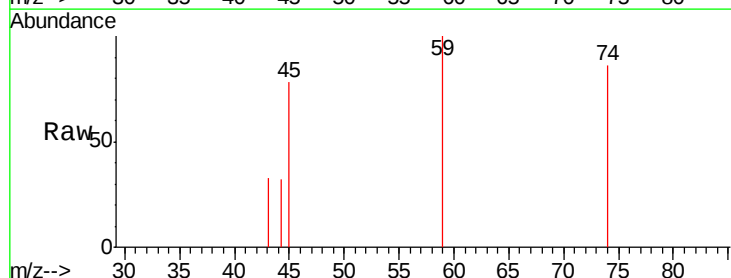
Acq: 03 Jan 2019 22:32

Tgt Ion: 74 Resp: 492

Ion Ratio Lower Upper

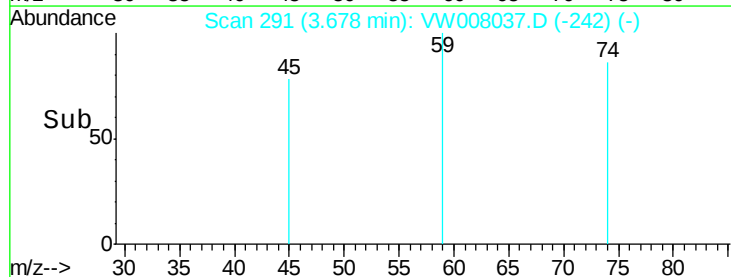
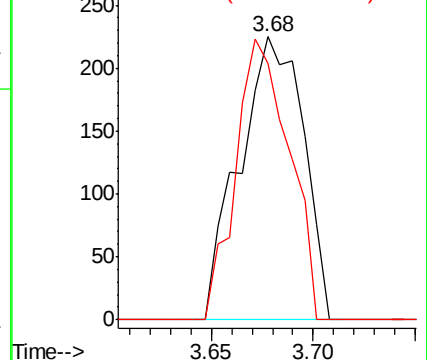
74 100

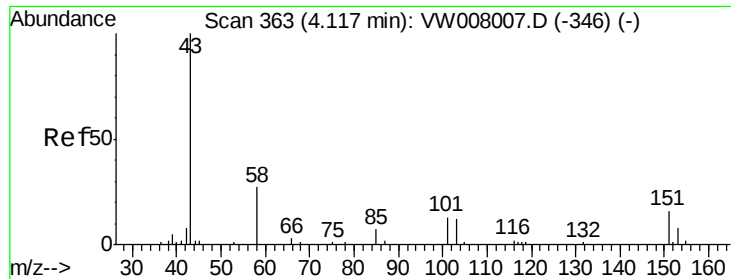
45 82.1 41.4 124.2



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 59.071 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008037.D

Acq: 03 Jan 2019 22:32

Instrument :

MSVOA_W

ClientSampleId :

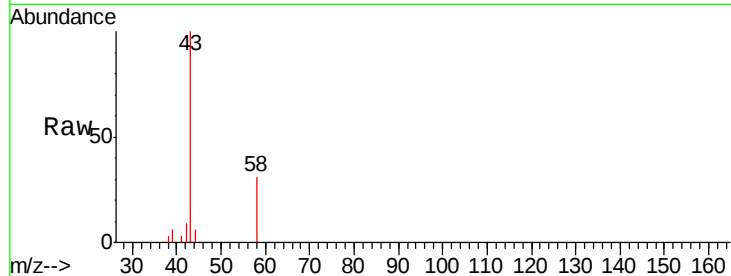
AU-05-010219-A

Tgt Ion: 43 Resp: 6417

Ion Ratio Lower Upper

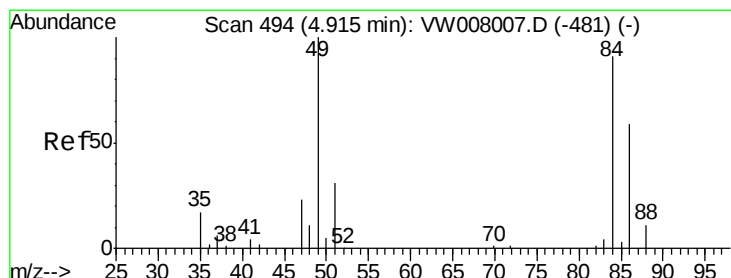
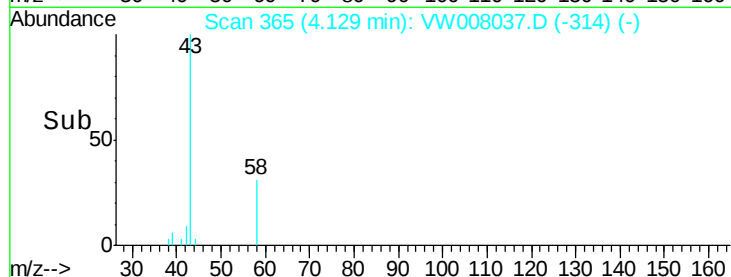
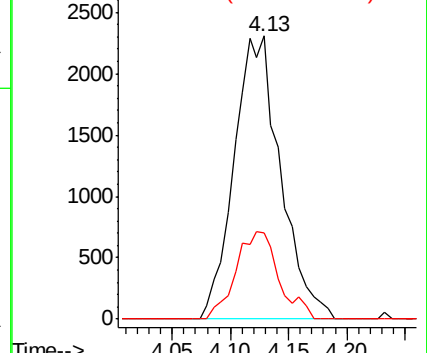
43 100

58 30.7 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW008037.D

Acq: 03 Jan 2019 22:32

Tgt Ion: 84 Resp: 859

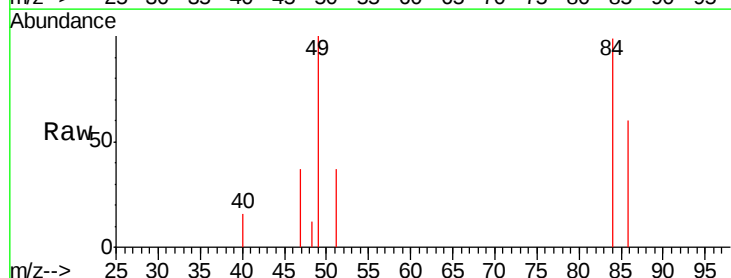
Ion Ratio Lower Upper

84 100

49 100.9 87.7 131.5

51 36.9 27.3 40.9

86 60.4 51.4 77.0

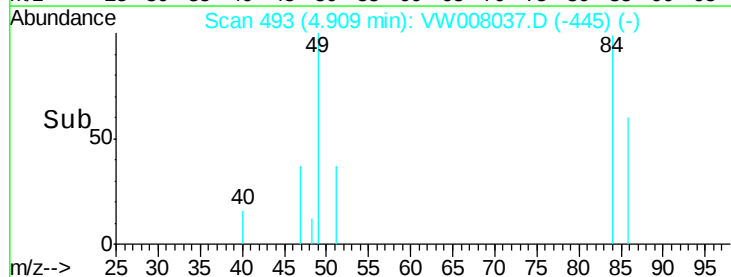
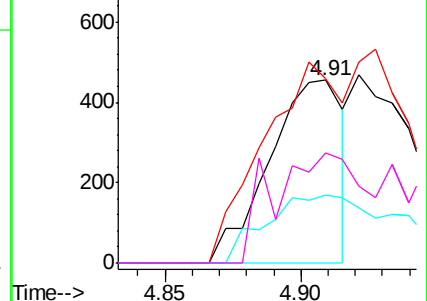


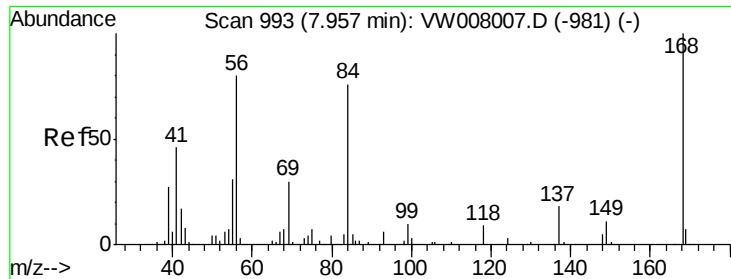
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

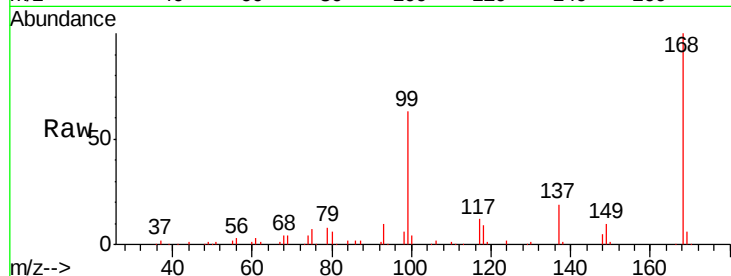




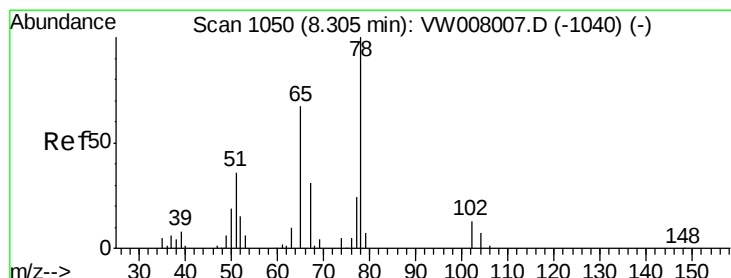
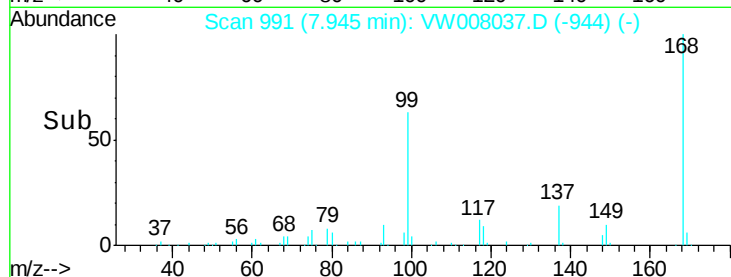
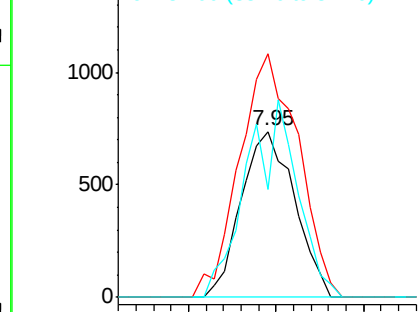
#31
Cyclohexane
Concen: 1.467 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008037.D
Acq: 03 Jan 2019 22:32

Instrument :
MSVOA_W
ClientSampleId :
AU-05-010219-A

Tgt Ion: 56 Resp: 1574
Ion Ratio Lower Upper
56 100
69 147.0 29.8 44.6#
84 65.5 75.2 112.8#

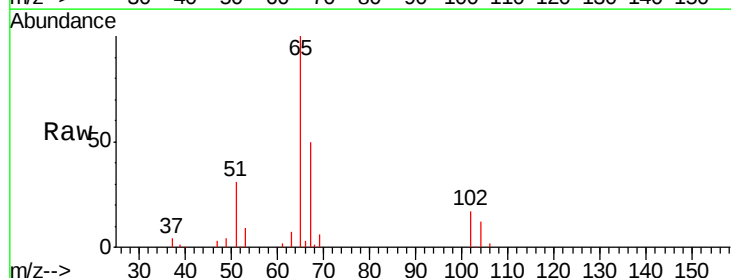


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

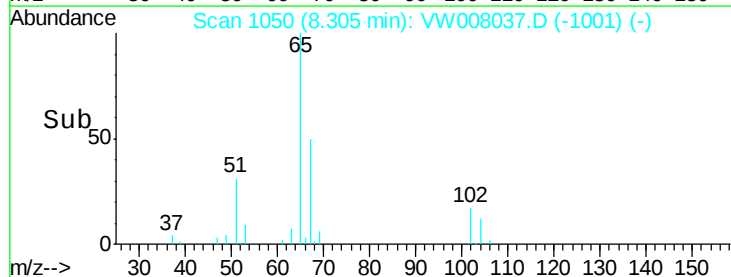
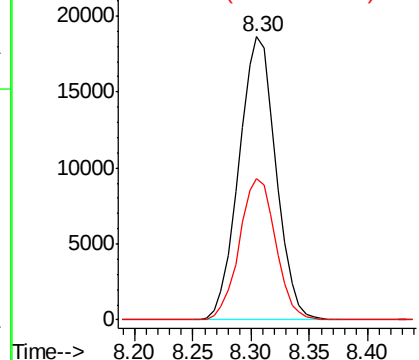


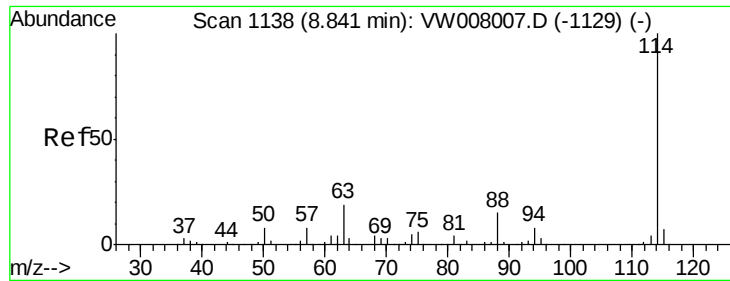
#33
1,2-Dichloroethane-d4
Concen: 58.774 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008037.D
Acq: 03 Jan 2019 22:32

Tgt Ion: 65 Resp: 41246
Ion Ratio Lower Upper
65 100
67 49.2 0.0 94.8



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

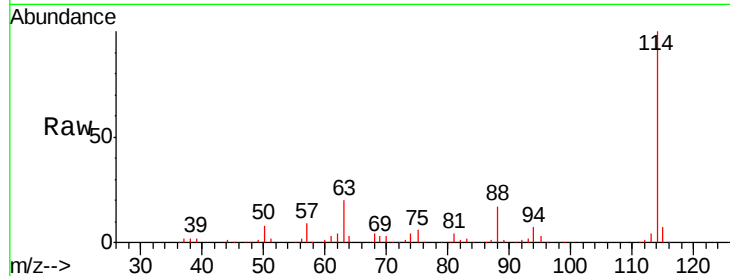




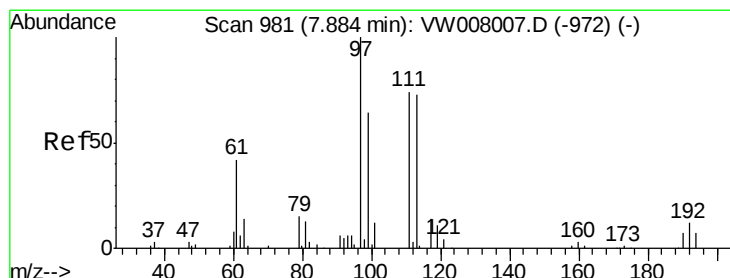
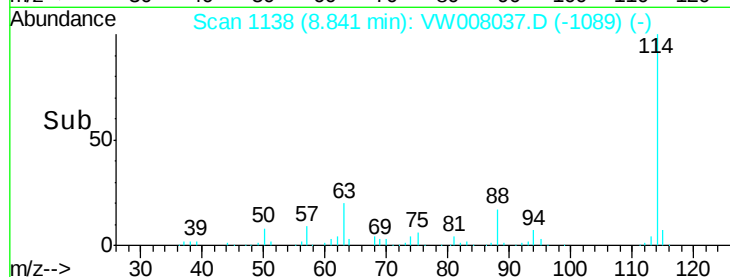
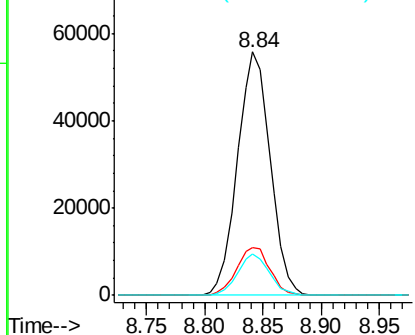
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008037.D
Acq: 03 Jan 2019 22:32

Instrument :
MSVOA_W
ClientSampleId :
AU-05-010219-A

Tgt Ion:114 Resp: 109762
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.8
88 17.0 0.0 31.0

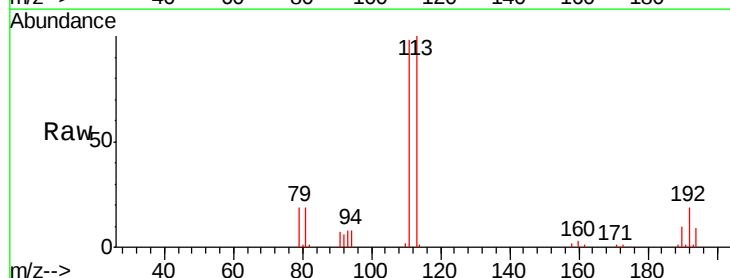


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

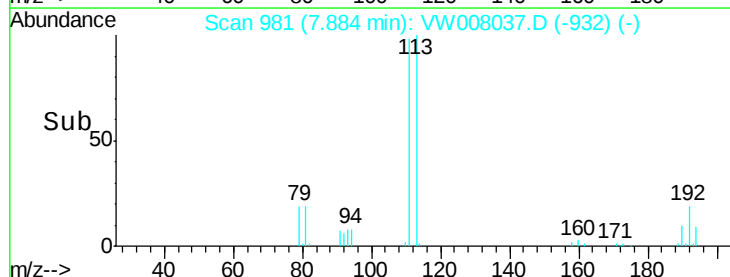
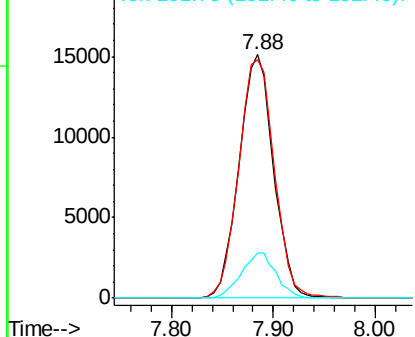


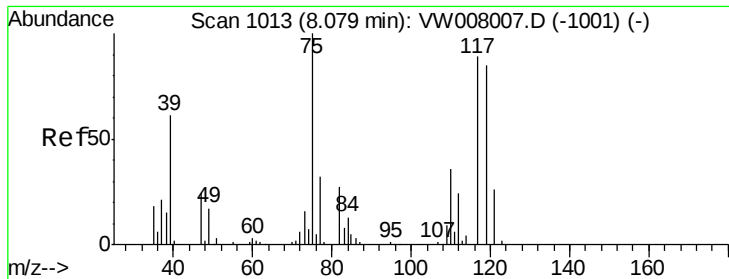
#35
Dibromofluoromethane
Concen: 51.221 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008037.D
Acq: 03 Jan 2019 22:32

Tgt Ion:113 Resp: 35442
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 18.7 14.8 22.2



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

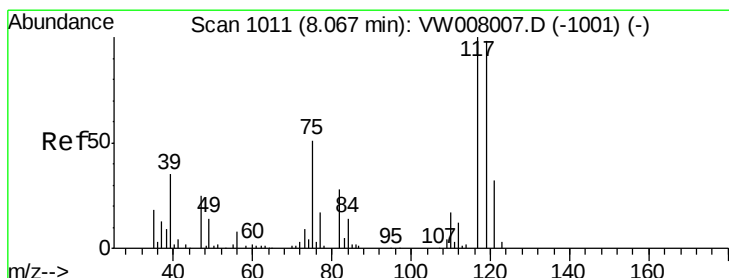
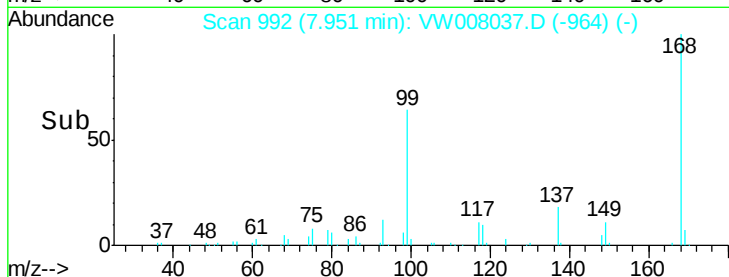
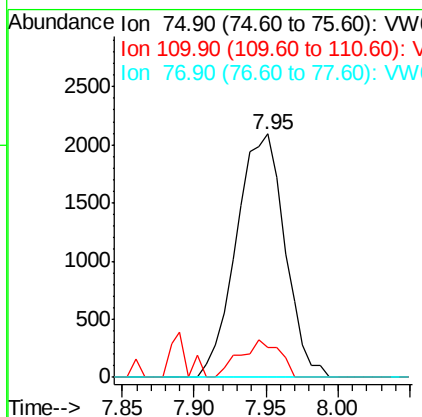
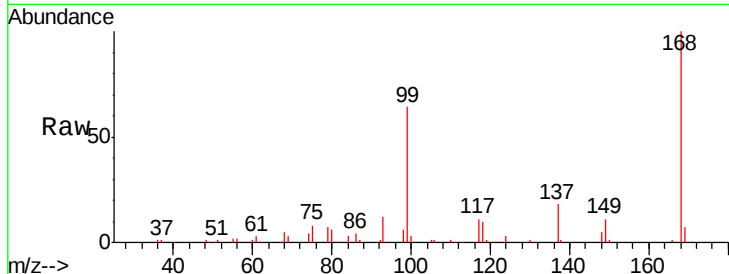




#36
 1,1-Dichloropropene
 Concen: 4.522 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008037.D
 Acq: 03 Jan 2019 22:32

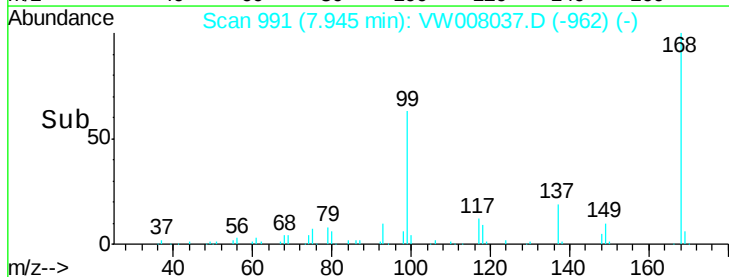
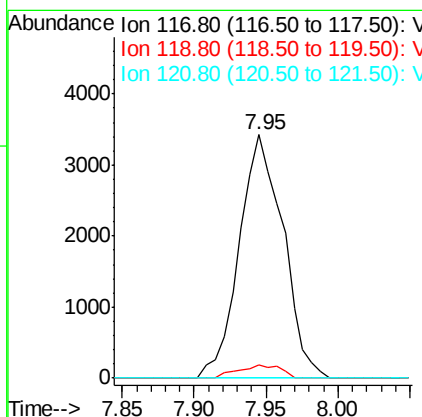
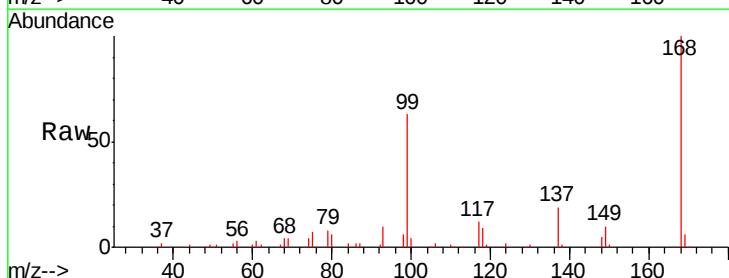
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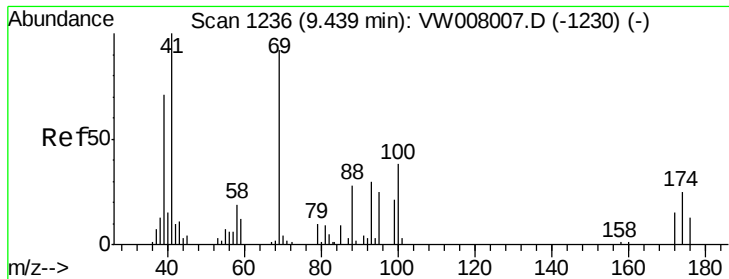
Tgt Ion: 75 Resp: 4896
 Ion Ratio Lower Upper
 75 100
 110 12.4 18.1 54.3#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.569 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008037.D
 Acq: 03 Jan 2019 22:32

Tgt Ion: 117 Resp: 7226
 Ion Ratio Lower Upper
 117 100
 119 5.2 78.7 118.1#
 121 0.0 25.8 38.8#





#48

Methyl methacrylate

Concen: 1.383 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.10 min

Lab File: VW008037.D

Acq: 03 Jan 2019 22:32

Instrument :

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ClientSampleId :

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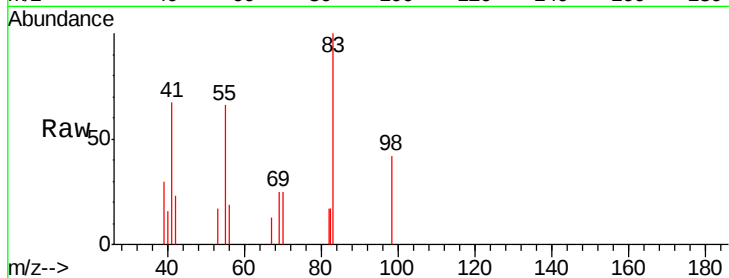
Tgt Ion: 41 Resp: 453

Ion Ratio Lower Upper

41 100

69 30.5 72.3 108.5#

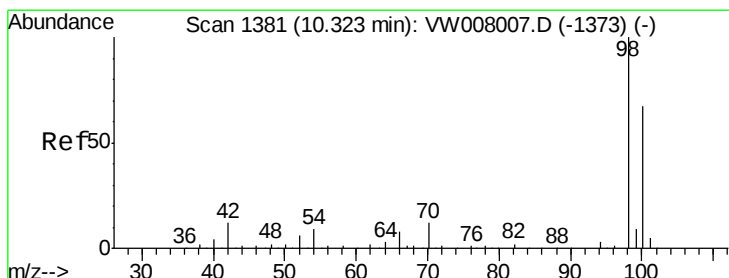
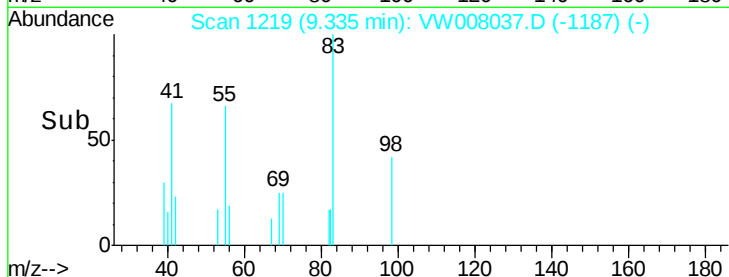
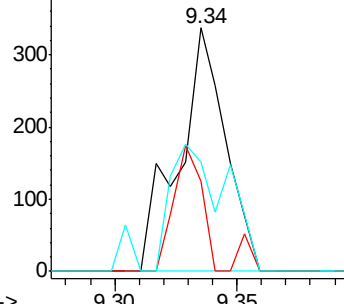
39 61.8 58.7 88.1



Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW



#50

Toluene-d8

Concen: 48.801 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008037.D

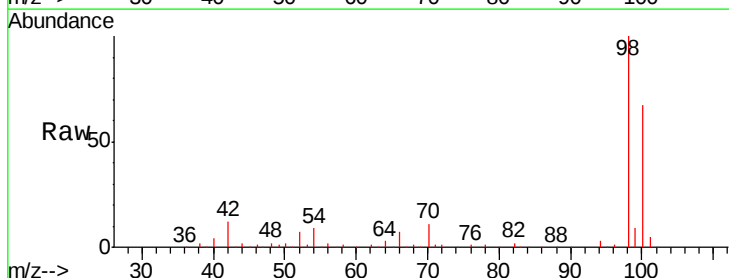
Acq: 03 Jan 2019 22:32

Tgt Ion: 98 Resp: 126671

Ion Ratio Lower Upper

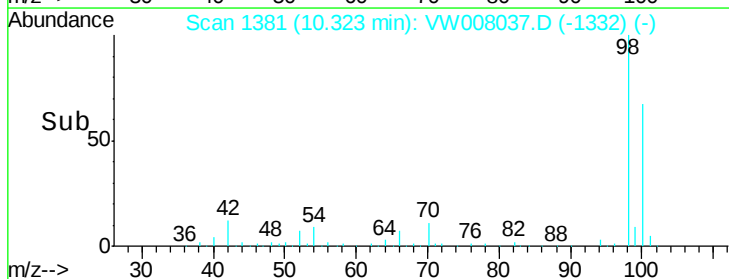
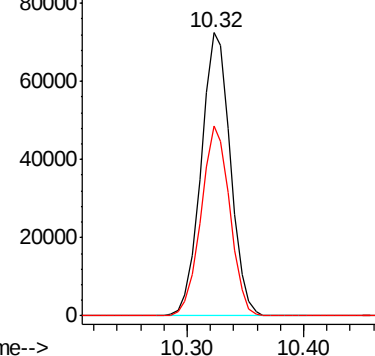
98 100

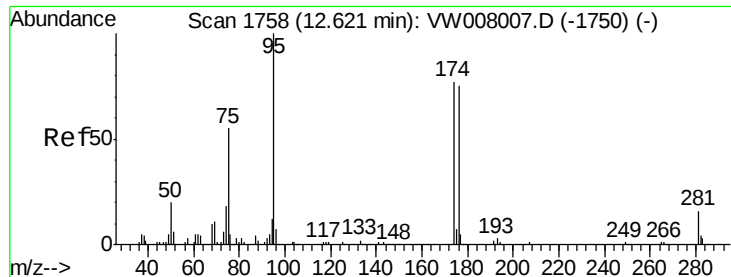
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 42.575 ug/l

RT: 12.61 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008037.D

Acq: 03 Jan 2019 22:32

Instrument :

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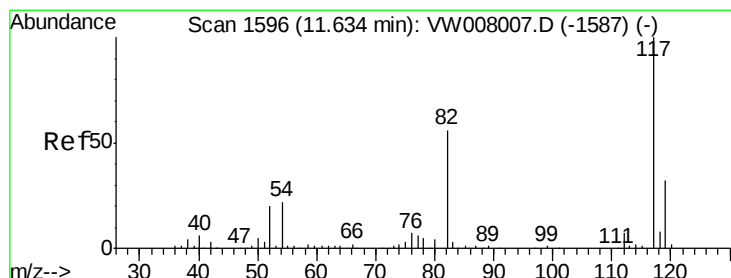
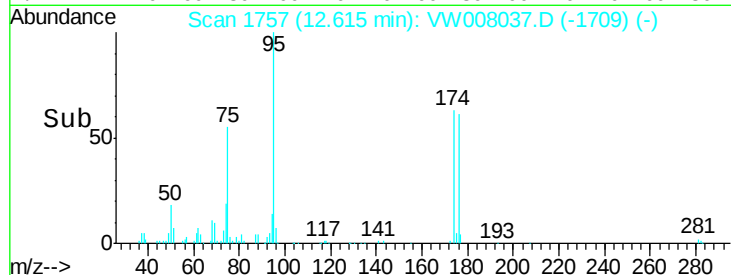
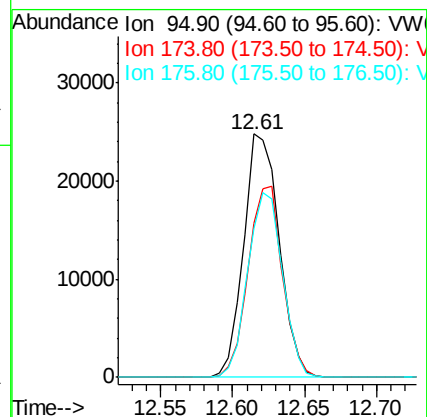
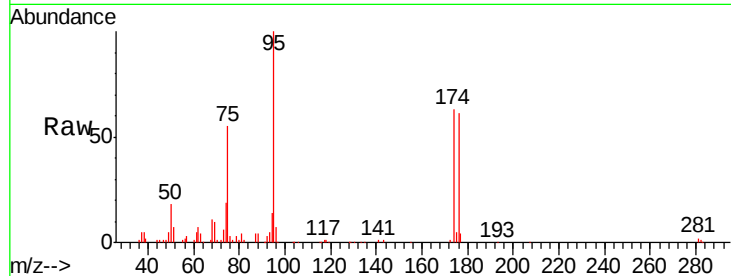
Tgt Ion: 95 Resp: 42381

Ion Ratio Lower Upper

95 100

174 75.8 0.0 149.6

176 74.2 0.0 145.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008037.D

Acq: 03 Jan 2019 22:32

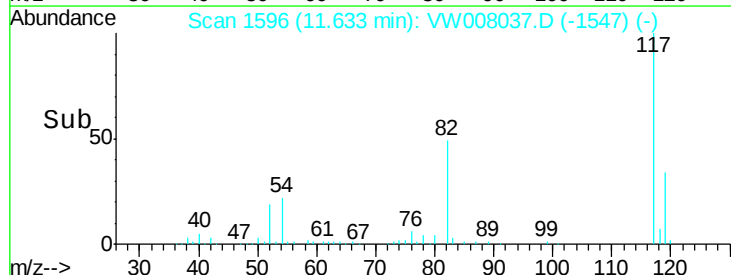
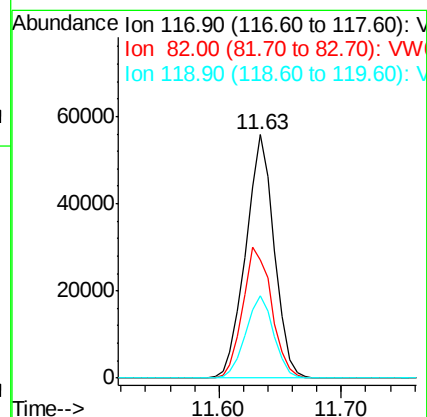
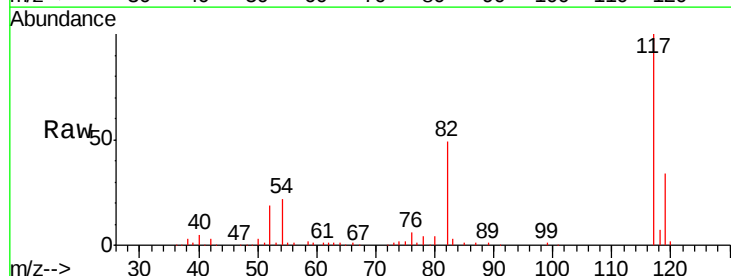
Tgt Ion: 117 Resp: 89951

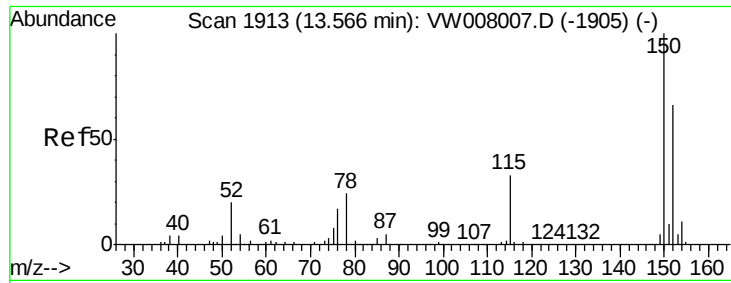
Ion Ratio Lower Upper

117 100

82 48.7 44.8 67.2

119 33.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008037.D

Acq: 03 Jan 2019 22:32

Instrument :

MSVOA_W

ClientSampleId :

AU-05-010219-A

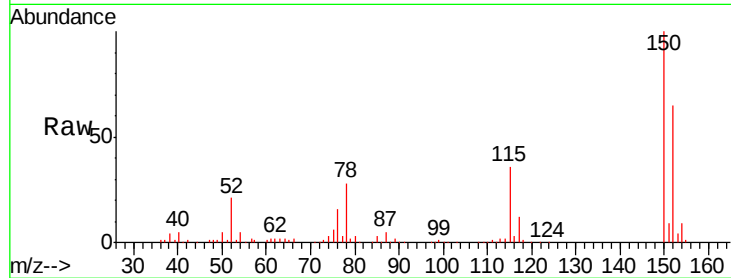
Tgt Ion:152 Resp: 42104

Ion Ratio Lower Upper

152 100

115 62.9 32.1 96.5

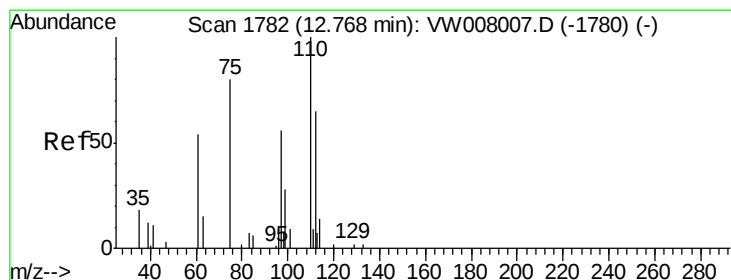
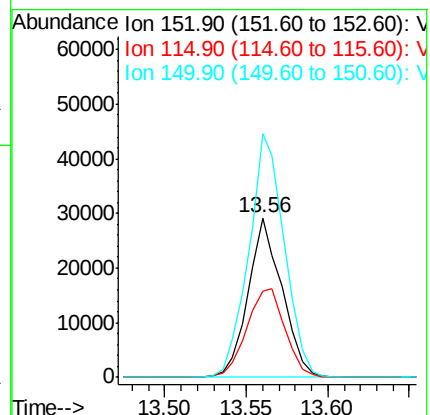
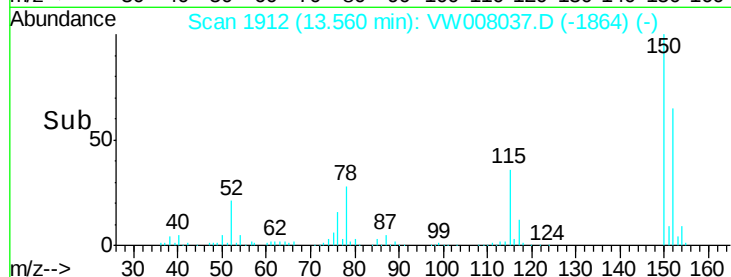
150 160.9 0.0 345.0



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: 71.048 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008037.D

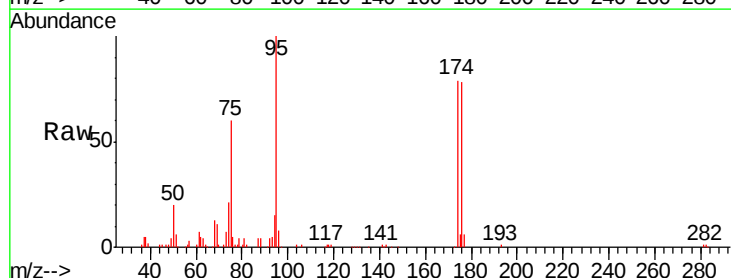
Acq: 03 Jan 2019 22:32

Tgt Ion: 75 Resp: 23798

Ion Ratio Lower Upper

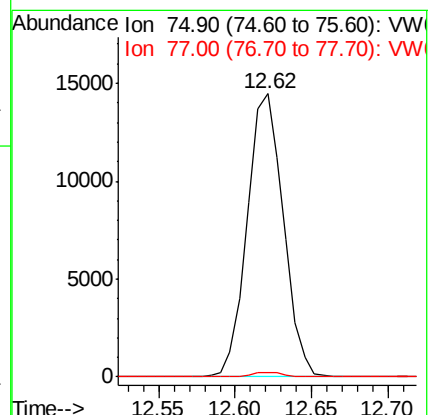
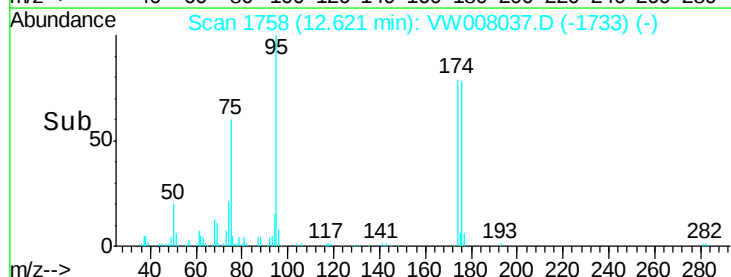
75 100

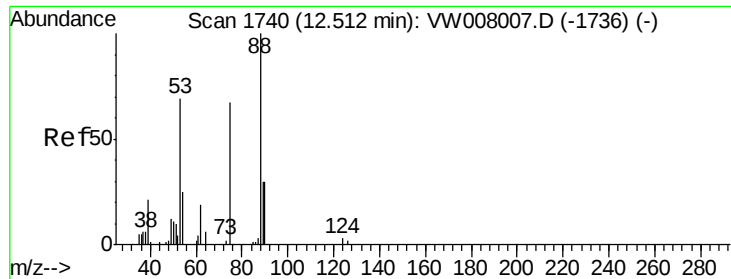
77 1.2 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

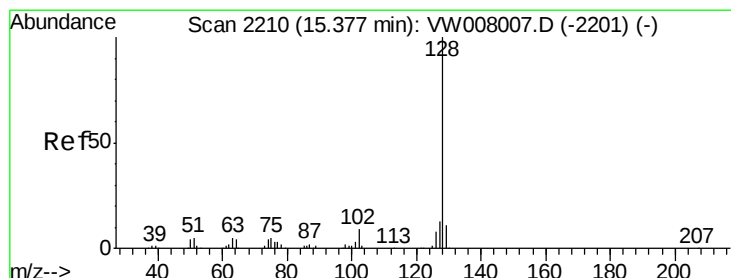
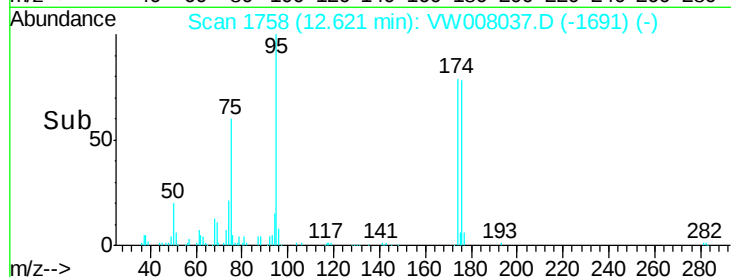
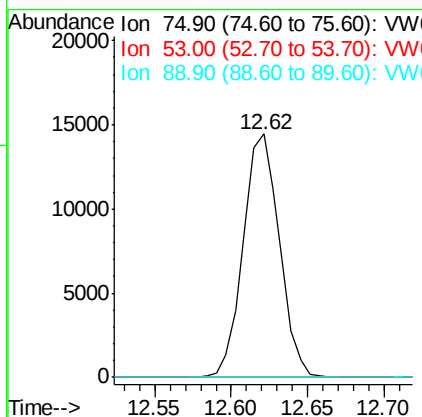
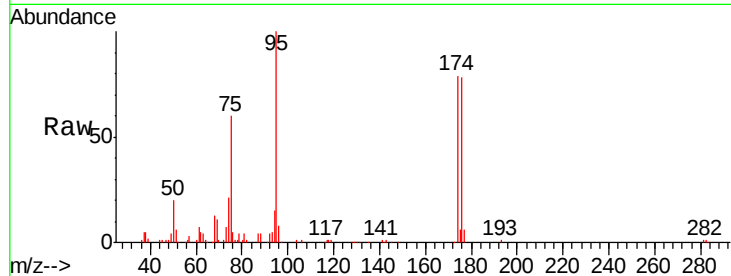




#81
trans-1,4-Dichloro-2-butene
Concen: 168.017 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW008037.D
Acq: 03 Jan 2019 22:32

Instrument :
MSVOA_W
ClientSampleId :
AU-05-010219-A

Tgt Ion: 75 Resp: 23798
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 42.2 63.2#



#95
Naphthalene
Concen: 2.006 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008037.D
Acq: 03 Jan 2019 22:32

Tgt Ion: 128 Resp: 3061
Ion Ratio Lower Upper
128 100
127 14.4 10.8 16.2
129 10.4 8.8 13.2

