

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008057.D
 Acq On : 04 Jan 2019 19:29
 Operator : SY/AP
 Sample : K1062-03
 Misc : 6.47G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Quant Time: Jan 05 00:44:07 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	71555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	119560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	93603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31082	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	42636	53.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.74%	
35) Dibromofluoromethane	7.88	113	36792	48.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.62%	
50) Toluene-d8	10.32	98	139377	49.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	12.62	95	38342	35.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	70.72%	

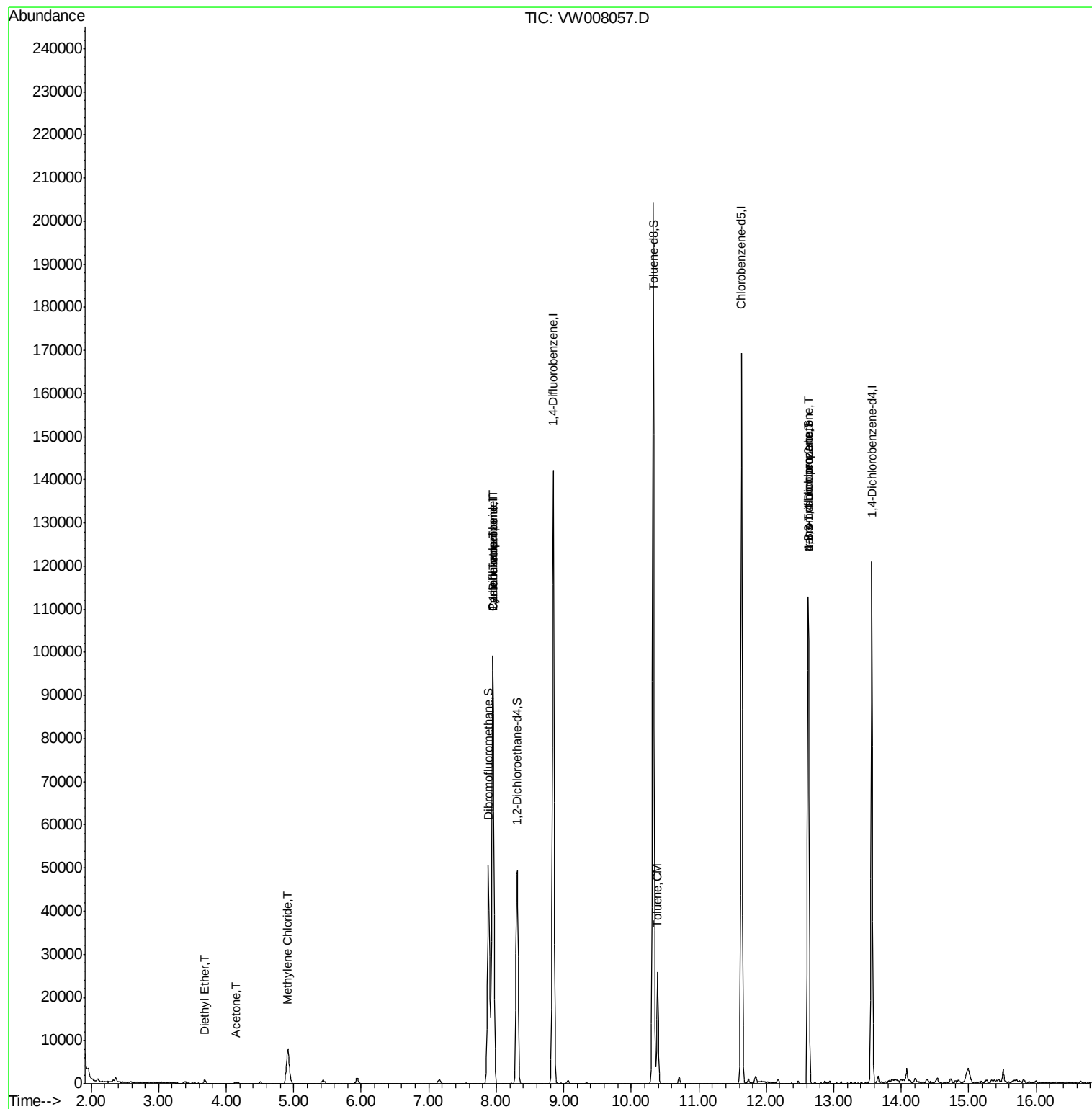
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	367	1.131	ug/l #	45
16) Acetone	4.15	43	716	5.844	ug/l #	48
20) Methylene Chloride	4.91	84	6379	6.369	ug/l	96
31) Cyclohexane	7.95	56	1694	1.400	ug/l #	37
36) 1,1-Dichloropropene	7.95	75	5763	4.886	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7858	5.559	ug/l #	15
52) Toluene	10.39	92	10831	5.273	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	20211	81.736	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	20211	193.292	ug/l #	6

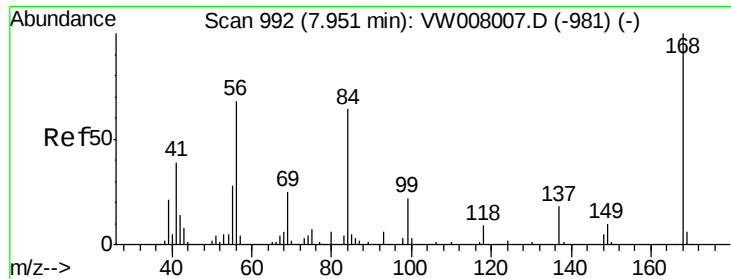
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
Data File : VW008057.D
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Quant Time: Jan 05 00:44:07 2019
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# 992

Delta R.T. 0.00 min

Lab File: VW008057.D

Acq: 04 Jan 2019 19:29

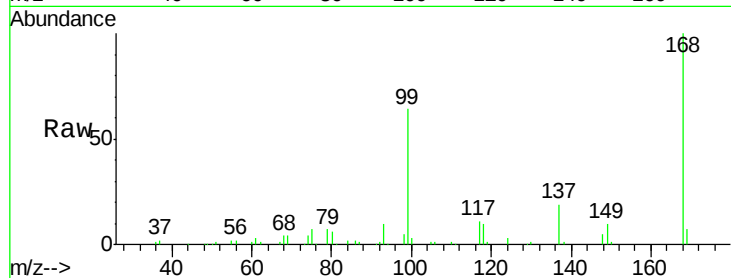
Instrument :
MSVOA_W
ClientSampled :
TP-5

Tot Ion:168 Resp: 71555

Ion Ratio Lower Upper

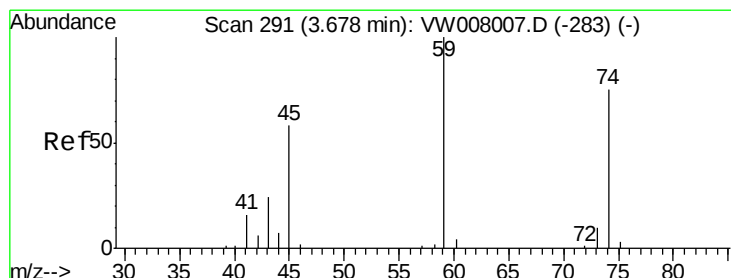
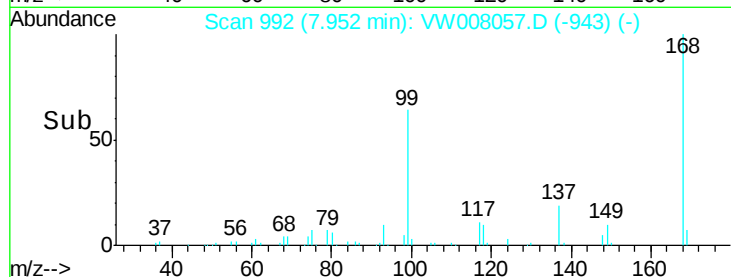
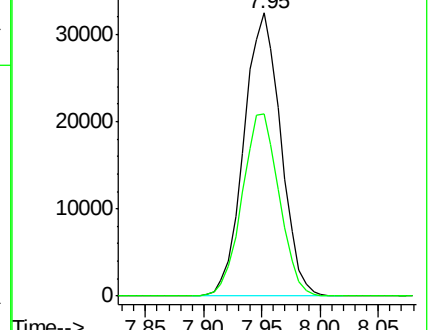
168 100

99 64.3 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.131 ug/l

RT: 3.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VW008057.D

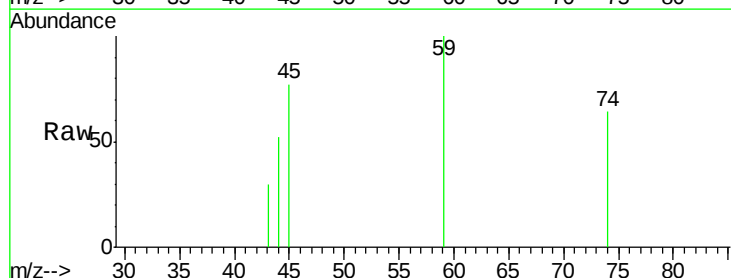
Acq: 04 Jan 2019 19:29

Tgt Ion: 74 Resp: 367

Ion Ratio Lower Upper

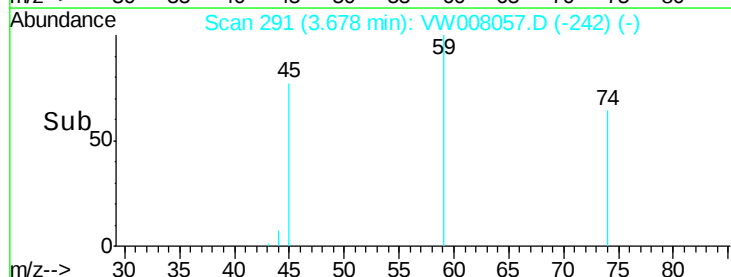
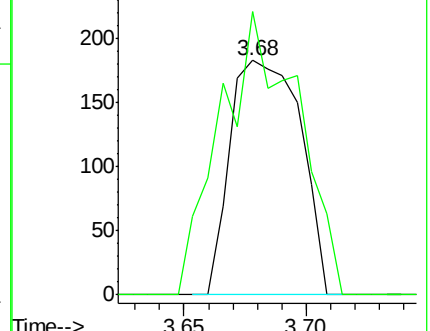
74 100

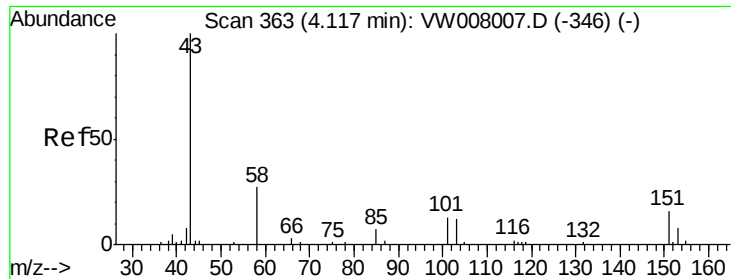
45 132.2 41.4 124.2#



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

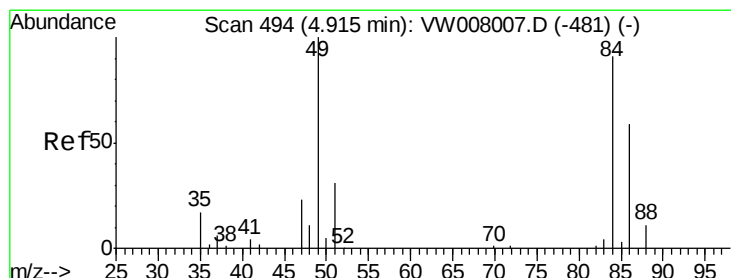
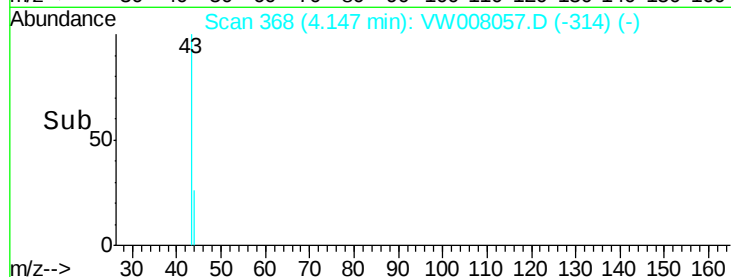
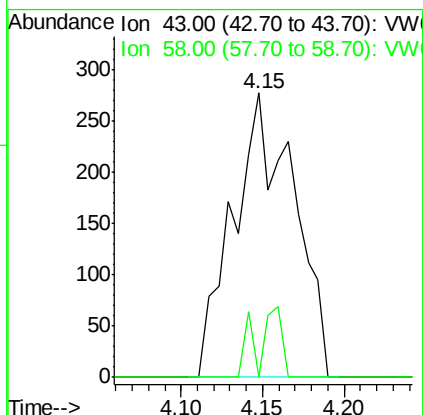
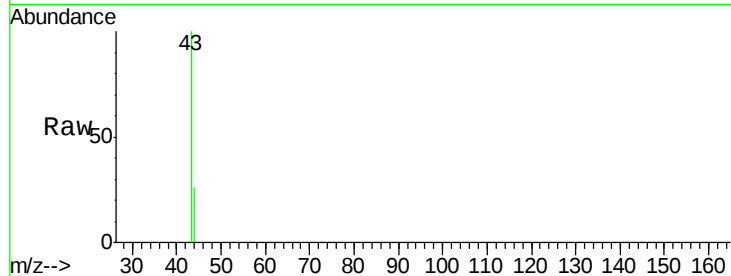




#16
Acetone
Concen: 5.844 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.03 min
Lab File: VW008057.D
Acq: 04 Jan 2019 19:29

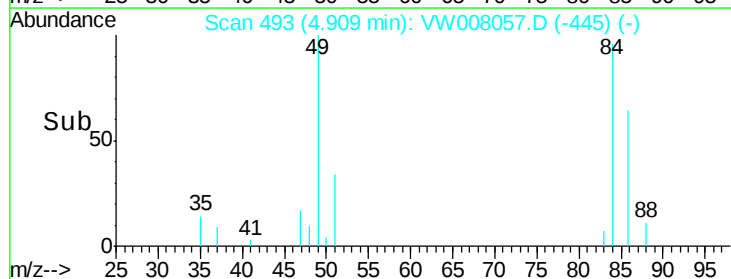
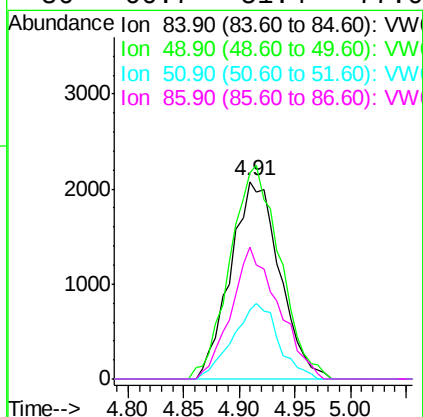
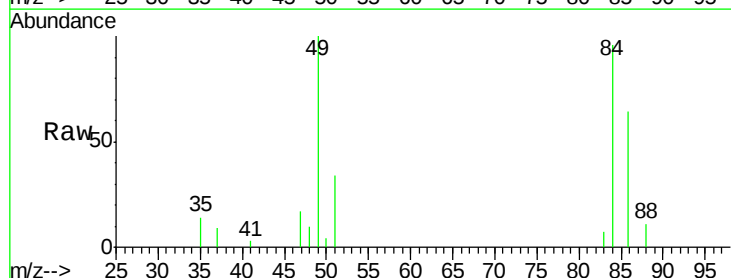
Instrument :
MSVOA_W
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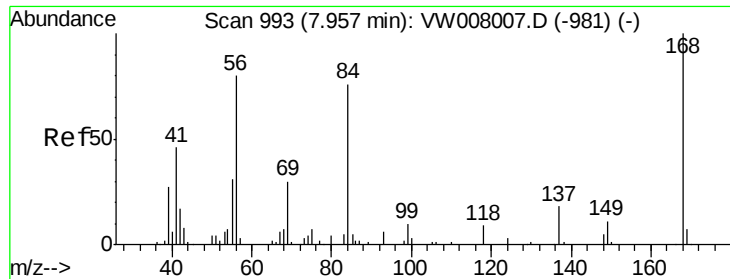
Tot Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5#



#20
Methylene Chloride
Concen: 6.369 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008057.D
Acq: 04 Jan 2019 19:29

Tgt Ion: 84 Resp: 6379
Ion Ratio Lower Upper
84 100
49 104.0 87.7 131.5
51 35.2 27.3 40.9
86 66.7 51.4 77.0

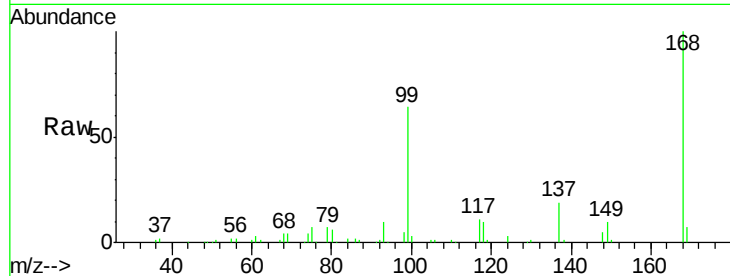




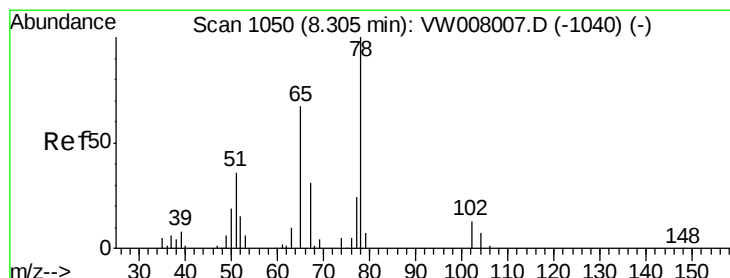
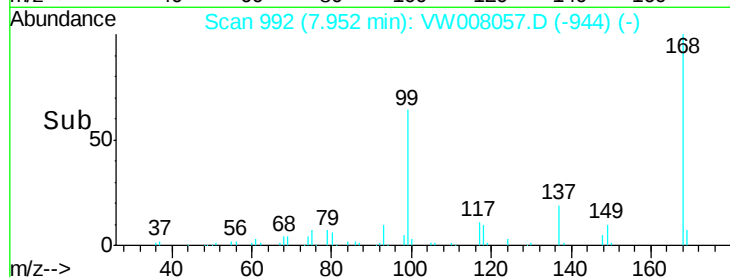
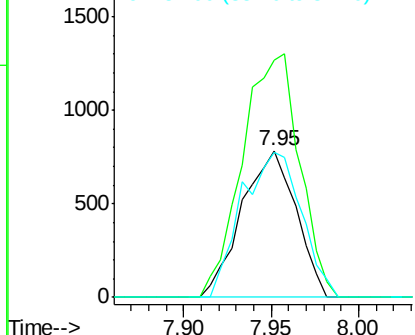
#31
Cyclohexane
Concen: 1.400 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008057.D
Acq: 04 Jan 2019 19:29

Instrument :
MSVOA_W
ClientSampled :
TP-5

Tot Ion: 56 Resp: 1694
Ion Ratio Lower Upper
56 100
69 161.7 29.8 44.6#
84 99.2 75.2 112.8

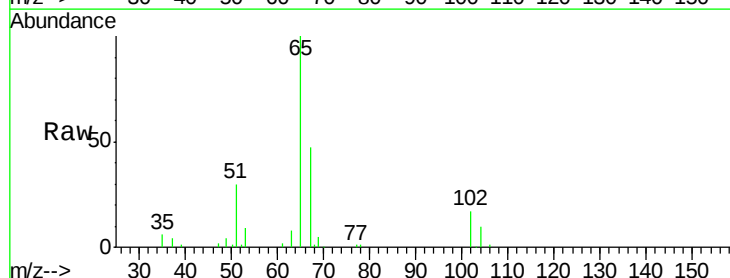


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

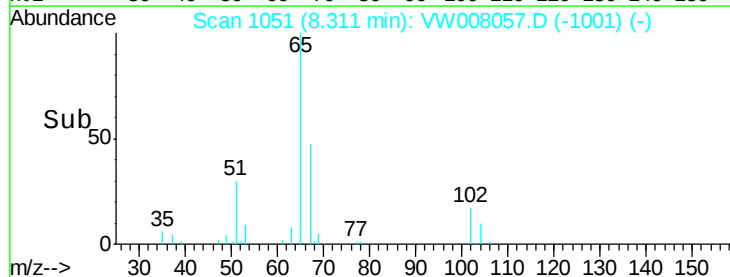
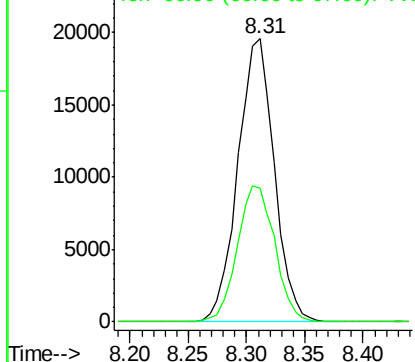


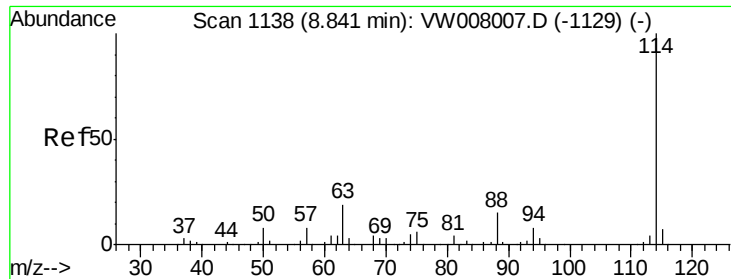
#33
1,2-Dichloroethane-d4
Concen: 53.871 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW008057.D
Acq: 04 Jan 2019 19:29

Tgt Ion: 65 Resp: 42636
Ion Ratio Lower Upper
65 100
67 49.5 0.0 94.8



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

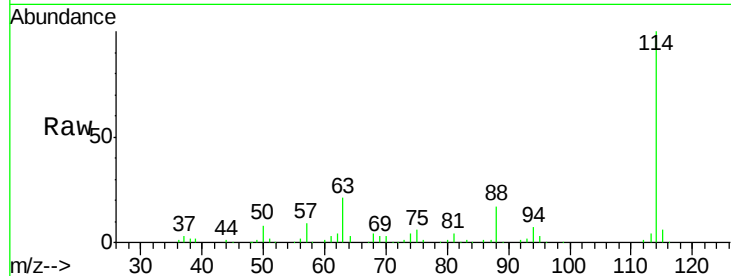




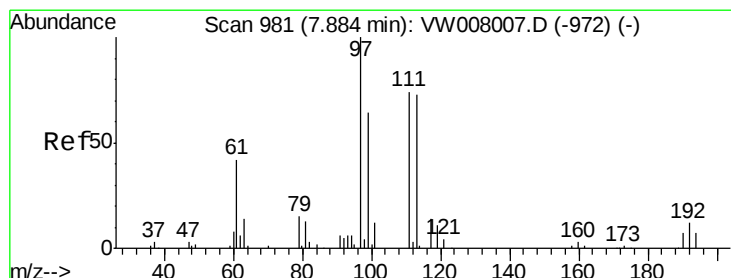
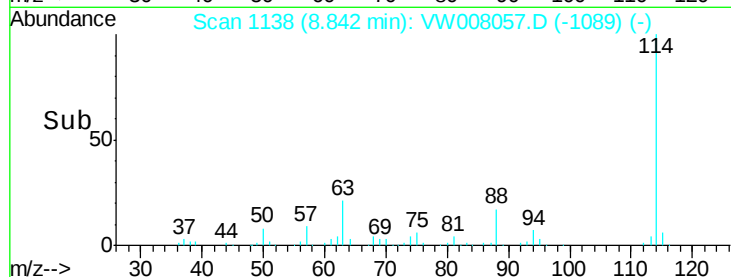
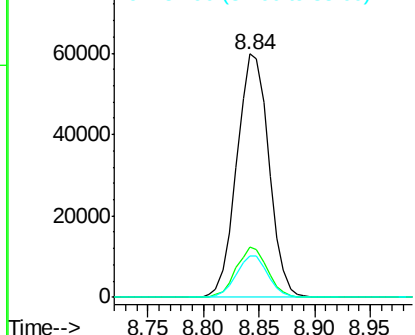
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008057.D
 Acq: 04 Jan 2019 19:29

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Tot Ion:114 Resp: 119560
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.8
 88 17.0 0.0 31.0

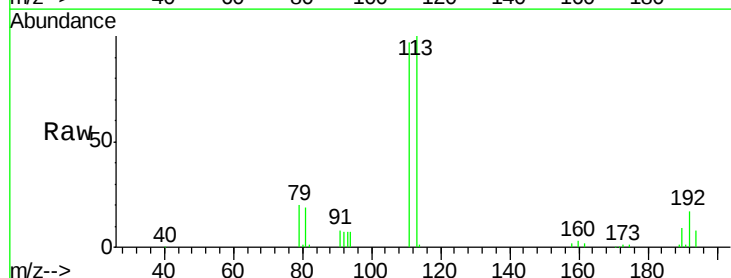


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

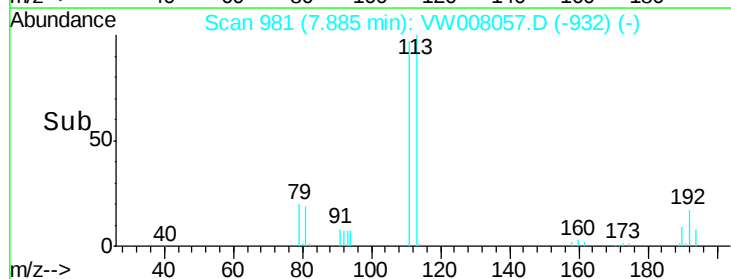
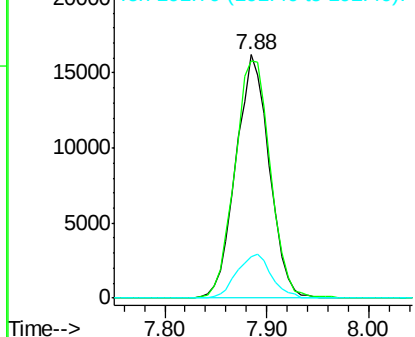


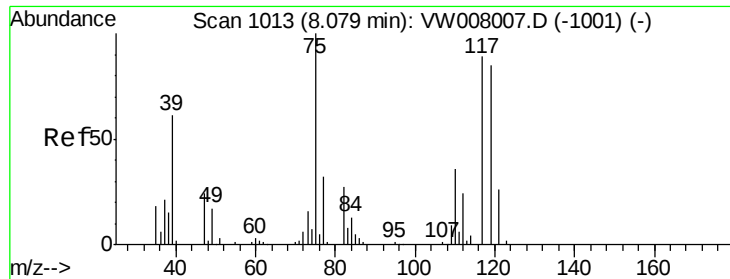
#35
 Dibromofluoromethane
 Concen: 48.814 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008057.D
 Acq: 04 Jan 2019 19:29

Tgt Ion:113 Resp: 36792
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.4 122.0
 192 18.5 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

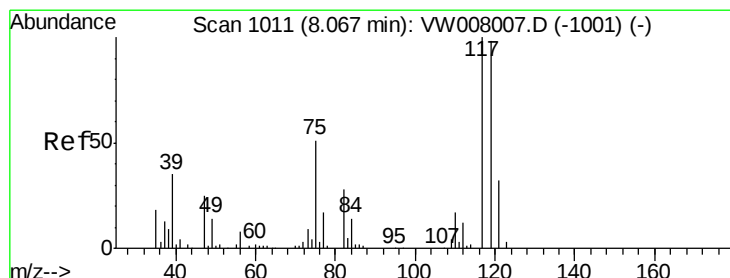
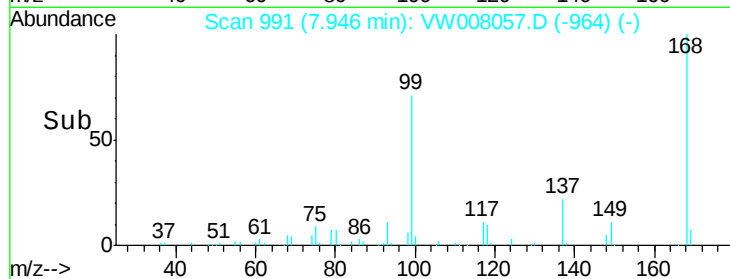
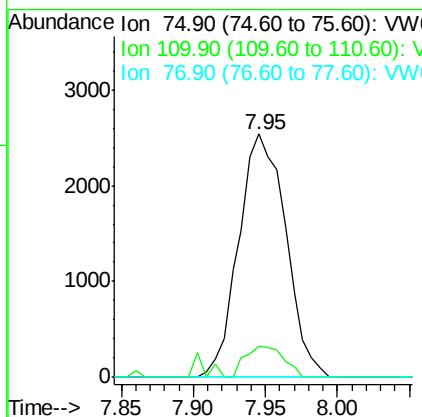
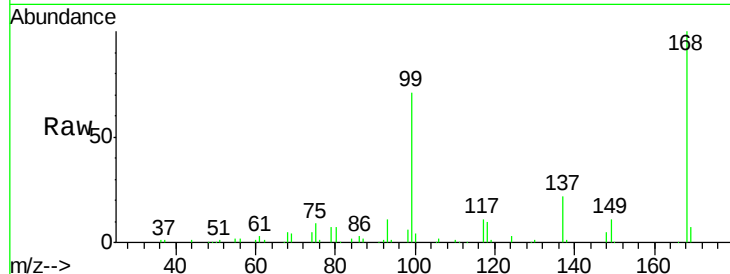




#36
 1,1-Dichloropropene
 Concen: 4.886 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008057.D
 Acq: 04 Jan 2019 19:29

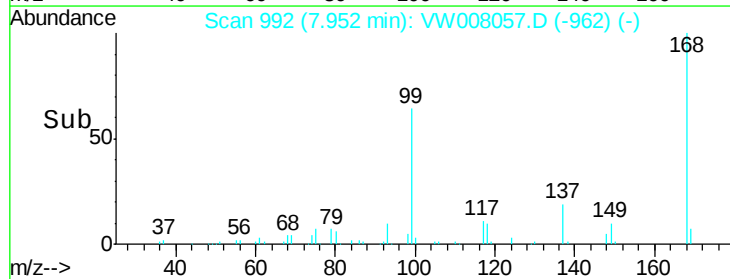
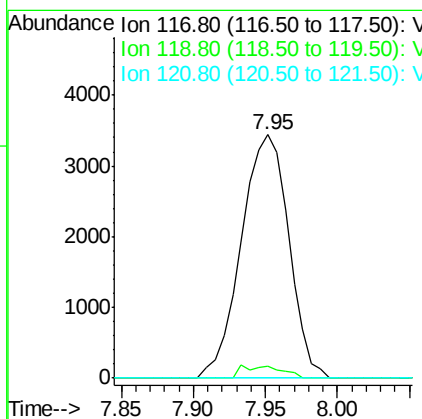
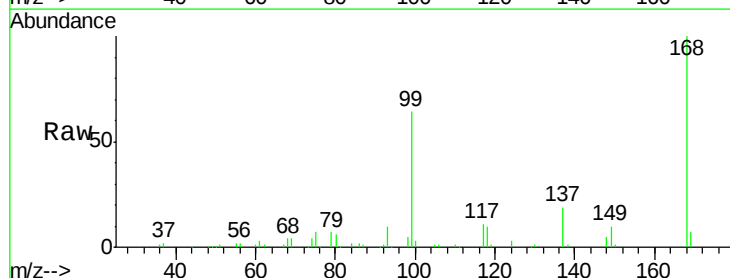
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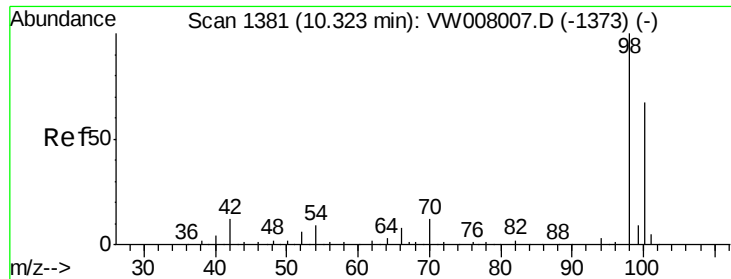
Tot Ion: 75 Resp: 5763
 Ion Ratio Lower Upper
 75 100
 110 10.4 18.1 54.3#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.559 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW008057.D
 Acq: 04 Jan 2019 19:29

Tgt Ion: 117 Resp: 7858
 Ion Ratio Lower Upper
 117 100
 119 4.8 78.7 118.1#
 121 0.0 25.8 38.8#

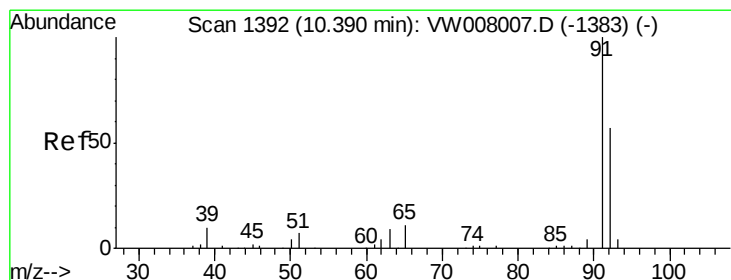
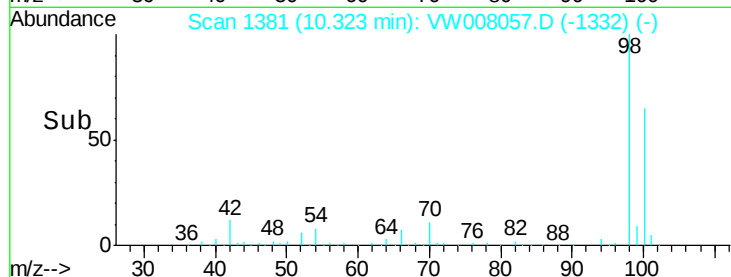
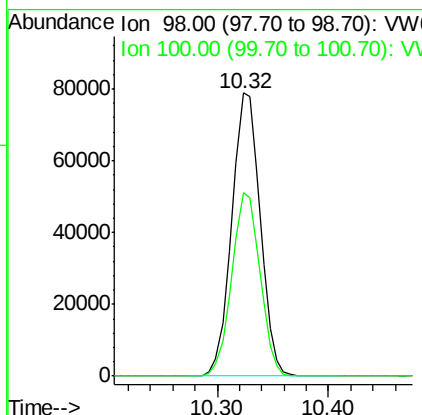
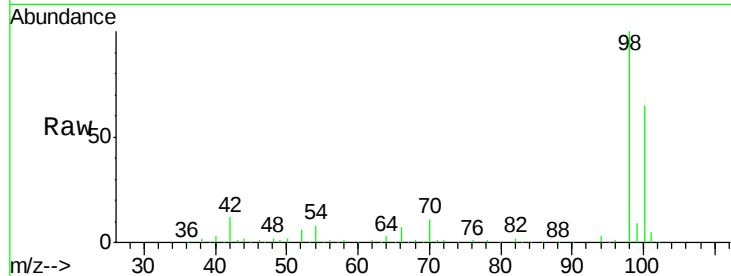




#50
Toluene-d8
Concen: 49.296 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008057.D
Acq: 04 Jan 2019 19:29

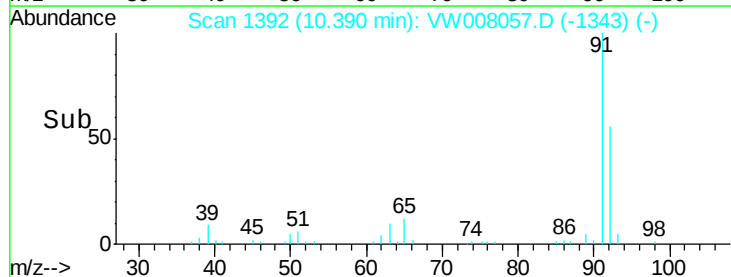
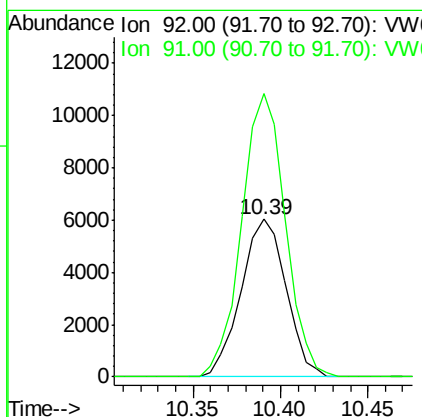
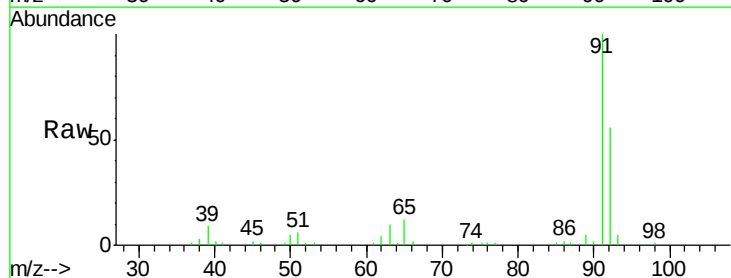
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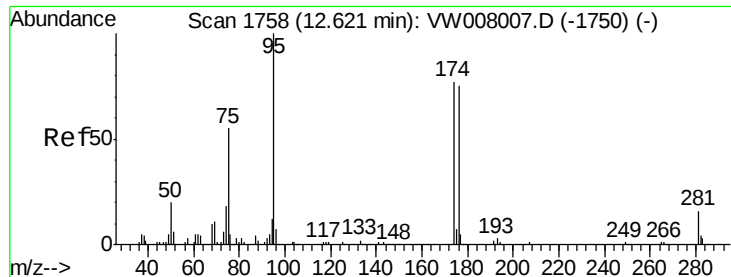
Tot Ion: 98 Resp: 139377
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



#52
Toluene
Concen: 5.273 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008057.D
Acq: 04 Jan 2019 19:29

Tgt Ion: 92 Resp: 10831
Ion Ratio Lower Upper
92 100
91 173.8 136.9 205.3

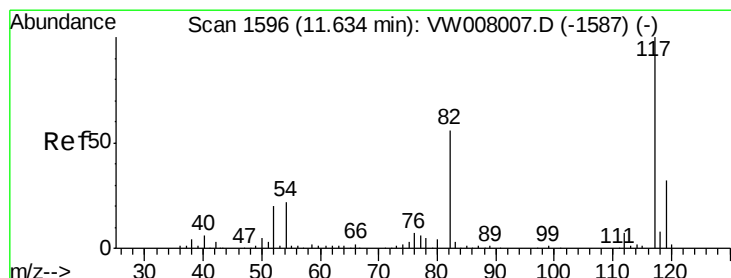
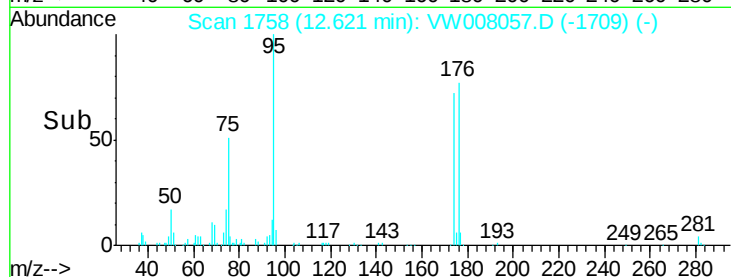
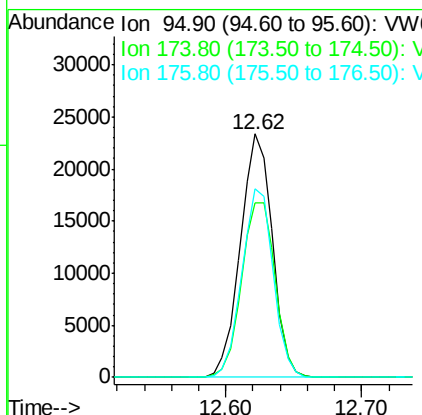
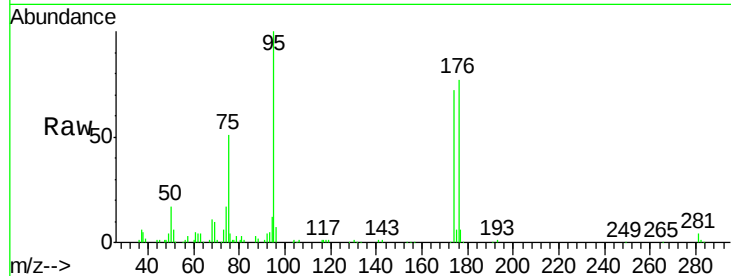




#62
4-Bromofluorobenzene
Concen: 35.361 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008057.D
Acq: 04 Jan 2019 19:29

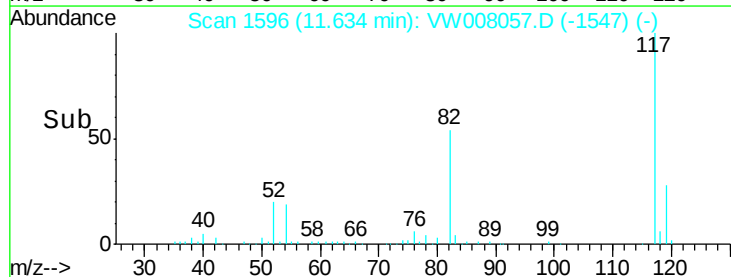
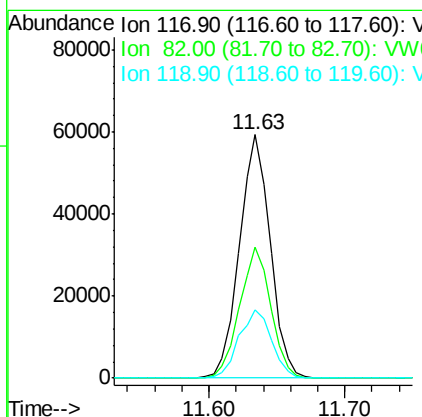
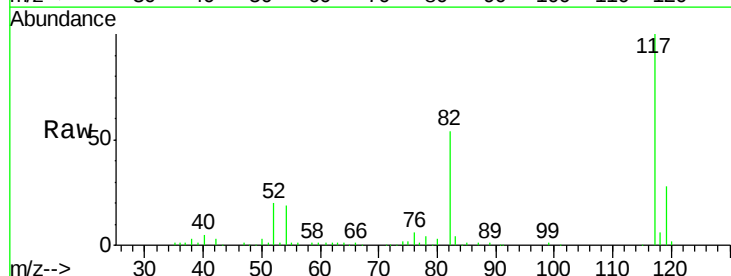
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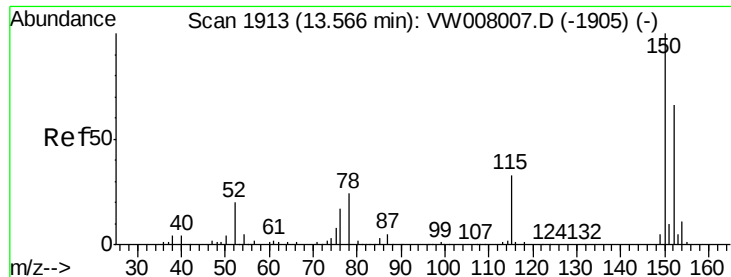
Tot Ion: 95 Resp: 38342
Ion Ratio Lower Upper
95 100
174 75.8 0.0 149.6
176 76.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008057.D
Acq: 04 Jan 2019 19:29

Tgt Ion: 117 Resp: 93603
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 28.2 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: VW008057.D

Acq: 04 Jan 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

TP-5

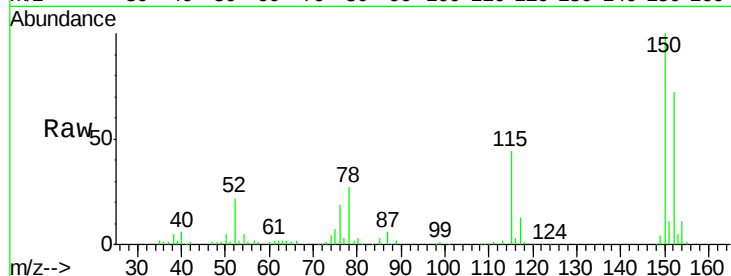
Tot Ion:152 Resp: 31082

Ion Ratio Lower Upper

152 100

115 64.2 32.1 96.5

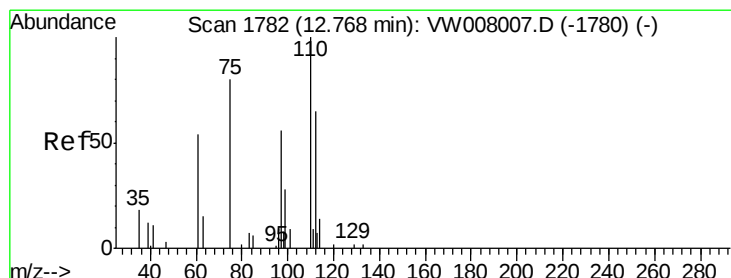
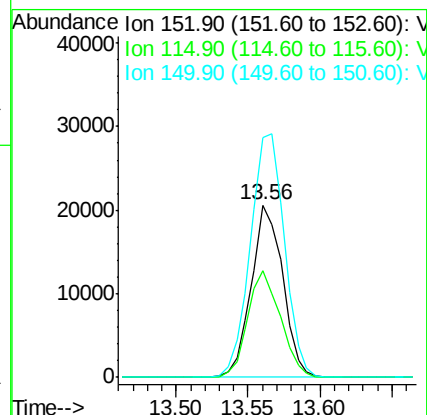
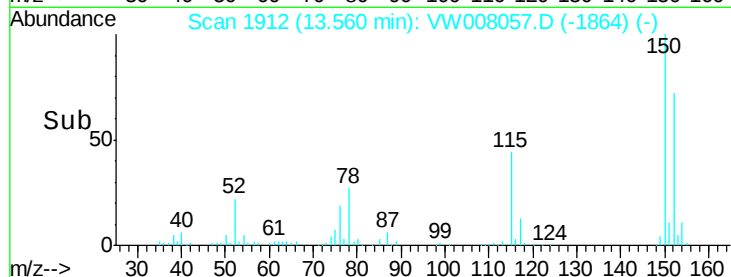
150 152.7 0.0 345.0



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: 81.736 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008057.D

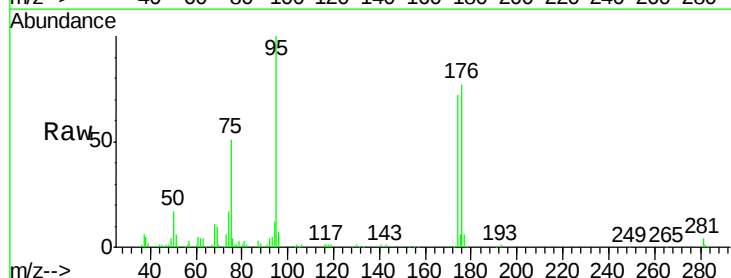
Acq: 04 Jan 2019 19:29

Tgt Ion: 75 Resp: 20211

Ion Ratio Lower Upper

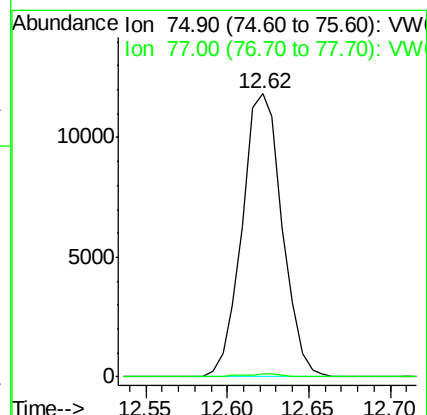
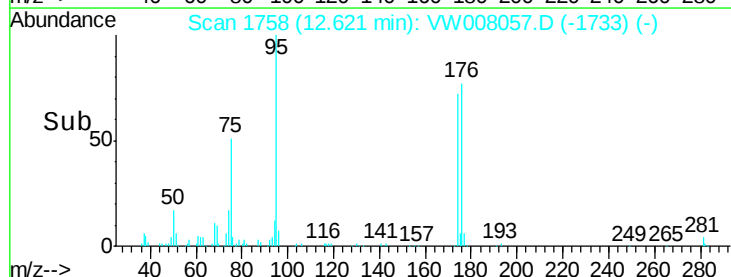
75 100

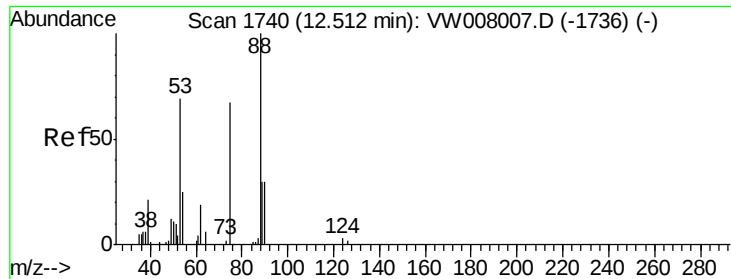
77 1.0 186.2 558.6#



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: 193.292 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008057.D

Acq: 04 Jan 2019 19:29

Instrument :

MSVOA_W

ClientSampleId :

TP-5

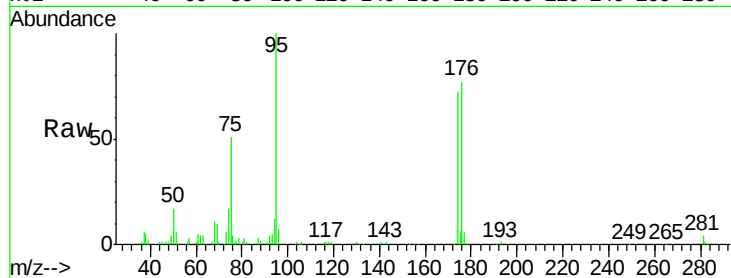
Tot Ion: 75 Resp: 20211

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 42.2 63.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

