

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008025.D
 Acq On : 03 Jan 2019 17:11
 Operator : SY/AP
 Sample : K1017-21
 Misc : 4.09G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-6

Quant Time: Jan 04 00:32:41 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	65950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	114059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	91479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	44280	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	42390	58.11	ug/l	0.00
Spiked Amount 50.000			Recovery =	116.22%		
35) Dibromofluoromethane	7.88	113	35748	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.44%		
50) Toluene-d8	10.32	98	135965	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.82%		
62) 4-Bromofluorobenzene	12.62	95	49008	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.76%		

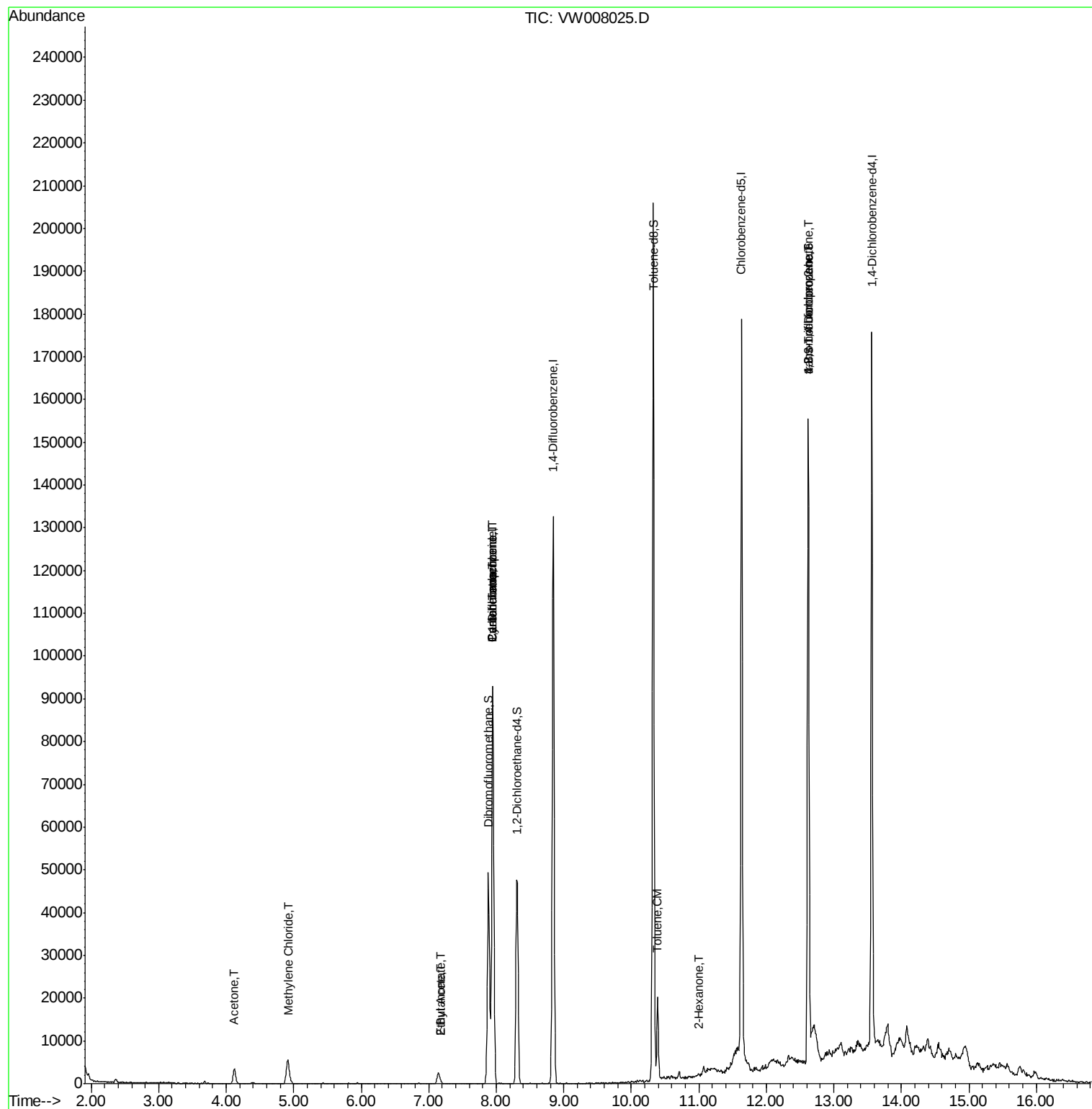
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	6214	55.032	ug/l	92
20) Methylene Chloride	4.92	84	4949	4.966	ug/l #	88
25) 2-Butanone	7.18	43	493	3.706	ug/l #	45
31) Cyclohexane	7.95	56	1424	1.277	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	5263	4.678	ug/l #	52
37) Ethyl Acetate	7.18	43	493	1.459	ug/l #	67
38) Carbon Tetrachloride	7.95	117	7389	5.480	ug/l #	16
52) Toluene	10.39	92	7954	4.059	ug/l	92
59) 2-Hexanone	10.99	43	329	1.525	ug/l #	25
76) 1,2,3-Trichloropropane	12.62	75	26692	75.772	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	26692	179.188	ug/l #	6

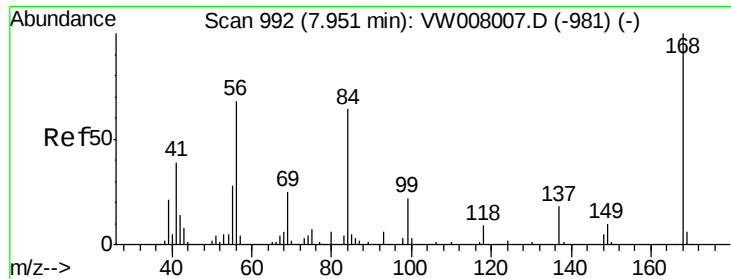
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
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TP-6

Quant Time: Jan 04 00:32:41 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: VW008025.D

Acq: 03 Jan 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

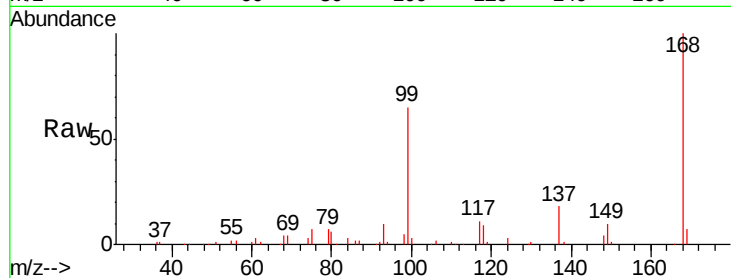
TP-6

Tgt Ion: 168 Resp: 65950

Ion Ratio Lower Upper

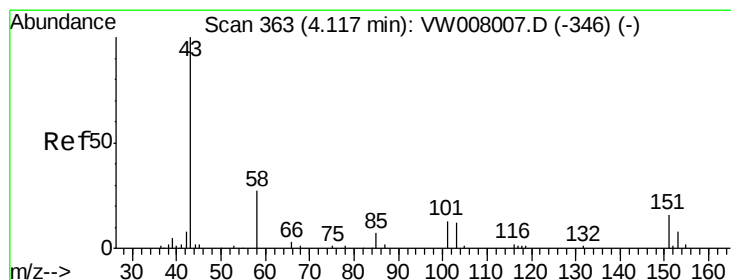
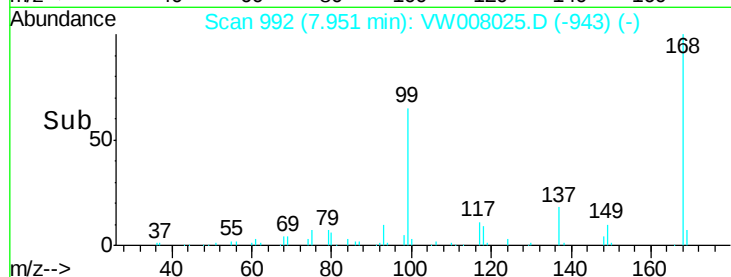
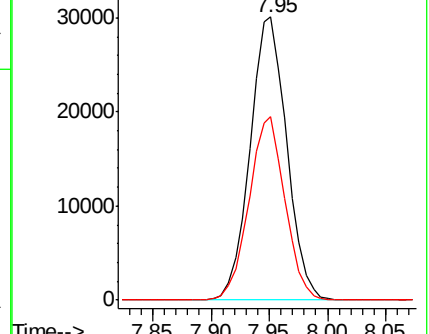
168 100

99 65.0 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 55.032 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008025.D

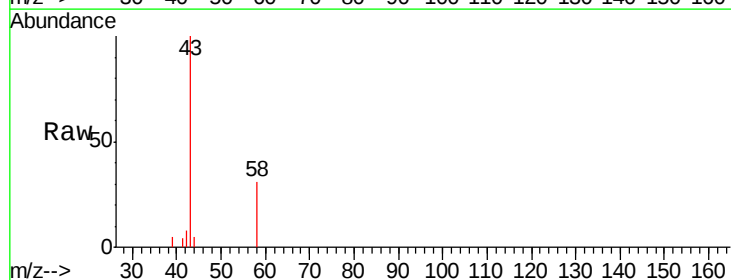
Acq: 03 Jan 2019 17:11

Tgt Ion: 43 Resp: 6214

Ion Ratio Lower Upper

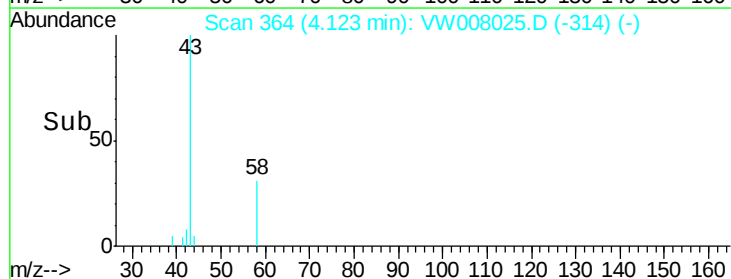
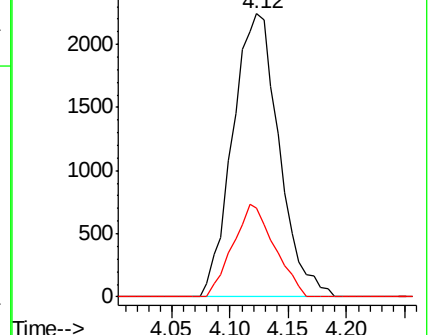
43 100

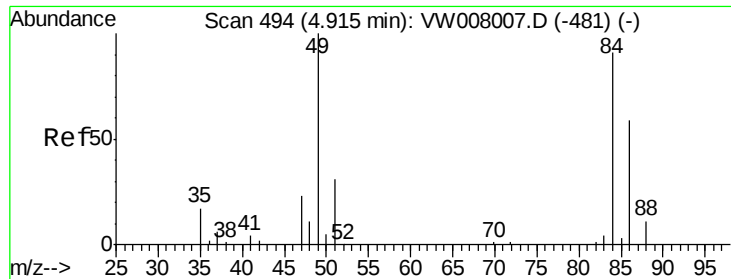
58 31.3 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

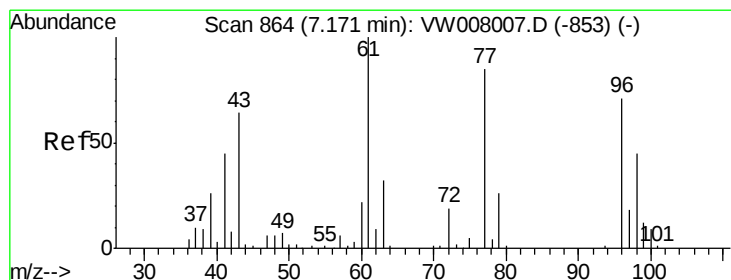
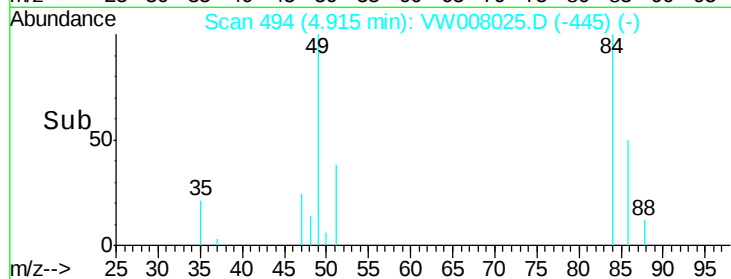
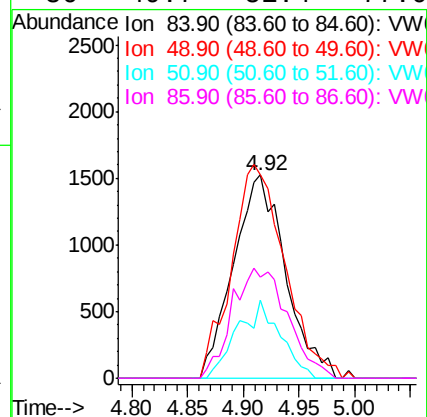
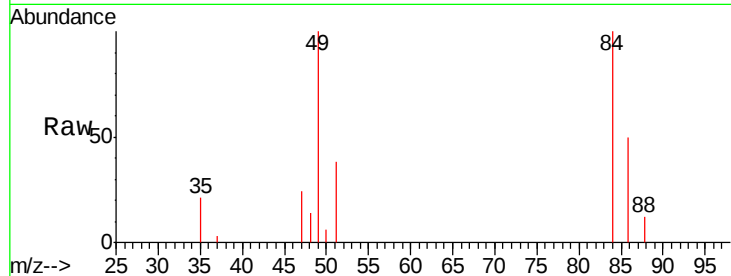




#20
Methylene Chloride
Concen: 4.966 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008025.D
Acq: 03 Jan 2019 17:11

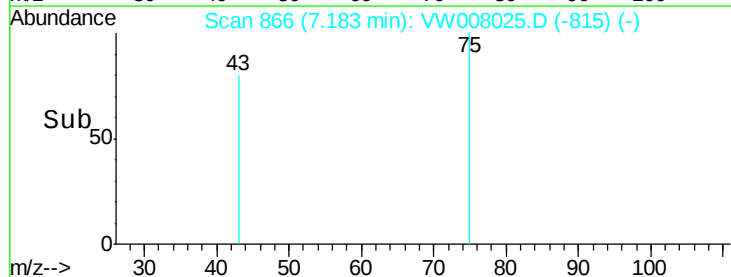
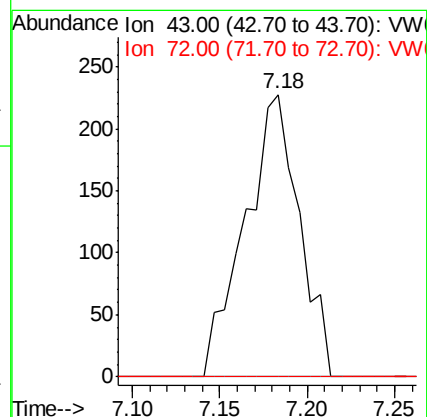
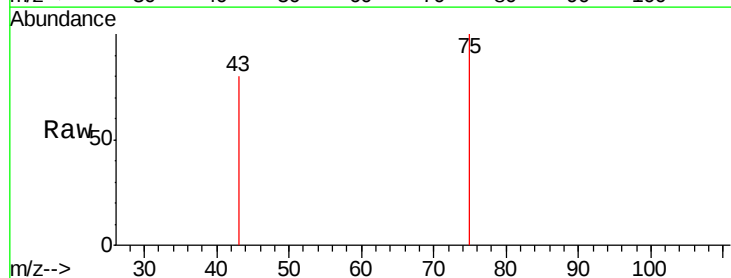
Instrument :
MSVOA_W
ClientSampled :
TP-6

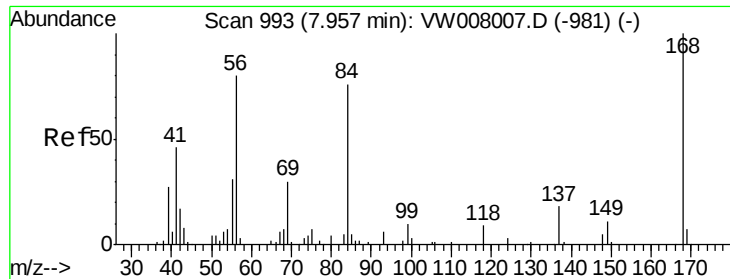
Tgt Ion: 84 Resp: 4949
Ion Ratio Lower Upper
84 100
49 100.1 87.7 131.5
51 38.4 27.3 40.9
86 49.7 51.4 77.0#



#25
2-Butanone
Concen: 3.706 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW008025.D
Acq: 03 Jan 2019 17:11

Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
72 0.0 23.8 35.8#

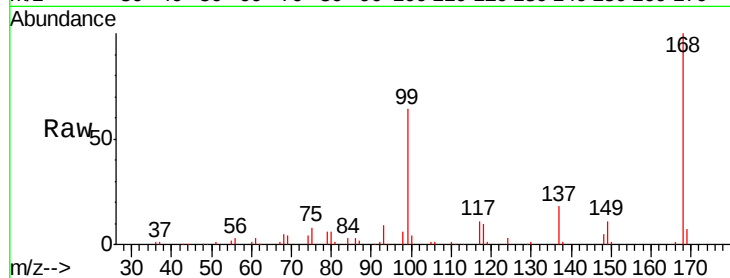




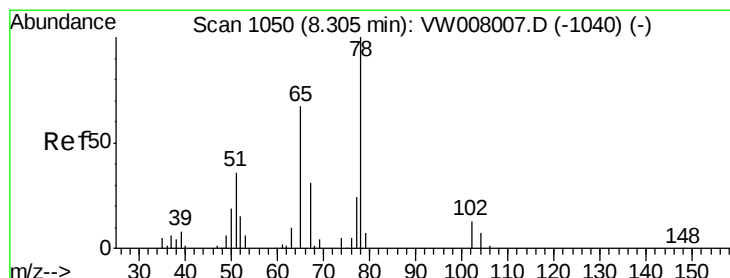
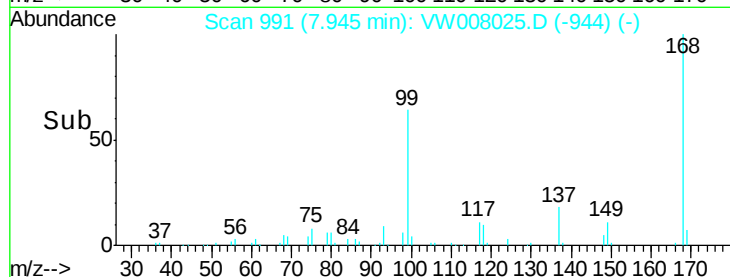
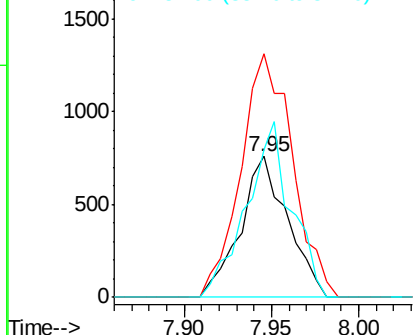
#31
Cyclohexane
Concen: 1.277 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008025.D
Acq: 03 Jan 2019 17:11

Instrument :
MSVOA_W
ClientSampled :
TP-6

Tgt Ion: 56 Resp: 1424
Ion Ratio Lower Upper
56 100
69 173.1 29.8 44.6#
84 104.6 75.2 112.8

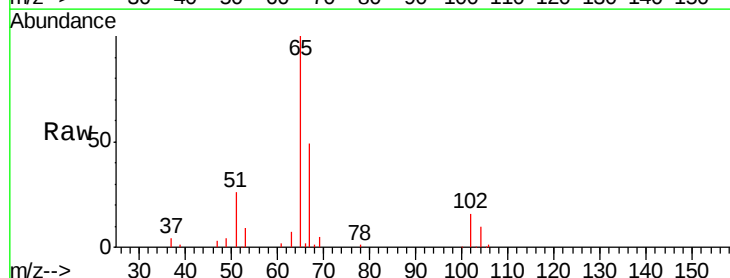


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

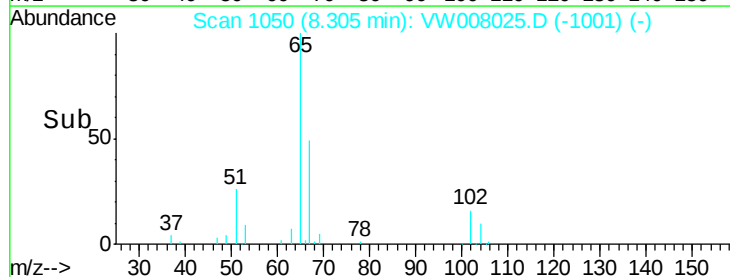
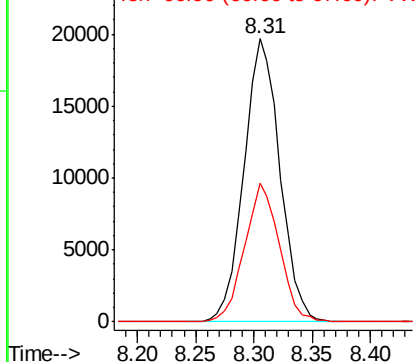


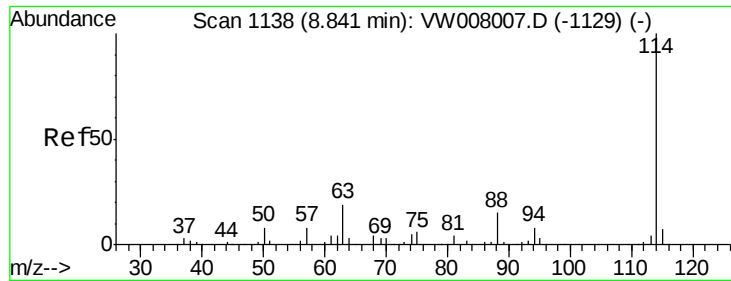
#33
1,2-Dichloroethane-d4
Concen: 58.113 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008025.D
Acq: 03 Jan 2019 17:11

Tgt Ion: 65 Resp: 42390
Ion Ratio Lower Upper
65 100
67 47.4 0.0 94.8



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

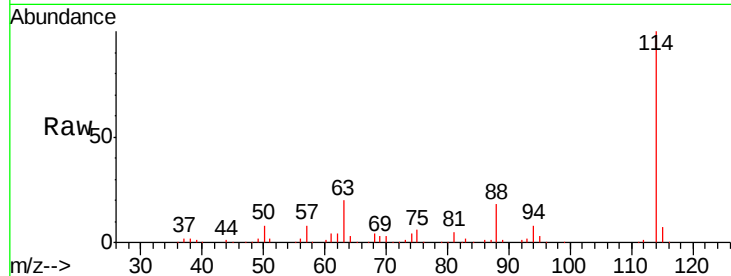




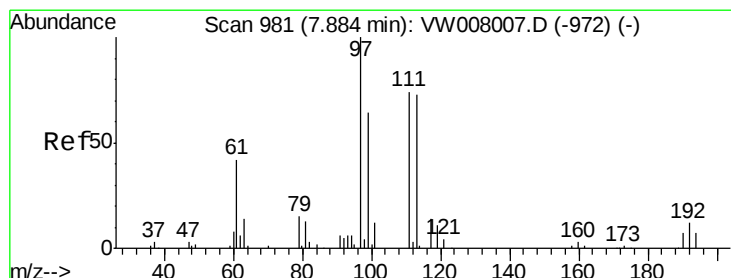
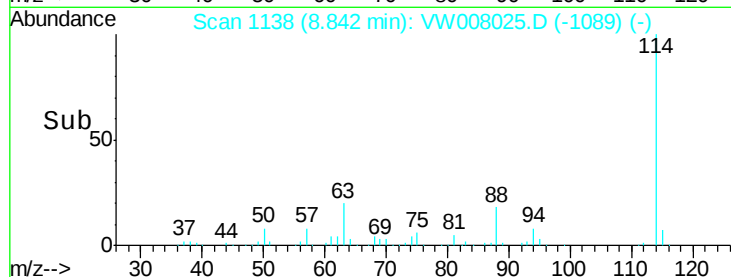
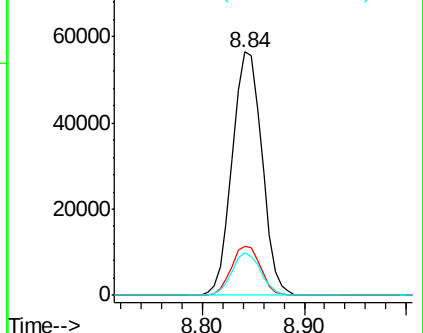
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008025.D
Acq: 03 Jan 2019 17:11

Instrument :
MSVOA_W
ClientSampleId :
TP-6

Tgt Ion:114 Resp: 114059
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.8
88 17.5 0.0 31.0

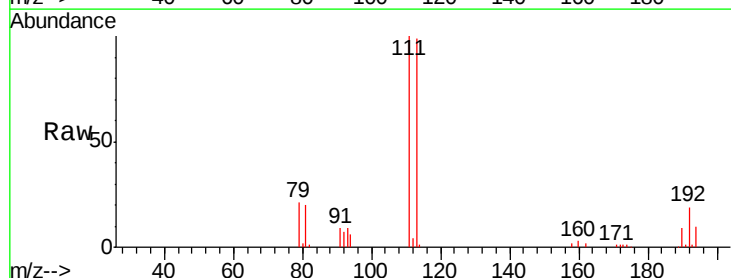


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

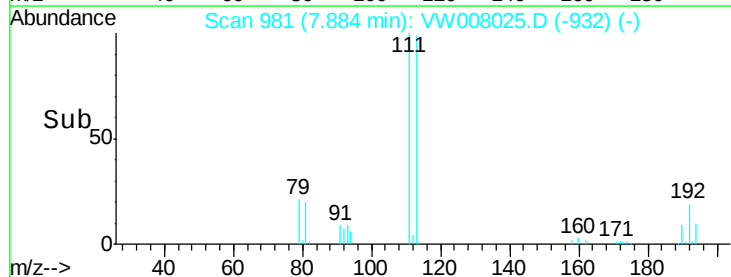
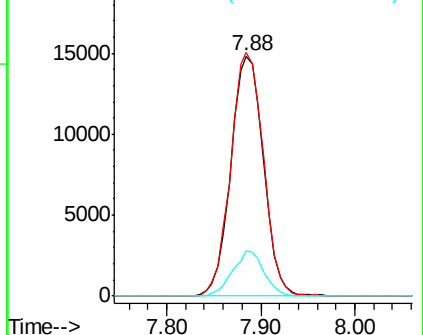


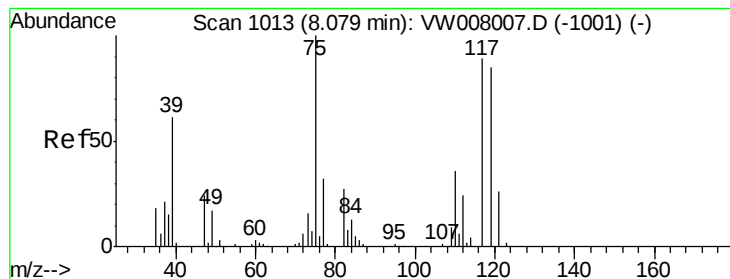
#35
Dibromofluoromethane
Concen: 49.717 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008025.D
Acq: 03 Jan 2019 17:11

Tgt Ion:113 Resp: 35748
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 18.0 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: 4.678 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW008025.D

Acq: 03 Jan 2019 17:11

Instrument :

MSVOA_W

ClientSampled :

TP-6

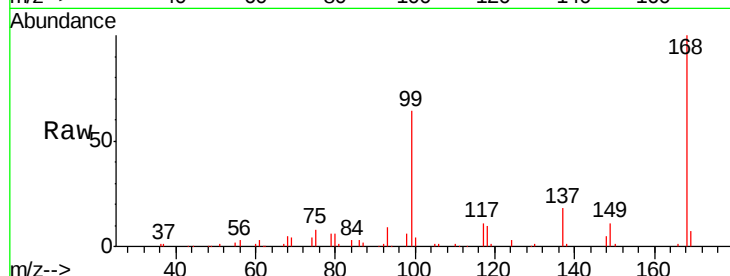
Tgt Ion: 75 Resp: 5263

Ion Ratio Lower Upper

75 100

110 12.6 18.1 54.3#

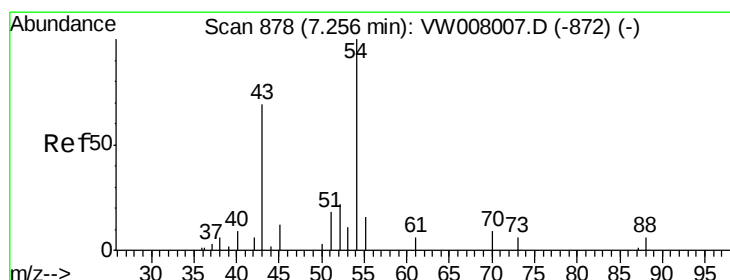
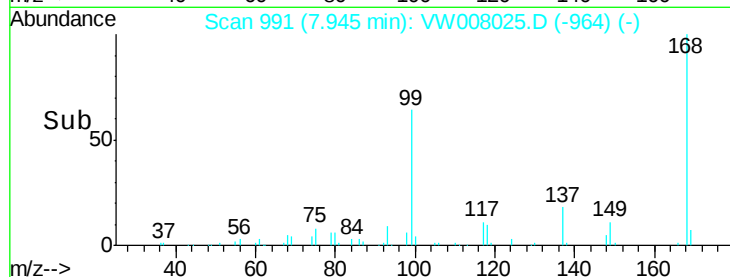
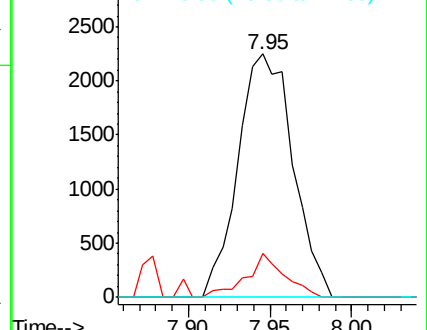
77 0.0 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): VW

Ion 76.90 (76.60 to 77.60): VW



#37

Ethyl Acetate

Concen: 1.459 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.07 min

Lab File: VW008025.D

Acq: 03 Jan 2019 17:11

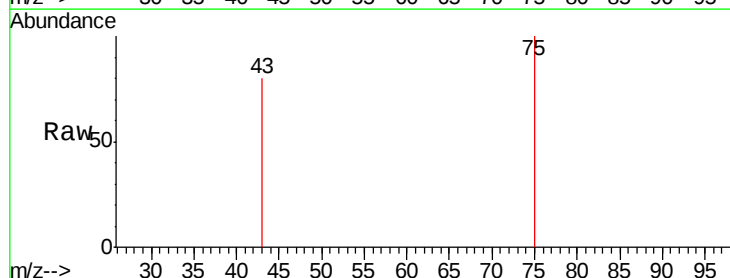
Tgt Ion: 43 Resp: 493

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.2#

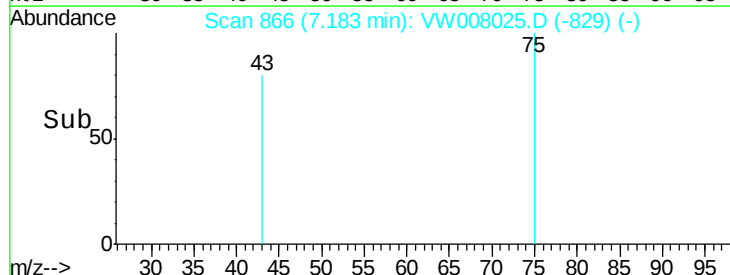
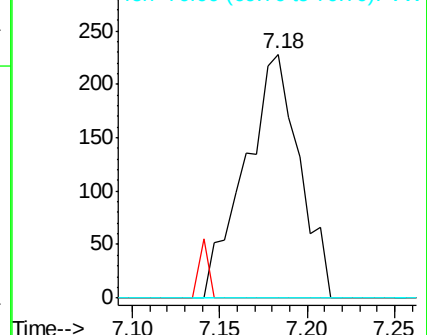
70 0.0 9.4 14.0#

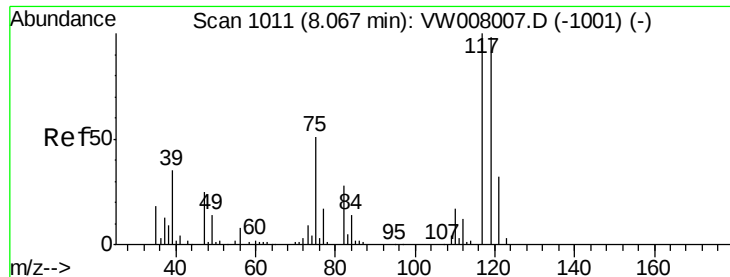


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW

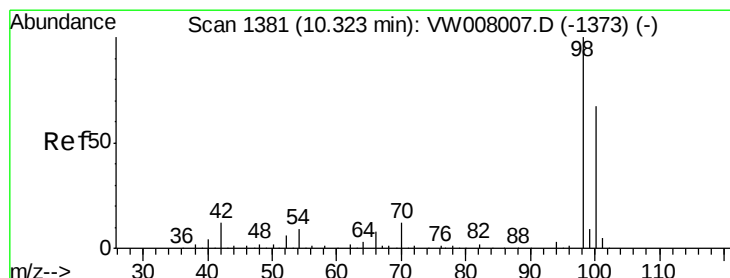
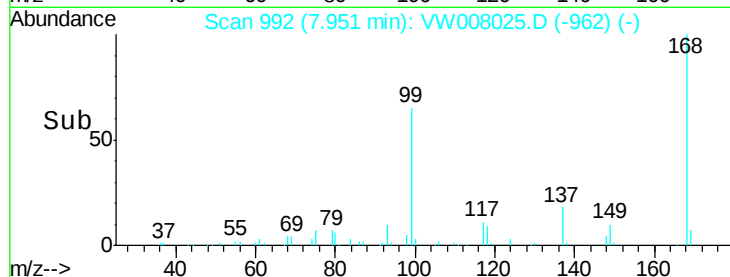
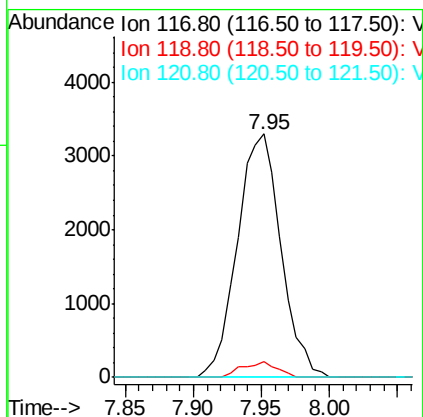
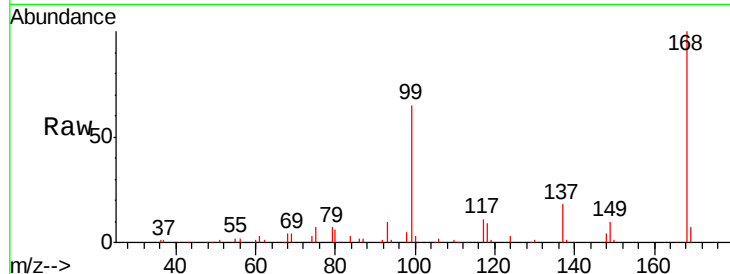




#38
Carbon Tetrachloride
Concen: 5.480 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008025.D
Acq: 03 Jan 2019 17:11

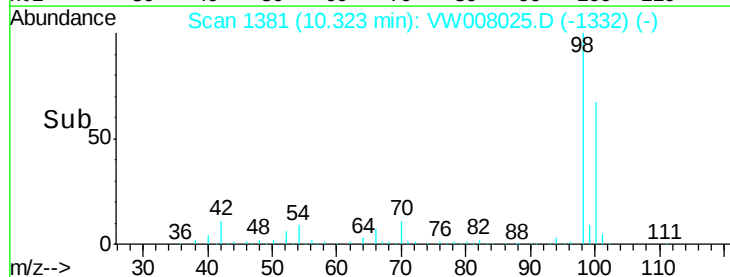
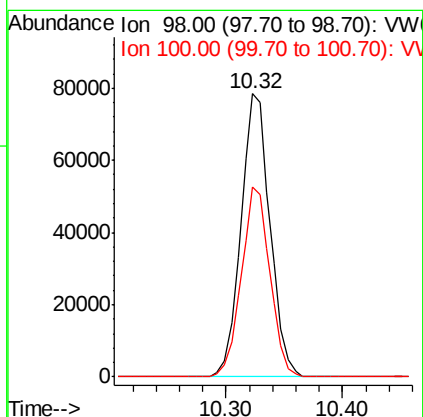
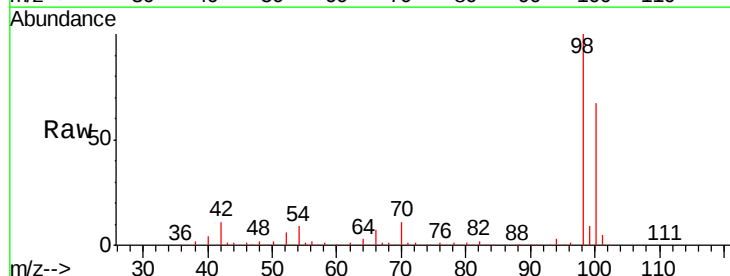
Instrument :
MSVOA_W
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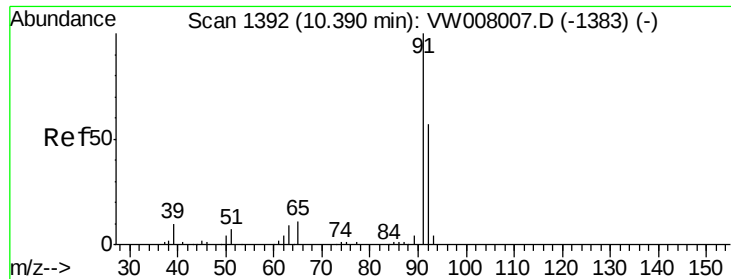
Tgt Ion: 117 Resp: 7389
Ion Ratio Lower Upper
117 100
119 6.6 78.7 118.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 50.408 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008025.D
Acq: 03 Jan 2019 17:11

Tgt Ion: 98 Resp: 135965
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3





#52

Toluene

Concen: 4.059 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008025.D

Acq: 03 Jan 2019 17:11

Instrument :

MSVOA_W

ClientSampled :

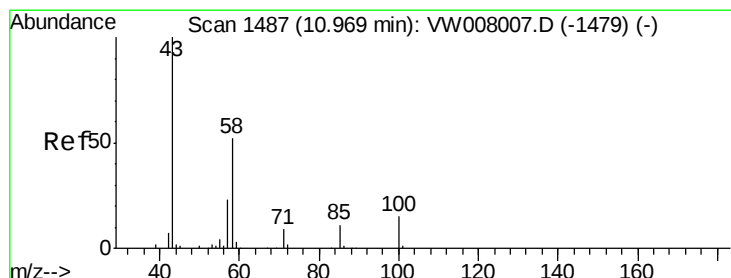
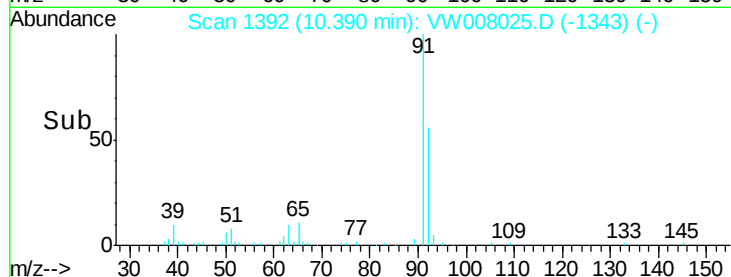
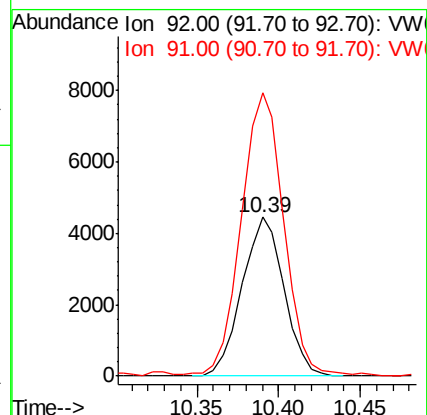
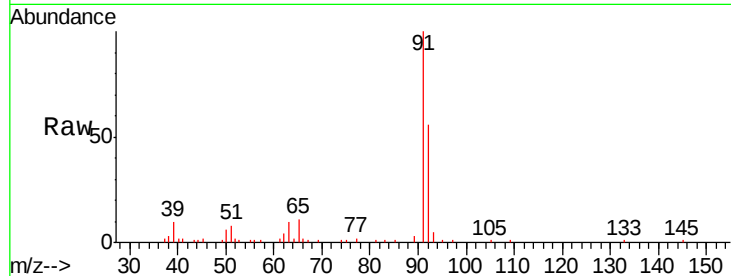
TP-6

Tgt Ion: 92 Resp: 7954

Ion Ratio Lower Upper

92 100

91 181.9 136.9 205.3



#59

2-Hexanone

Concen: 1.525 ug/l

RT: 10.99 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW008025.D

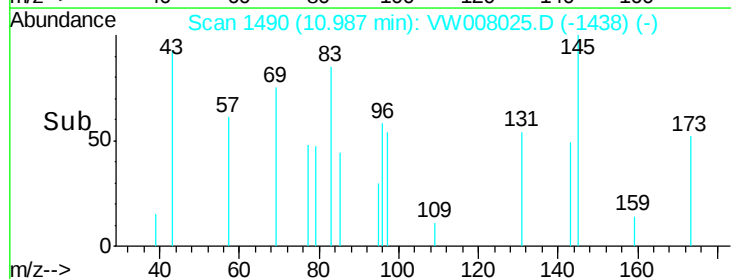
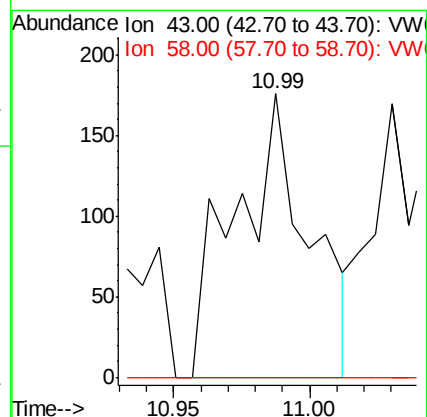
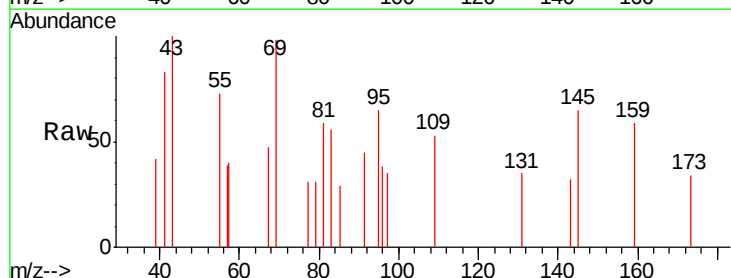
Acq: 03 Jan 2019 17:11

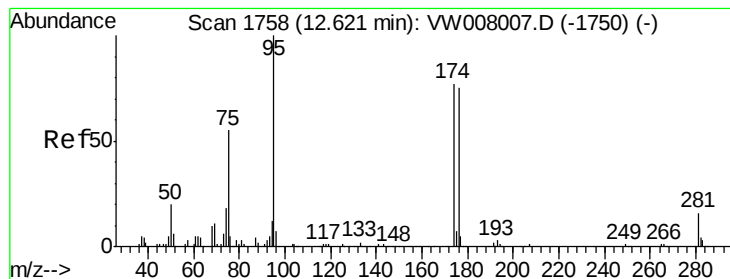
Tgt Ion: 43 Resp: 329

Ion Ratio Lower Upper

43 100

58 0.0 27.1 81.2#





#62

4-Bromofluorobenzene

Concen: 47.377 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008025.D

Acq: 03 Jan 2019 17:11

Instrument :

MSVOA_W

ClientSampled :

TP-6

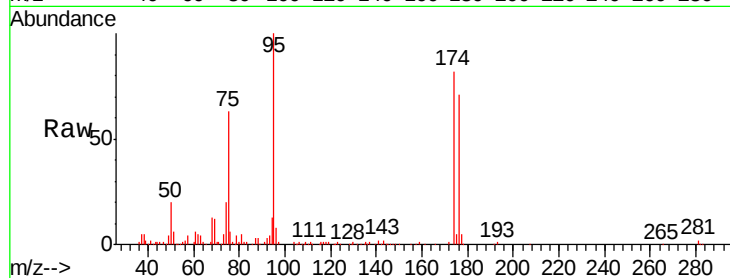
Tgt Ion: 95 Resp: 49008

Ion Ratio Lower Upper

95 100

174 73.2 0.0 149.6

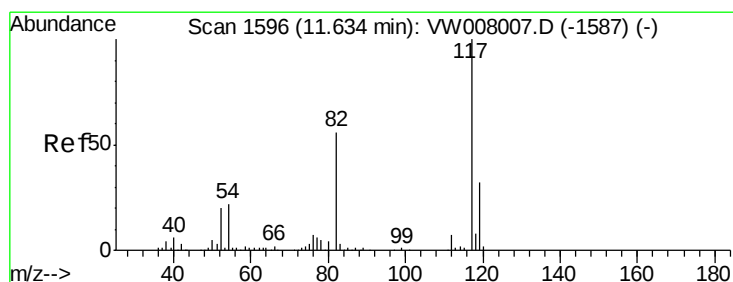
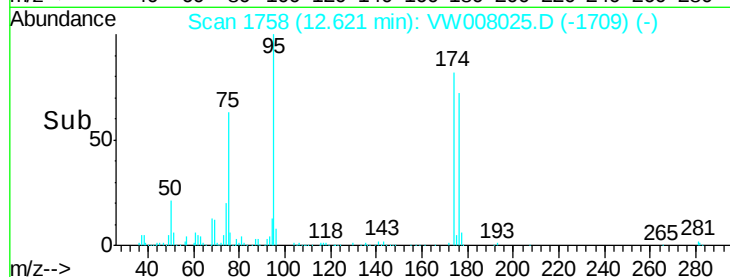
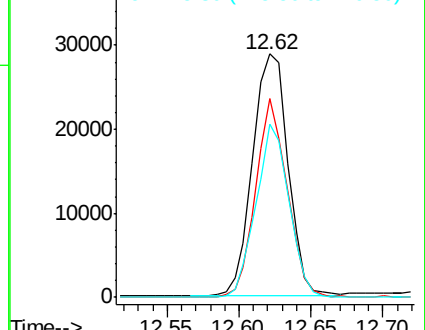
176 66.6 0.0 145.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008025.D

Acq: 03 Jan 2019 17:11

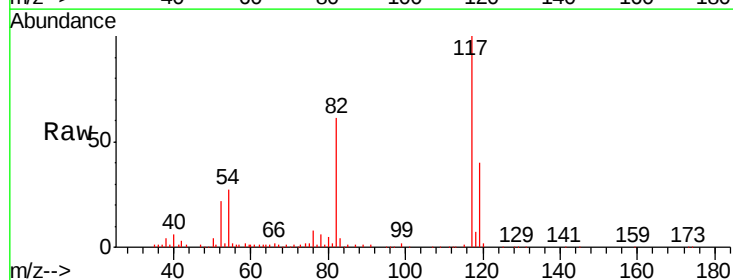
Tgt Ion: 117 Resp: 91479

Ion Ratio Lower Upper

117 100

82 61.3 44.8 67.2

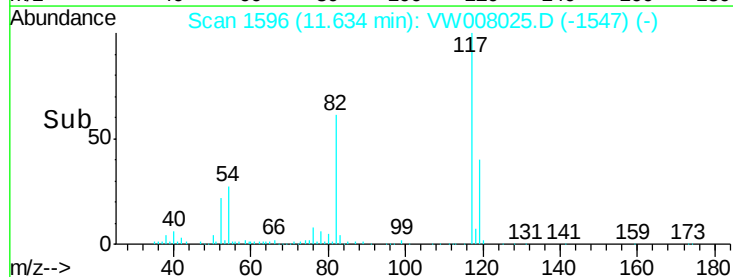
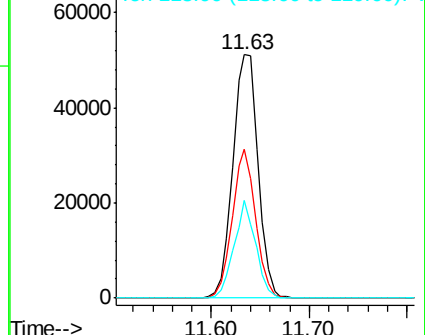
119 40.3 25.6 38.4

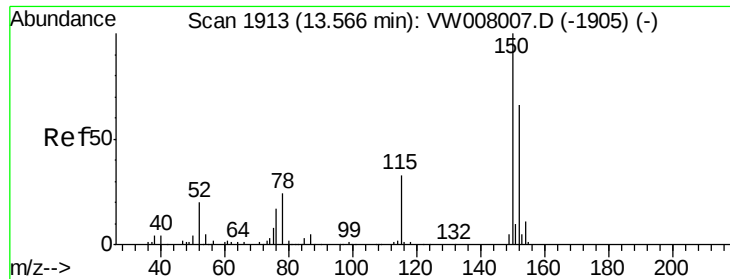


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW008025.D

Acq: 03 Jan 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

TP-6

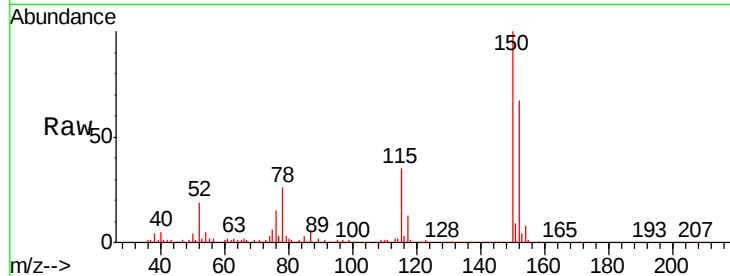
Tgt Ion:152 Resp: 44280

Ion Ratio Lower Upper

152 100

115 58.8 32.1 96.5

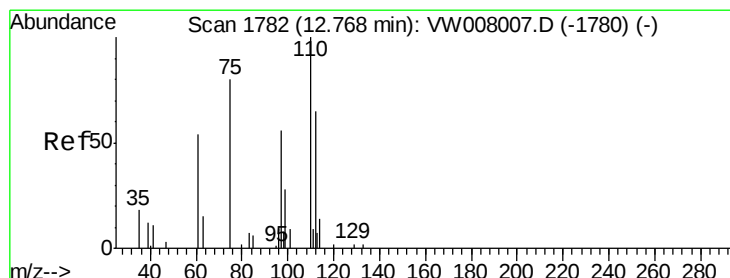
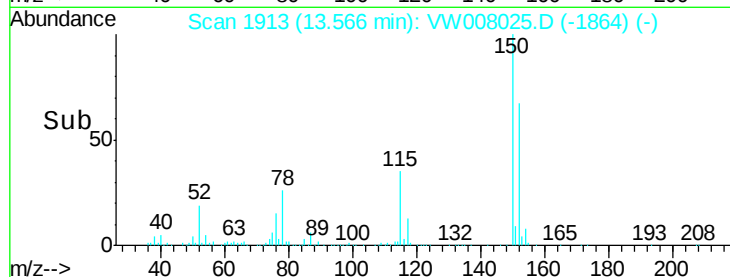
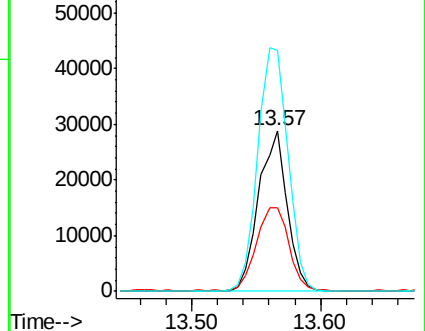
150 160.3 0.0 345.0



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: 75.772 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008025.D

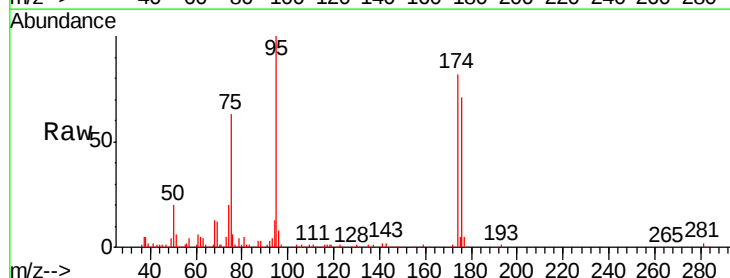
Acq: 03 Jan 2019 17:11

Tgt Ion: 75 Resp: 26692

Ion Ratio Lower Upper

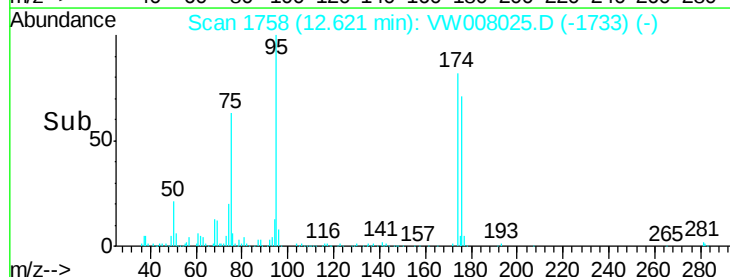
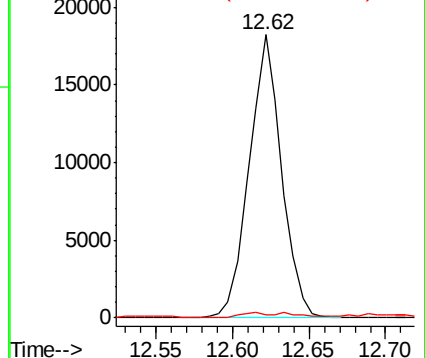
75 100

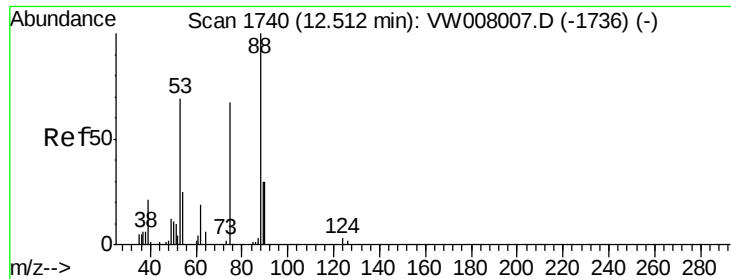
77 1.7 186.2 558.6#



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: 179.188 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008025.D

Acq: 03 Jan 2019 17:11

Instrument :

MSVOA_W

ClientSampleId :

TP-6

Tgt Ion: 75 Resp: 26692

Ion Ratio Lower Upper

75 100

53 0.2 87.6 131.4#

89 0.1 42.2 63.2#

