

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008023.D
 Acq On : 03 Jan 2019 16:17
 Operator : SY/AP
 Sample : K1017-13
 Misc : 5.27G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

Quant Time: Jan 04 00:32:17 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	64206	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	108608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	31836	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	39068	55.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.02%	
35) Dibromofluoromethane	7.88	113	34455	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
50) Toluene-d8	10.32	98	127237	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
62) 4-Bromofluorobenzene	12.62	95	38901	39.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.98%	

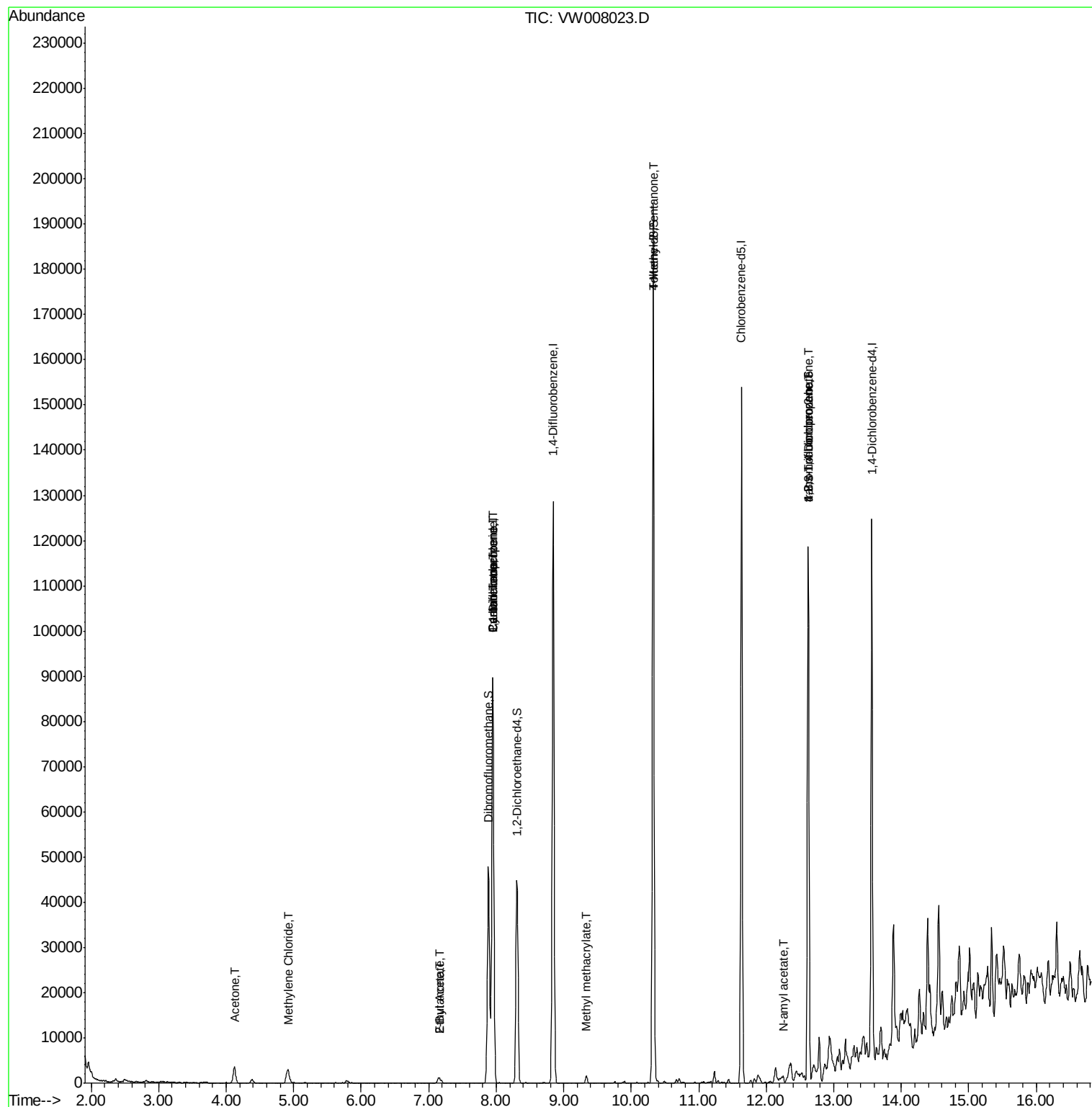
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	6240	56.764	ug/l	97
20) Methylene Chloride	4.92	84	2606	1.541	ug/l #	84
25) 2-Butanone	7.17	43	737	5.690	ug/l #	73
31) Cyclohexane	7.95	56	1528	1.408	ug/l #	28
36) 1,1-Dichloropropene	7.95	75	4843	4.520	ug/l #	52
37) Ethyl Acetate	7.17	43	737	2.290	ug/l #	67
38) Carbon Tetrachloride	7.95	117	6910	5.382	ug/l #	14
48) Methyl methacrylate	9.34	41	366	1.129	ug/l #	60
51) 4-Methyl-2-Pentanone	10.32	43	642	2.157	ug/l #	1
74) N-amyl acetate	12.26	43	519	1.317	ug/l #	41
76) 1,2,3-Trichloropropane	12.62	75	20405	80.566	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	20405	190.525	ug/l #	6

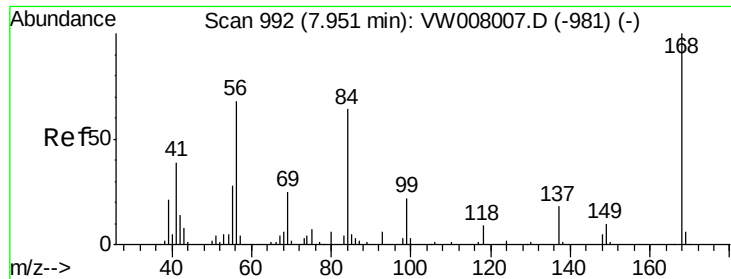
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

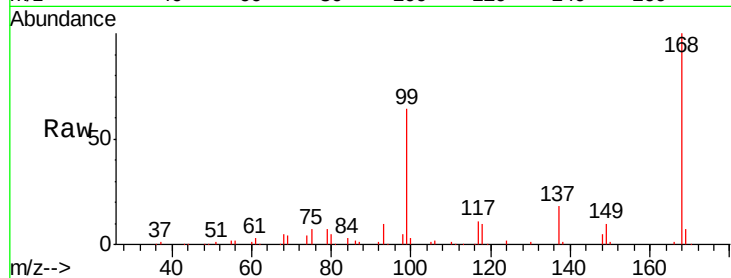
TP-4

Tgt Ion:168 Resp: 64206

Ion Ratio Lower Upper

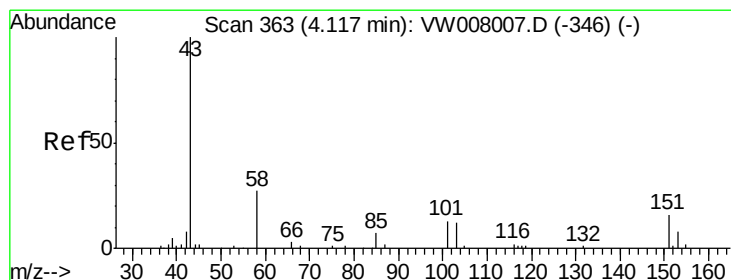
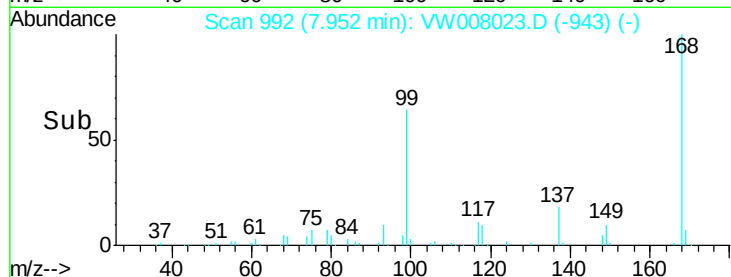
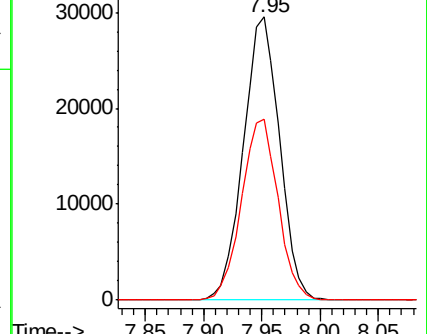
168 100

99 63.8 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: 56.764 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008023.D

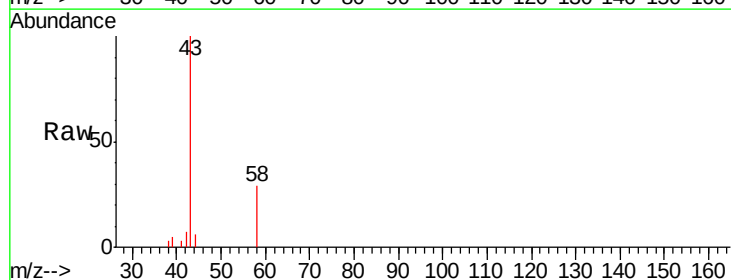
Acq: 03 Jan 2019 16:17

Tgt Ion: 43 Resp: 6240

Ion Ratio Lower Upper

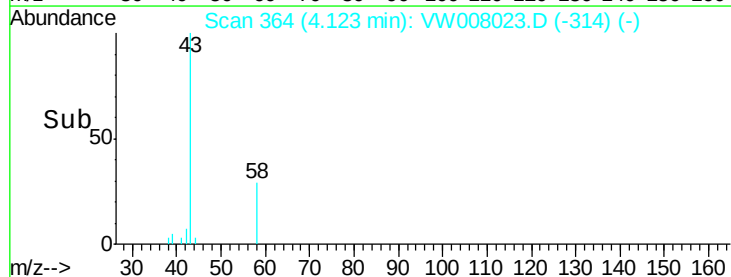
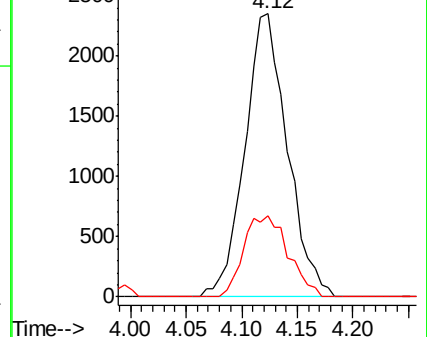
43 100

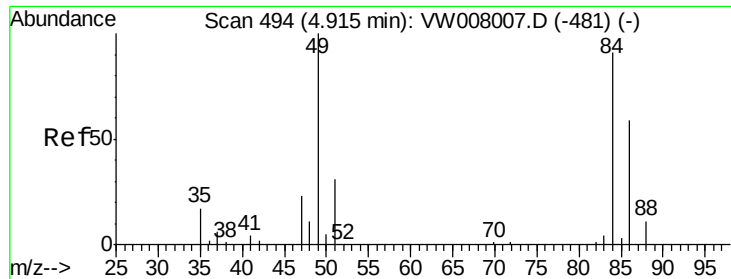
58 28.7 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 1.541 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Instrument :

MSVOA_W

ClientSampled :

TP-4

Tgt Ion: 84 Resp: 2606

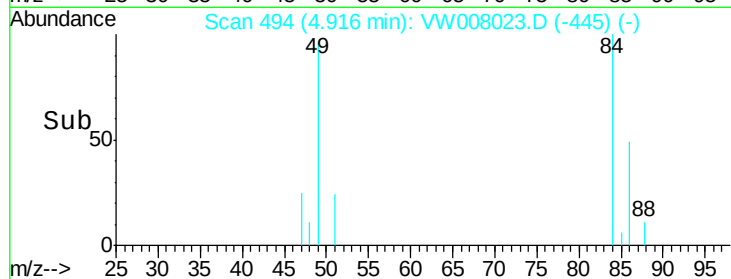
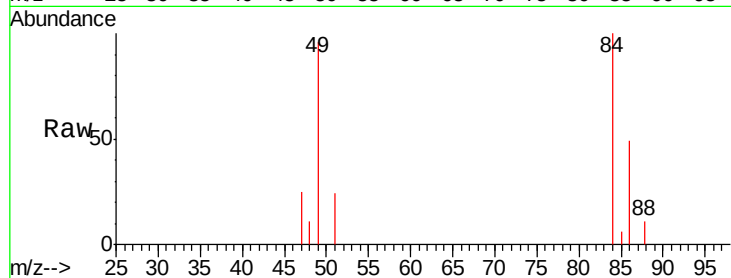
Ion Ratio Lower Upper

84 100

49 95.5 87.7 131.5

51 24.0 27.3 40.9#

86 48.6 51.4 77.0#

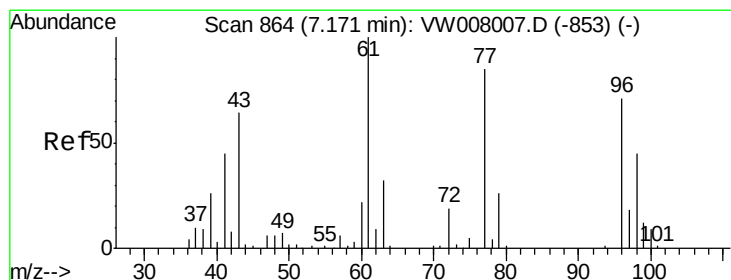
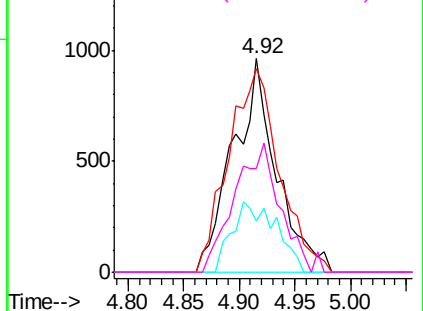


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 5.690 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008023.D

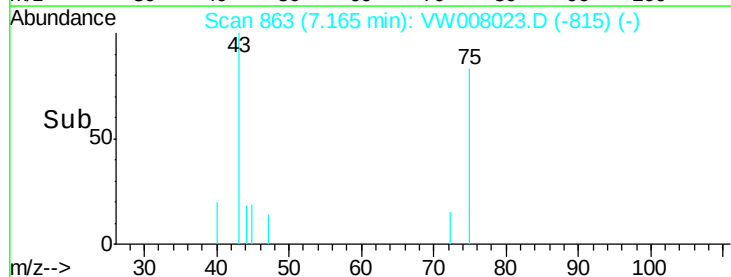
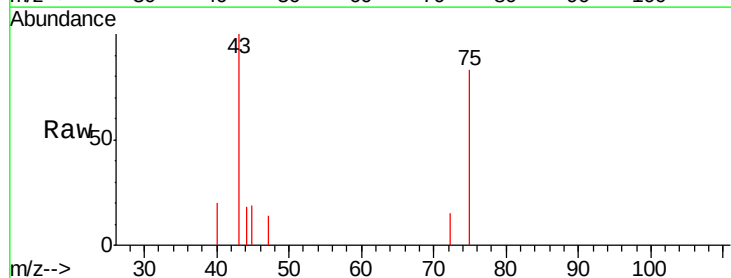
Acq: 03 Jan 2019 16:17

Tgt Ion: 43 Resp: 737

Ion Ratio Lower Upper

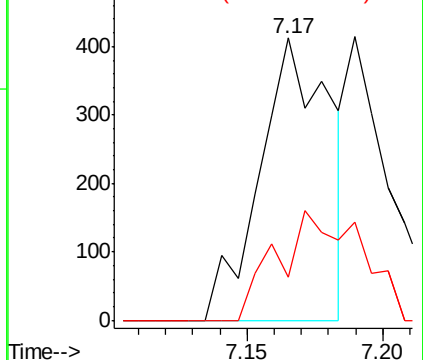
43 100

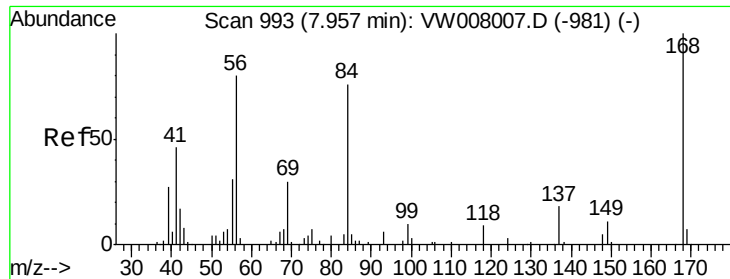
72 15.3 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

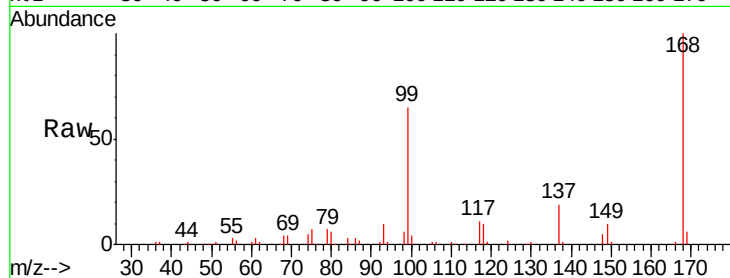




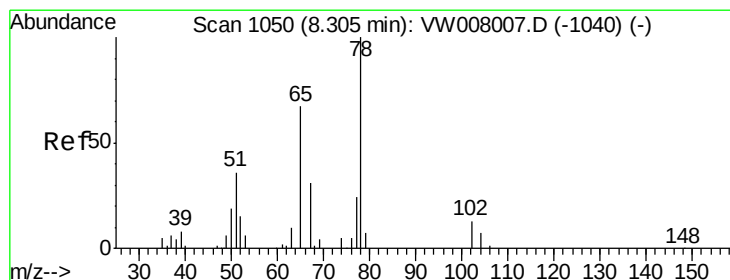
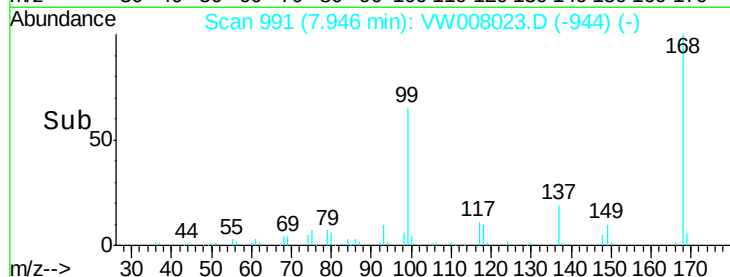
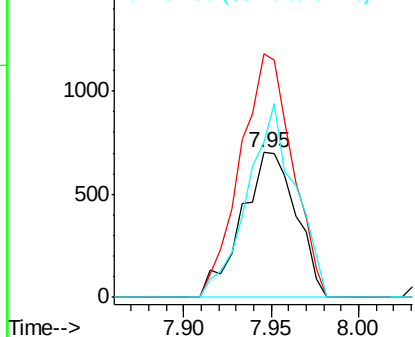
#31
Cyclohexane
Concen: 1.408 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008023.D
Acq: 03 Jan 2019 16:17

Instrument :
MSVOA_W
ClientSampled :
TP-4

Tgt Ion: 56 Resp: 1528
Ion Ratio Lower Upper
56 100
69 168.2 29.8 44.6#
84 107.0 75.2 112.8

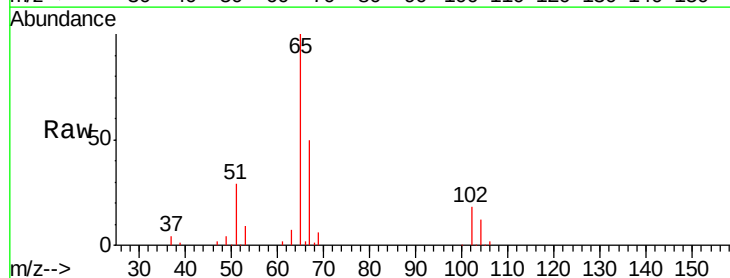


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

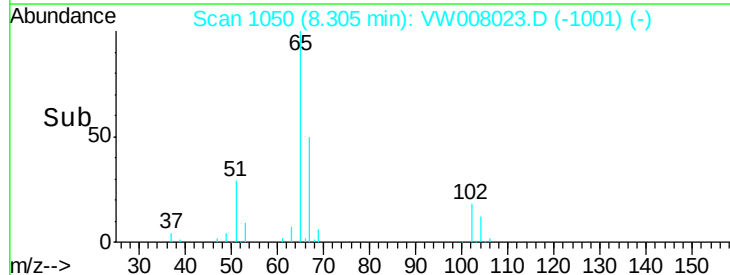
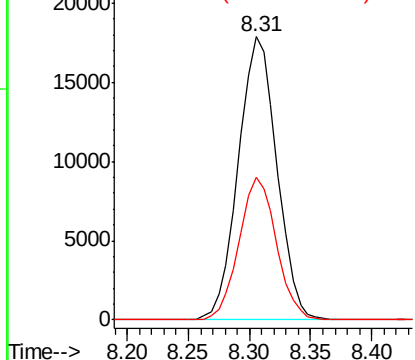


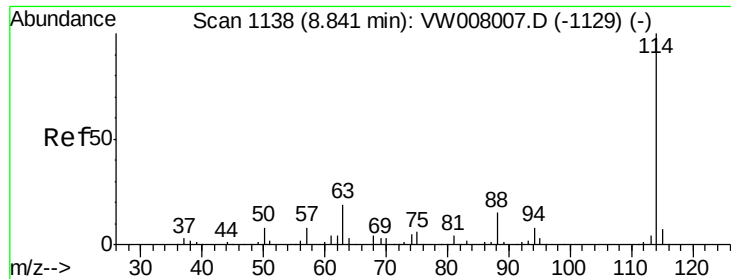
#33
1,2-Dichloroethane-d4
Concen: 55.013 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008023.D
Acq: 03 Jan 2019 16:17

Tgt Ion: 65 Resp: 39068
Ion Ratio Lower Upper
65 100
67 48.8 0.0 94.8



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

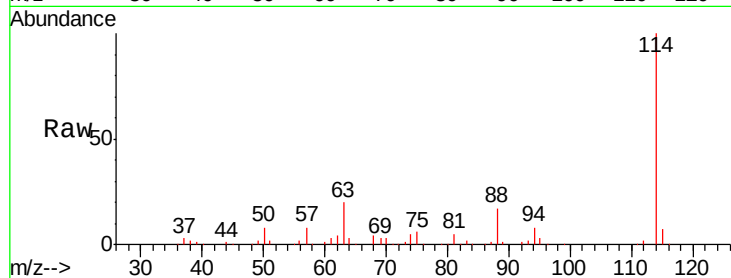




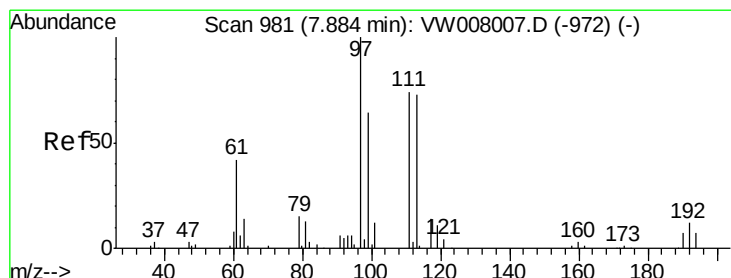
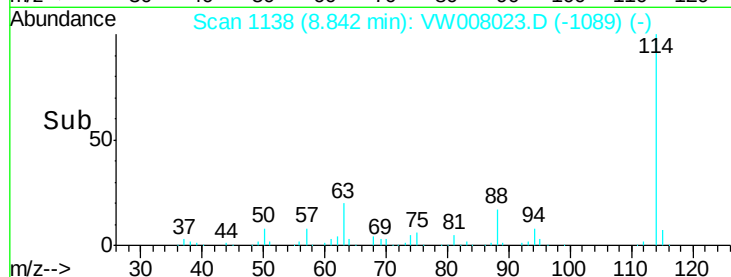
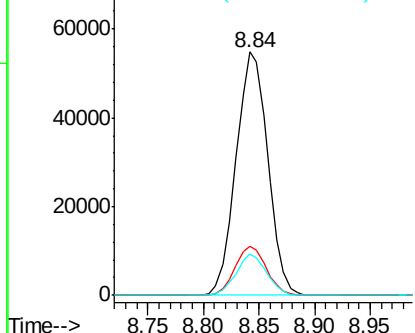
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008023.D
Acq: 03 Jan 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Tgt Ion:114 Resp: 108608
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.8
88 17.0 0.0 31.0

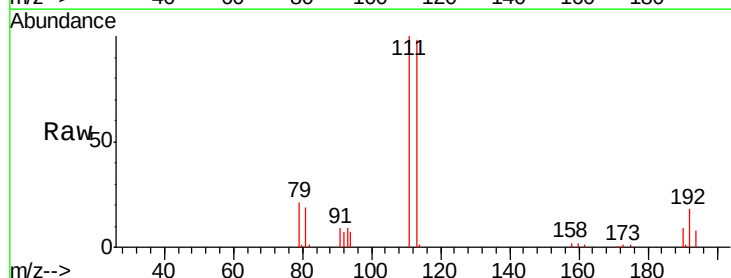


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

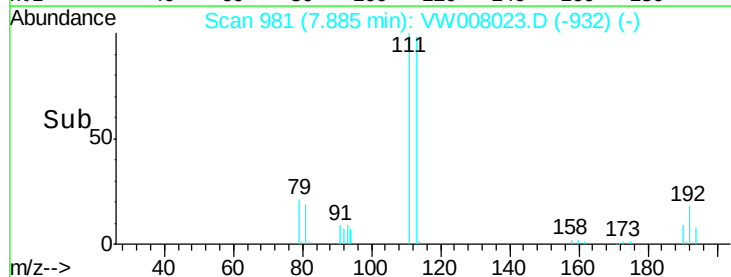
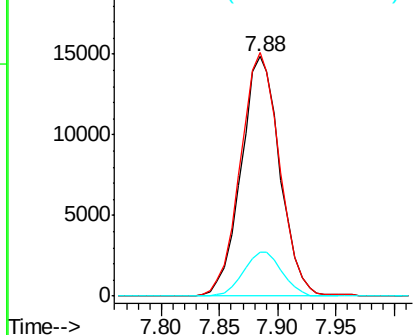


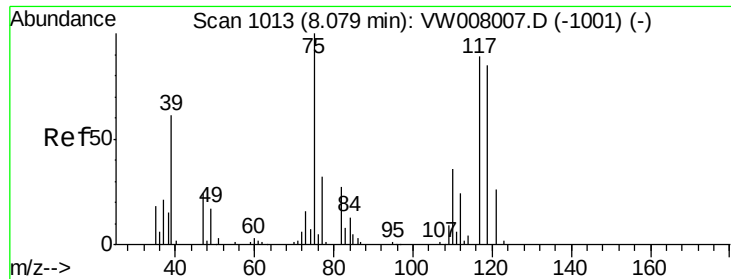
#35
Dibromofluoromethane
Concen: 50.323 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008023.D
Acq: 03 Jan 2019 16:17

Tgt Ion:113 Resp: 34455
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 18.4 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

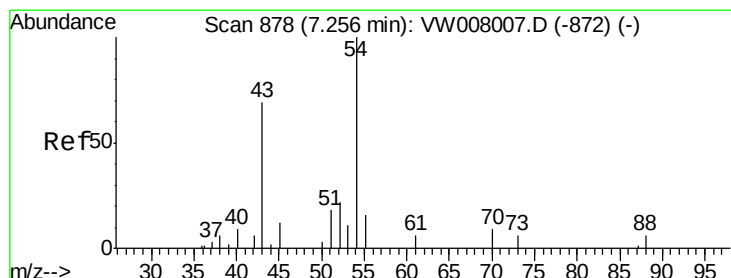
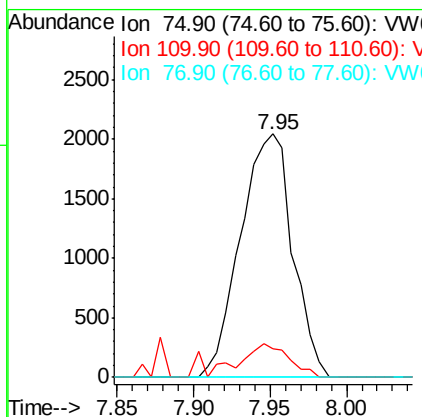
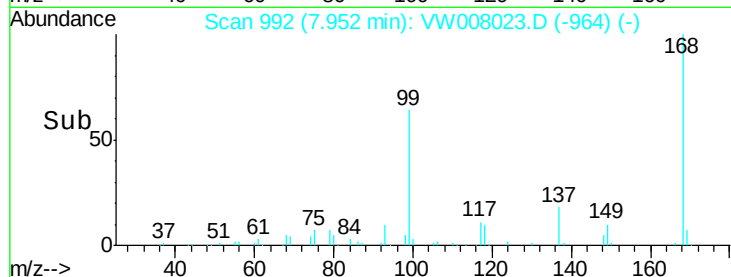
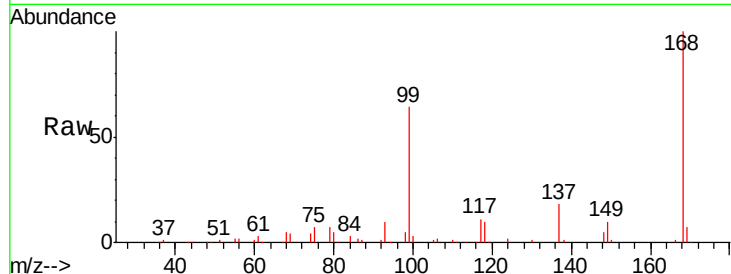




#36
 1,1-Dichloropropene
 Concen: 4.520 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008023.D
 Acq: 03 Jan 2019 16:17

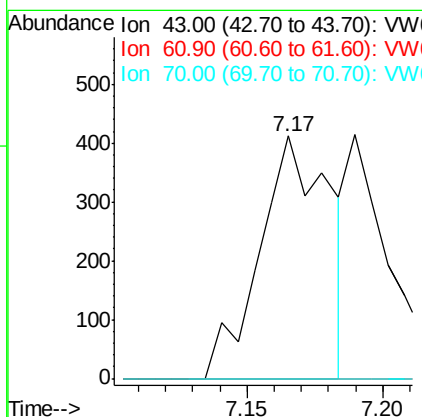
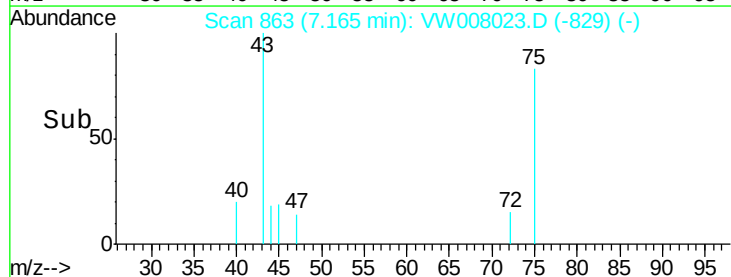
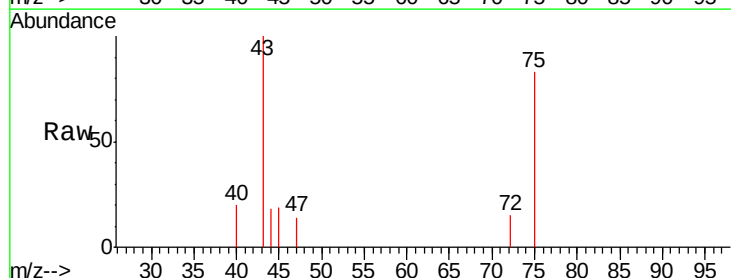
Instrument :
 MSVOA_W
 ClientSampled :
 TP-4

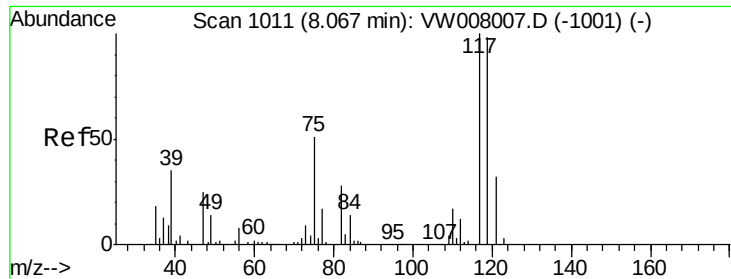
Tgt Ion: 75 Resp: 4843
 Ion Ratio Lower Upper
 75 100
 110 12.0 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 2.290 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.09 min
 Lab File: VW008023.D
 Acq: 03 Jan 2019 16:17

Tgt Ion: 43 Resp: 737
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#

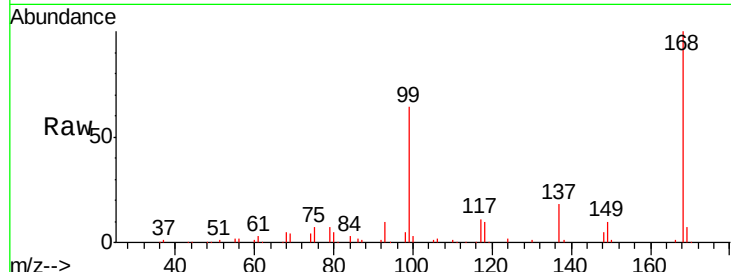




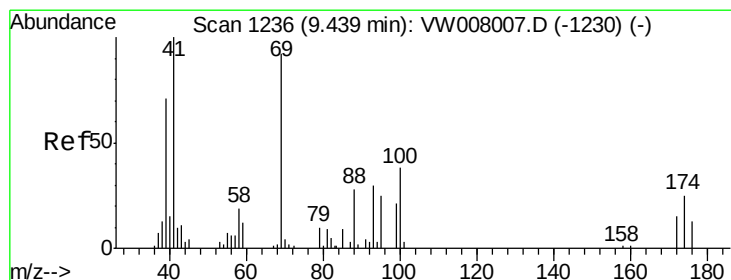
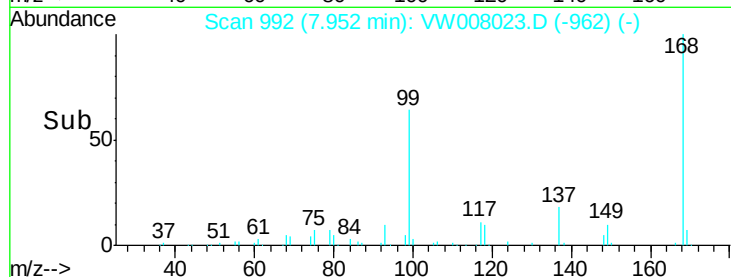
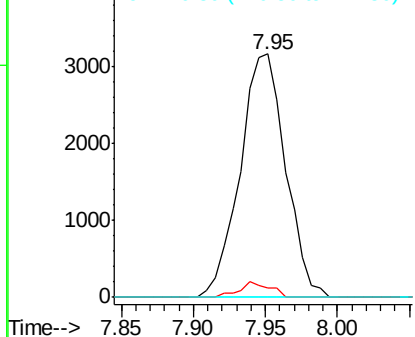
#38
Carbon Tetrachloride
Concen: 5.382 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008023.D
Acq: 03 Jan 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
TP-4

Tgt Ion: 117 Resp: 6910
Ion Ratio Lower Upper
117 100
119 3.6 78.7 118.1#
121 0.0 25.8 38.8#

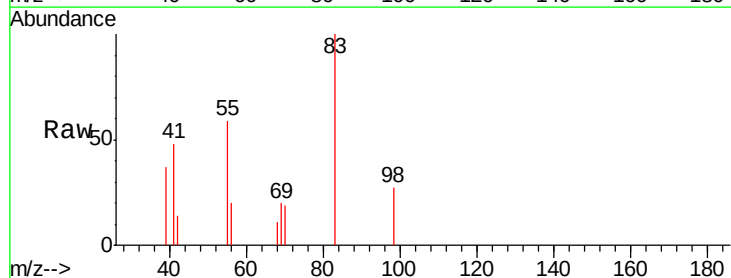


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

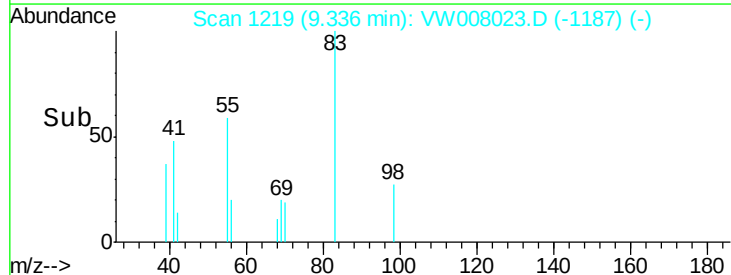
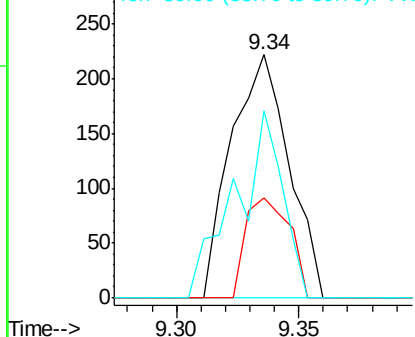


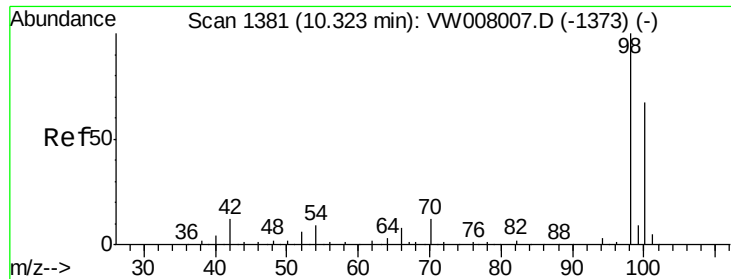
#48
Methyl methacrylate
Concen: 1.129 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.10 min
Lab File: VW008023.D
Acq: 03 Jan 2019 16:17

Tgt Ion: 41 Resp: 366
Ion Ratio Lower Upper
41 100
69 31.1 72.3 108.5#
39 63.4 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: 49.540 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Instrument :

MSVOA_W

ClientSampled :

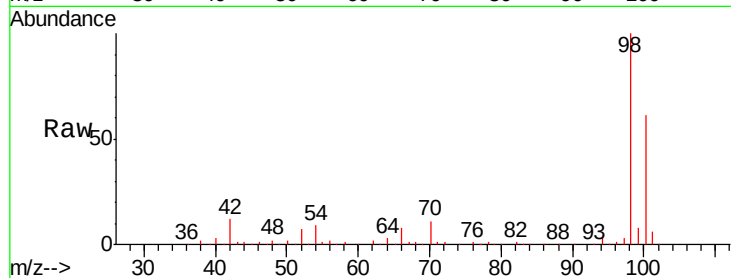
TP-4

Tgt Ion: 98 Resp: 127237

Ion Ratio Lower Upper

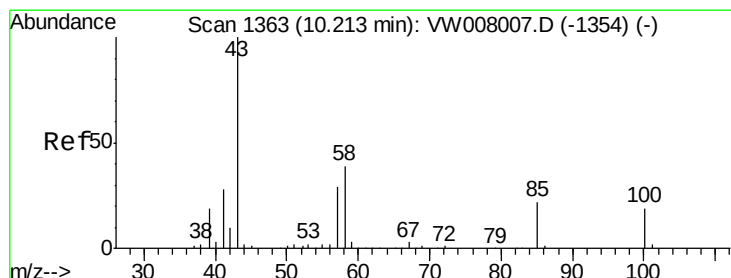
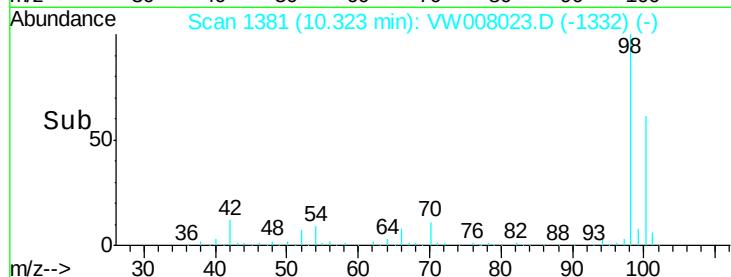
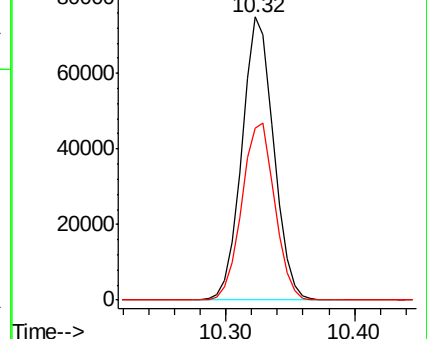
98 100

100 64.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 2.157 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW008023.D

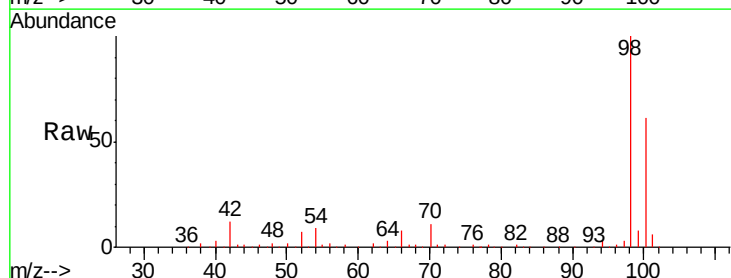
Acq: 03 Jan 2019 16:17

Tgt Ion: 43 Resp: 642

Ion Ratio Lower Upper

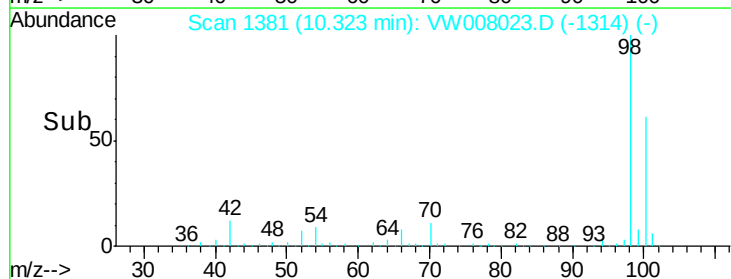
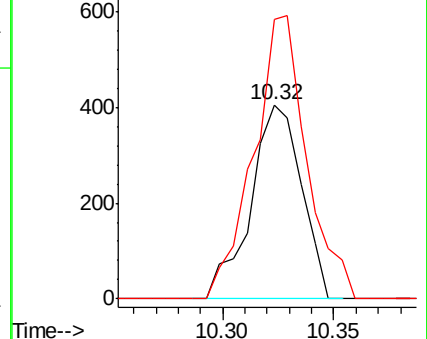
43 100

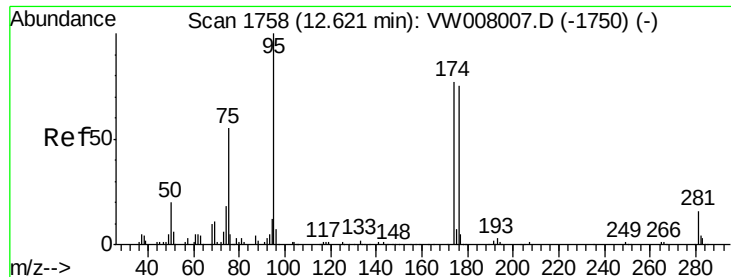
58 152.6 32.0 48.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#62

4-Bromofluorobenzene

Concen: 39.494 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Instrument :

MSVOA_W

ClientSampleId :

TP-4

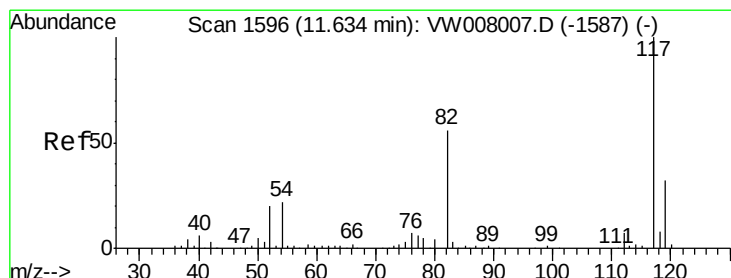
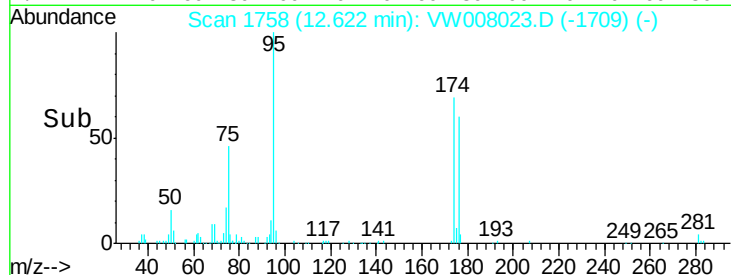
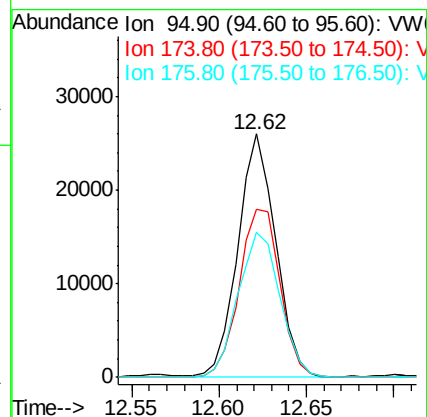
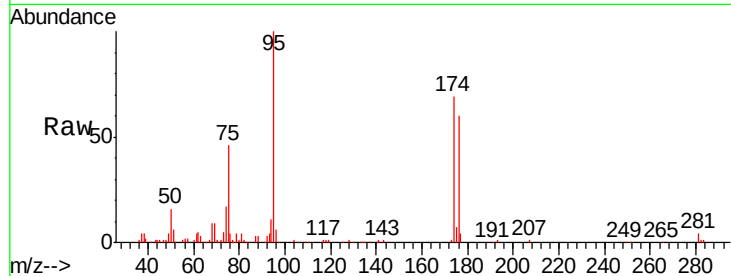
Tgt Ion: 95 Resp: 38901

Ion Ratio Lower Upper

95 100

174 74.9 0.0 149.6

176 66.6 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: VW008023.D

Acq: 03 Jan 2019 16:17

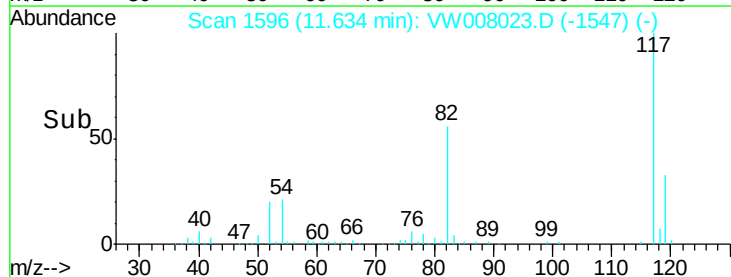
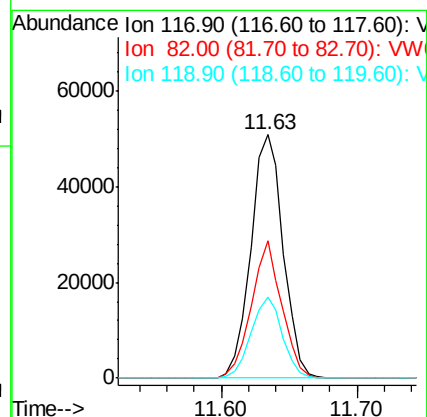
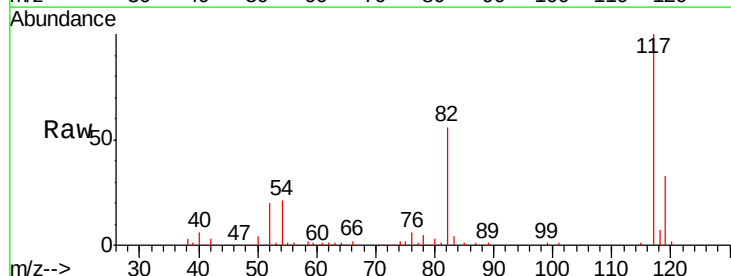
Tgt Ion: 117 Resp: 84469

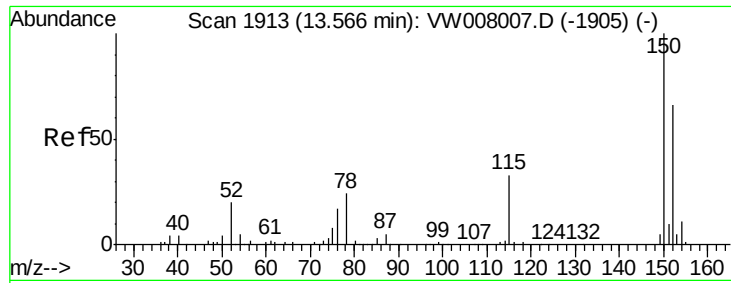
Ion Ratio Lower Upper

117 100

82 56.3 44.8 67.2

119 33.2 25.6 38.4

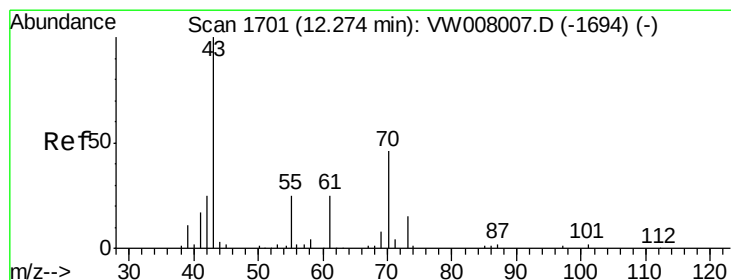
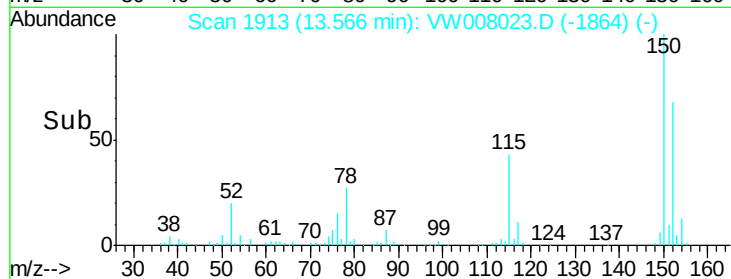
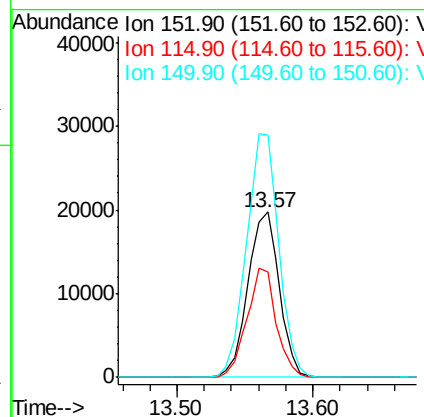
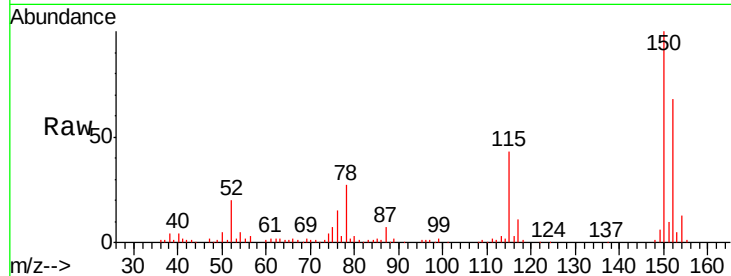




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW008023.D
 Acq: 03 Jan 2019 16:17

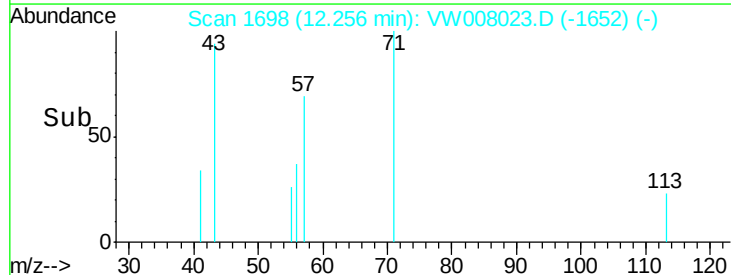
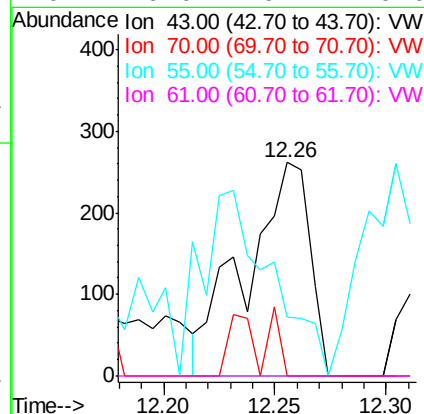
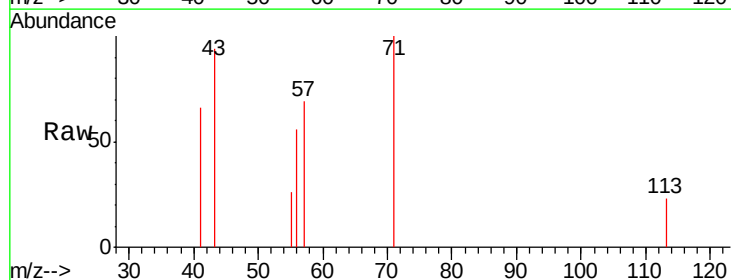
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-4

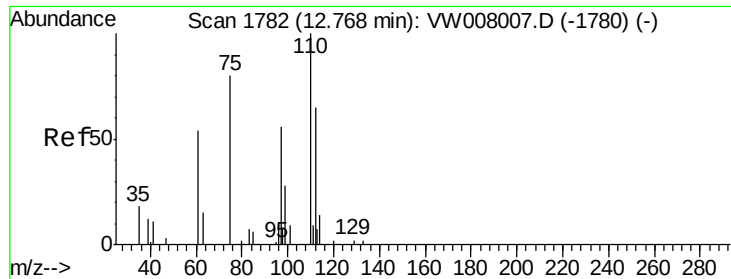
Tgt Ion: 152 Resp: 31836
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.1 96.5
 150 151.9 0.0 345.0



#74
 N-ethyl acetate
 Concen: 1.317 ug/l
 RT: 12.26 min Scan# 1698
 Delta R.T. -0.02 min
 Lab File: VW008023.D
 Acq: 03 Jan 2019 16:17

Tgt Ion: 43 Resp: 519
 Ion Ratio Lower Upper
 43 100
 70 0.0 35.2 52.8#
 55 0.0 21.4 32.0#
 61 0.0 19.4 29.0#





#76

1,2,3-Trichloropropane

Concen: 80.566 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Instrument :

MSVOA_W

ClientSampled :

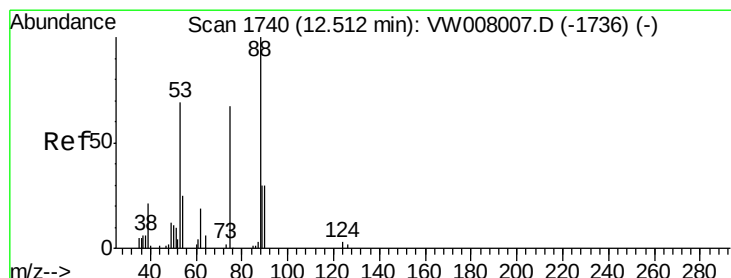
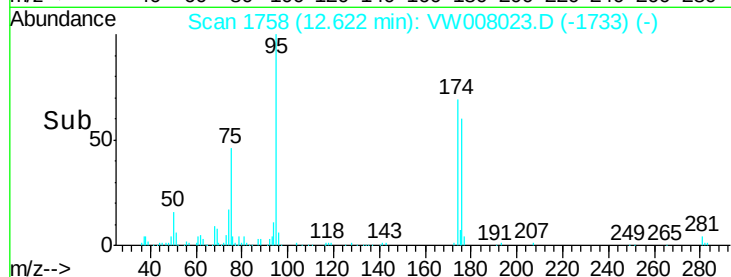
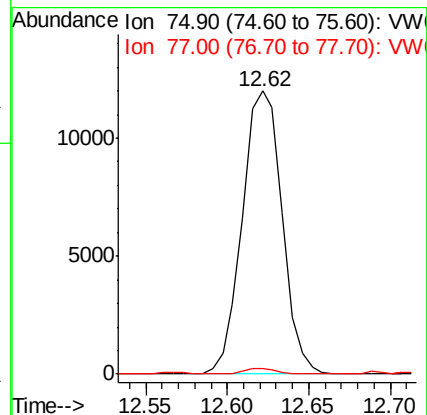
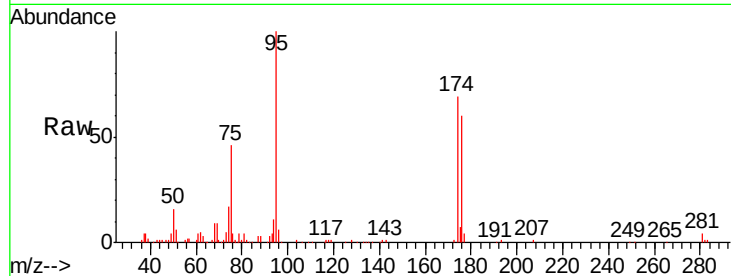
TP-4

Tgt Ion: 75 Resp: 20405

Ion Ratio Lower Upper

75 100

77 1.7 186.2 558.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 190.525 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008023.D

Acq: 03 Jan 2019 16:17

Tgt Ion: 75 Resp: 20405

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

89 0.0 42.2 63.2#

