

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008024.D
 Acq On : 03 Jan 2019 16:44
 Operator : SY/AP
 Sample : K1017-17
 Misc : 6.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Quant Time: Jan 04 00:32:28 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	67068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	115540	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	89489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	35371	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	41099	55.40	ug/l	0.00
Spiked Amount			Recovery	=	110.80%	
35) Dibromofluoromethane	7.88	113	35814	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
50) Toluene-d8	10.32	98	135222	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.62	95	44307	42.28	ug/l	0.00
Spiked Amount			Recovery	=	84.56%	

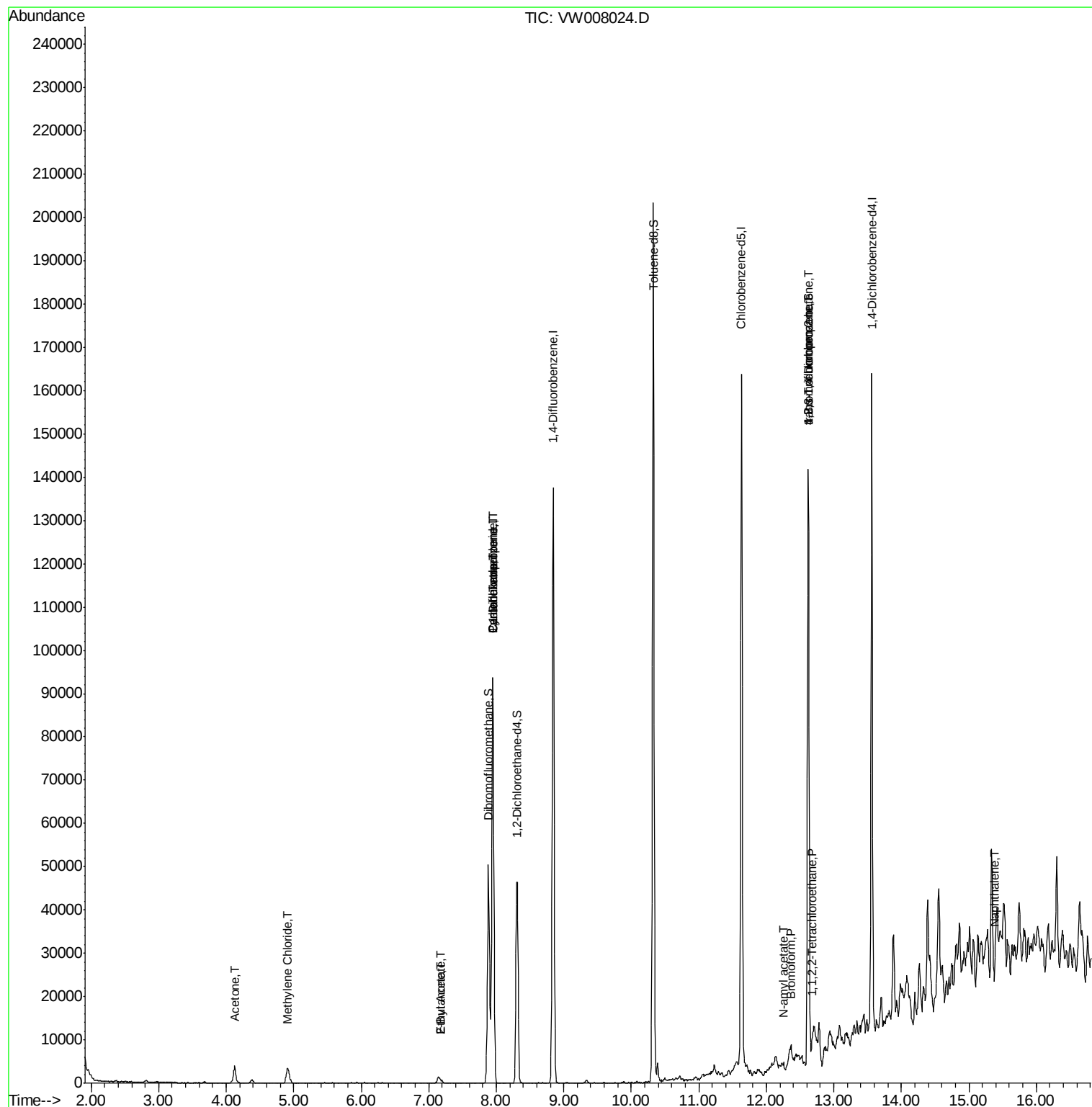
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	6486	56.484	ug/l	98
20) Methylene Chloride	4.92	84	3126	2.139	ug/l	93
25) 2-Butanone	7.18	43	989	7.310	ug/l #	81
31) Cyclohexane	7.95	56	1434	1.265	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	5102	4.476	ug/l #	51
37) Ethyl Acetate	7.18	43	989	2.889	ug/l #	67
38) Carbon Tetrachloride	7.95	117	7197	5.269	ug/l #	14
71) Bromoform	12.36	173	437	1.362	ug/l #	29
74) N-amyl acetate	12.25	43	516	1.179	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.67	83	750	2.096	ug/l #	31
76) 1,2,3-Trichloropropane	12.62	75	24022	85.368	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	24022	201.882	ug/l #	6
95) Naphthalene	15.38	128	2086	1.627	ug/l #	68

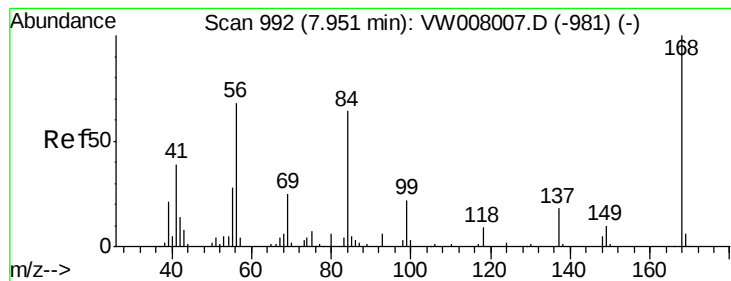
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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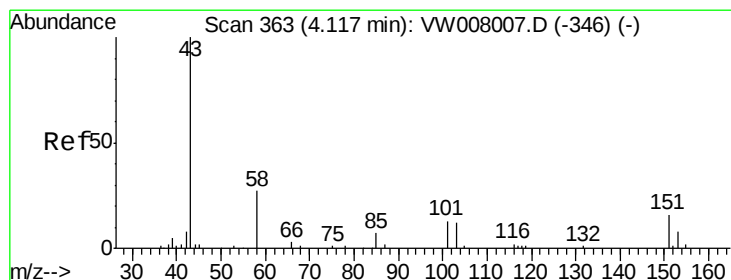
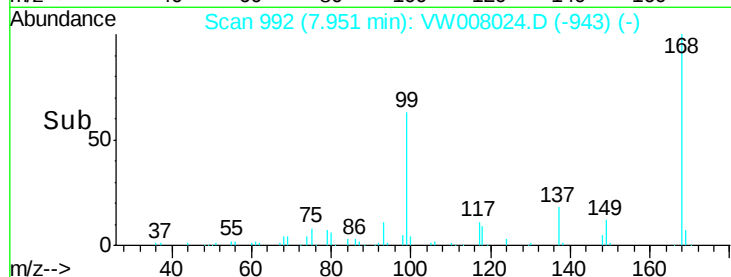
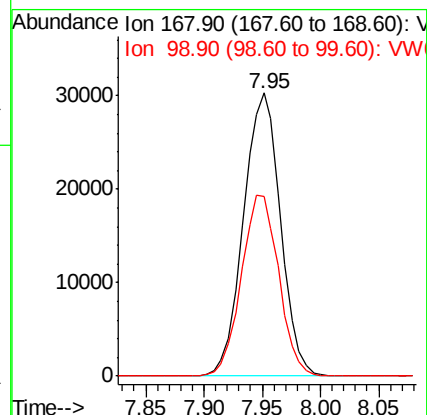
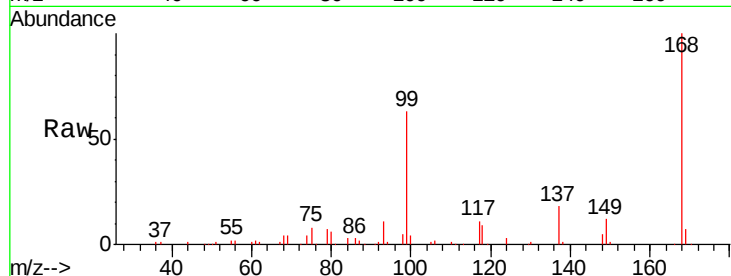




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

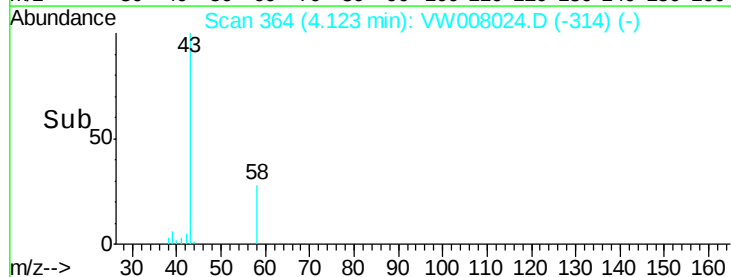
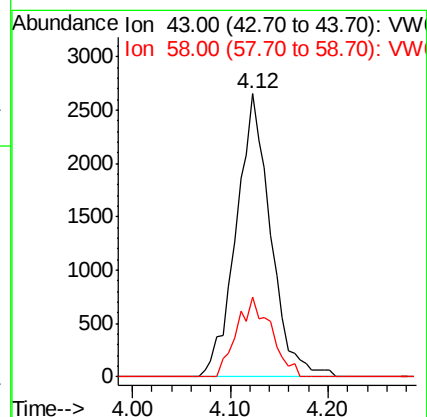
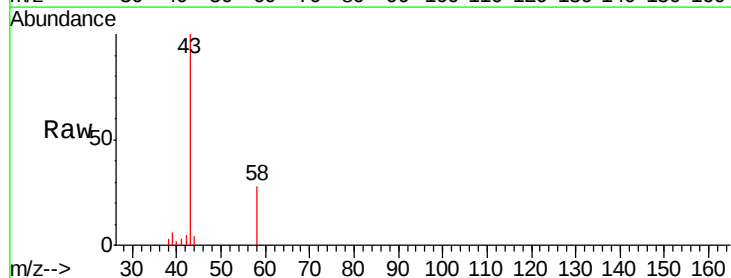
Instrument :
MSVOA_W
ClientSampled :
TP-5

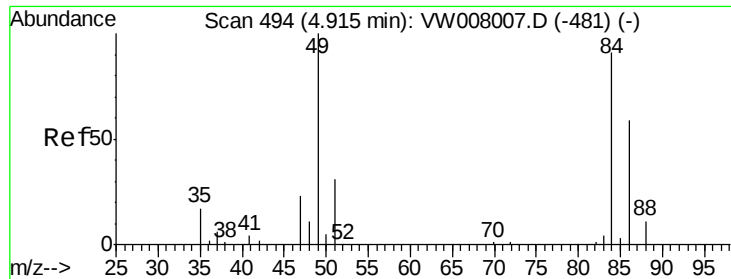
Tgt Ion: 168 Resp: 67068
Ion Ratio Lower Upper
168 100
99 63.3 51.6 77.4



#16
Acetone
Concen: 56.484 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

Tgt Ion: 43 Resp: 6486
Ion Ratio Lower Upper
43 100
58 28.4 21.7 32.5

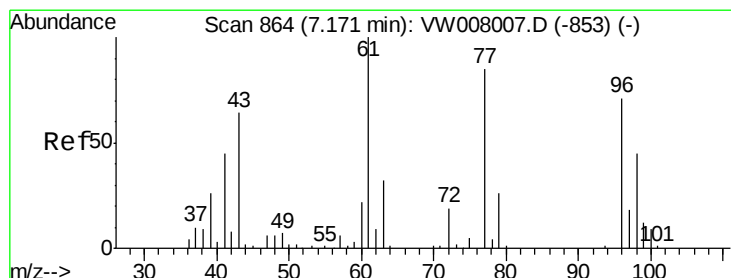
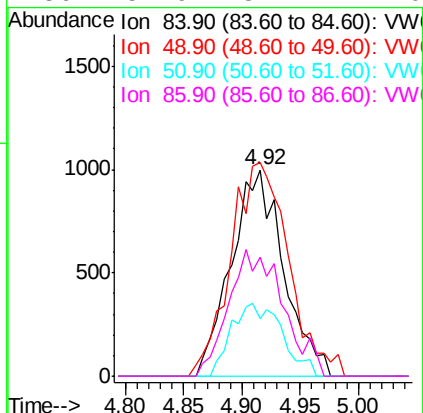
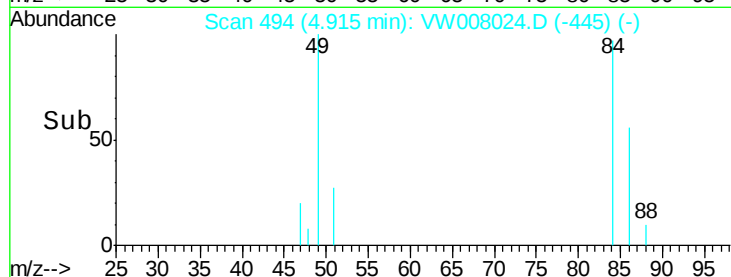
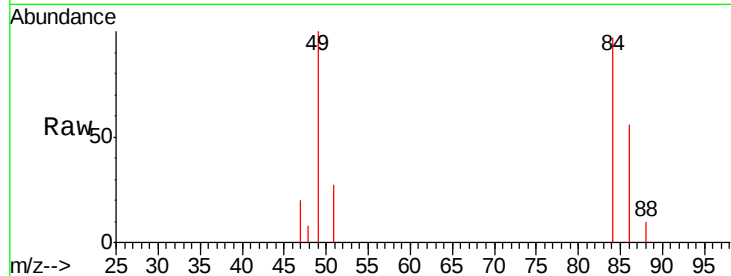




#20
Methylene Chloride
Concen: 2.139 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

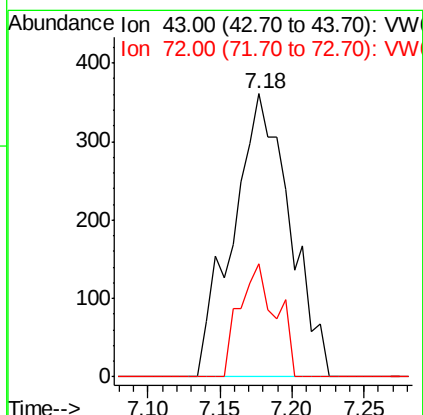
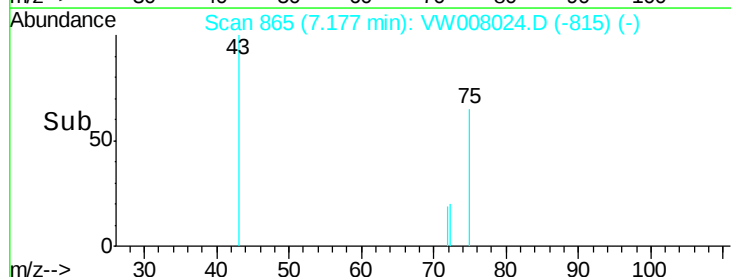
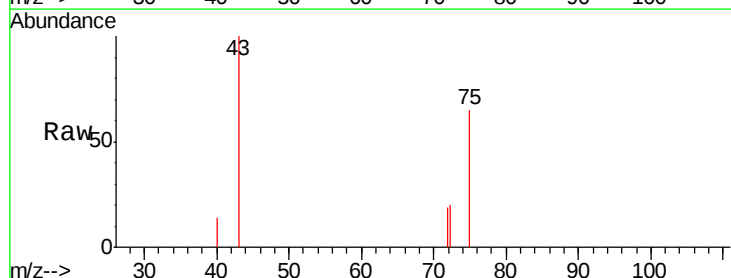
Instrument :
MSVOA_W
ClientSampled :
TP-5

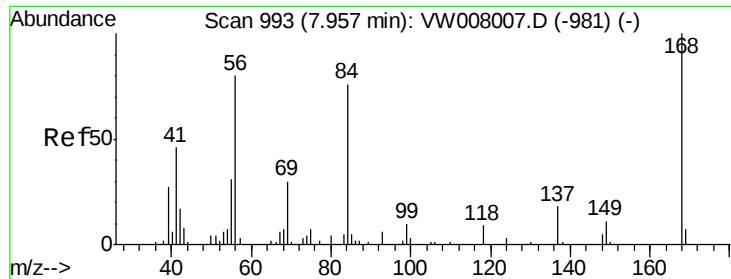
Tgt Ion: 84 Resp: 3126
Ion Ratio Lower Upper
84 100
49 103.6 87.7 131.5
51 28.0 27.3 40.9
86 57.9 51.4 77.0



#25
2-Butanone
Concen: 7.310 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
72 39.9 23.8 35.8#

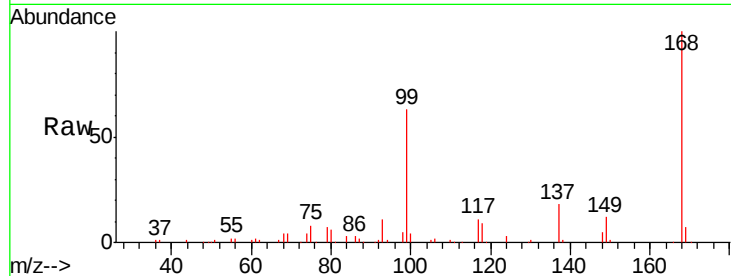




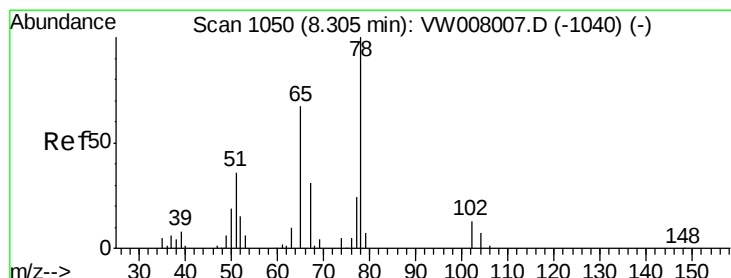
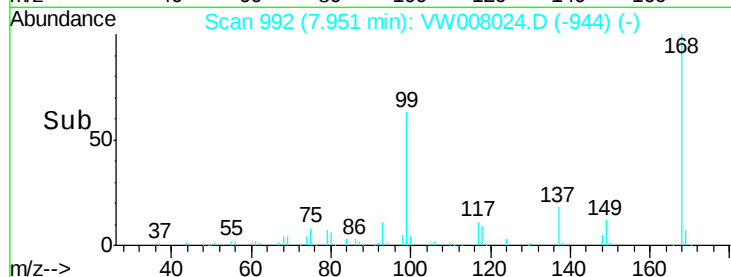
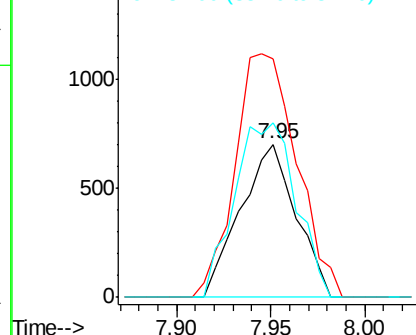
#31
Cyclohexane
Concen: 1.265 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

Instrument :
MSVOA_W
ClientSampled :
TP-5

Tgt Ion: 56 Resp: 1434
Ion Ratio Lower Upper
56 100
69 155.6 29.8 44.6#
84 113.8 75.2 112.8#

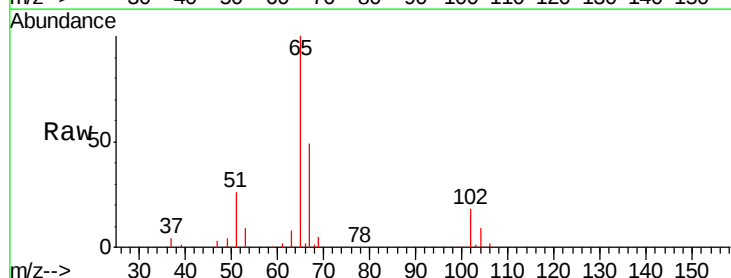


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

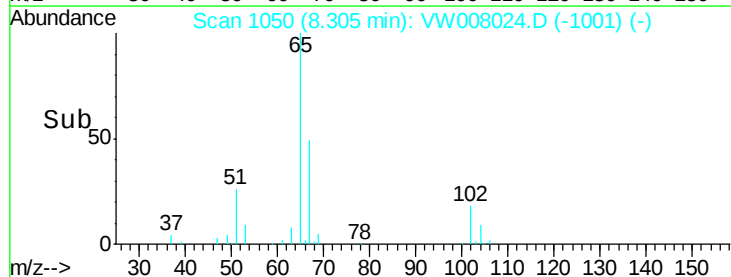
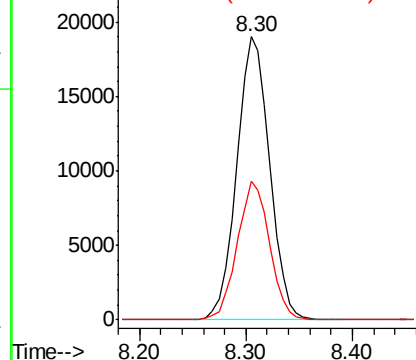


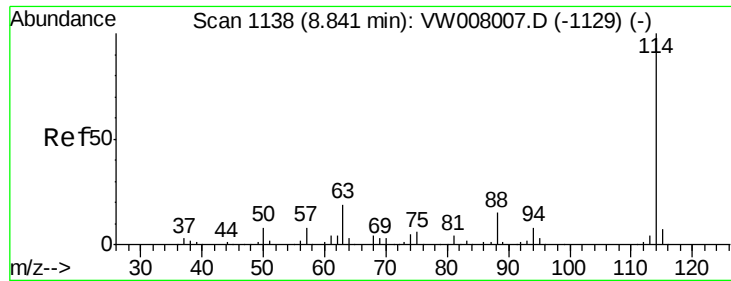
#33
1,2-Dichloroethane-d4
Concen: 55.404 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

Tgt Ion: 65 Resp: 41099
Ion Ratio Lower Upper
65 100
67 48.2 0.0 94.8



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

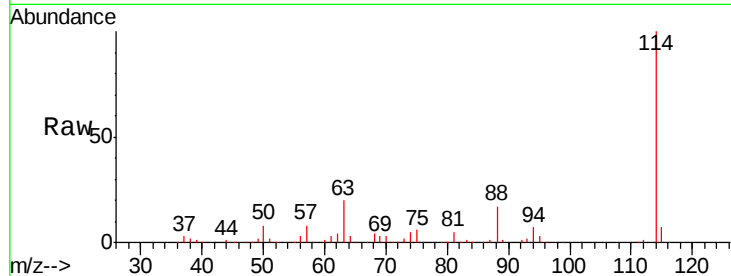




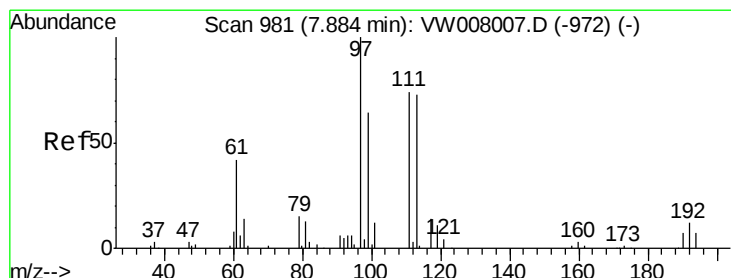
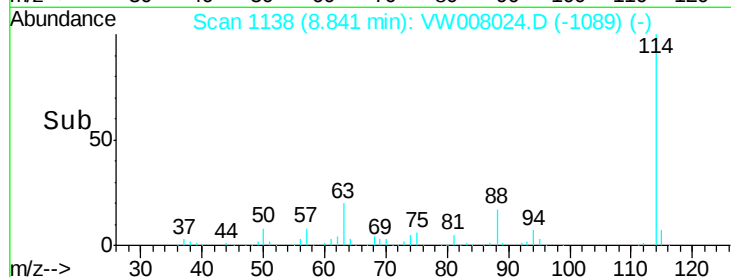
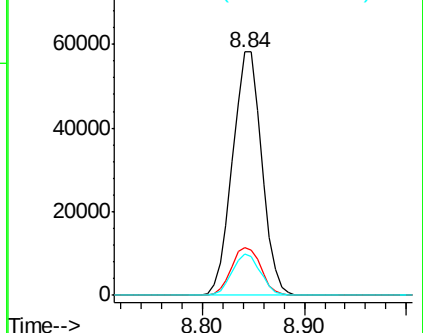
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008024.D
 Acq: 03 Jan 2019 16:44

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Tgt Ion:114 Resp: 115540
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.8
 88 16.9 0.0 31.0

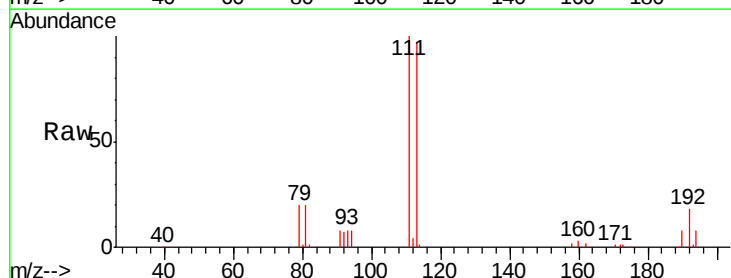


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

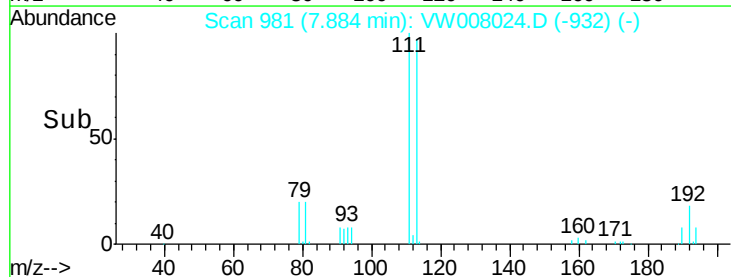
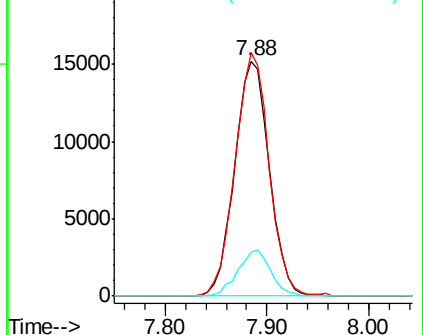


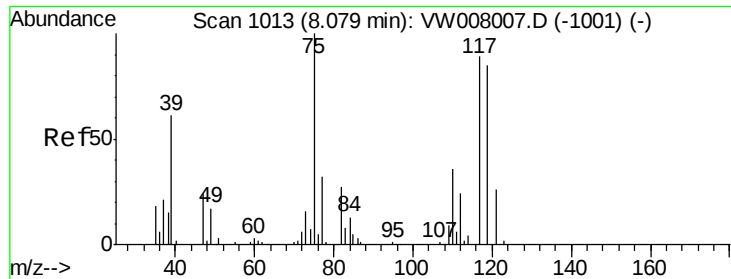
#35
 Dibromofluoromethane
 Concen: 49.170 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008024.D
 Acq: 03 Jan 2019 16:44

Tgt Ion:113 Resp: 35814
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.4 122.0
 192 18.6 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

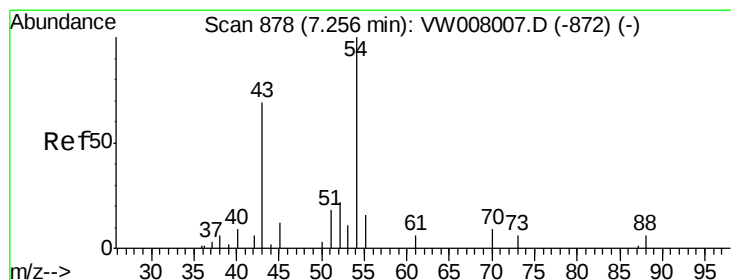
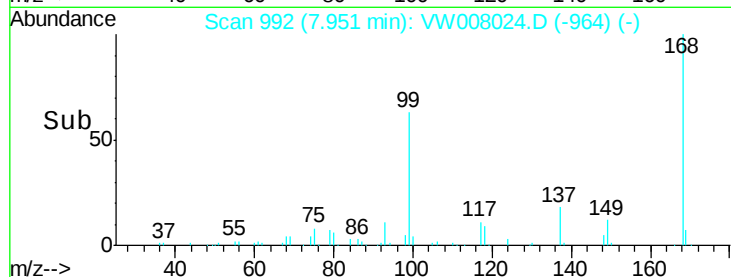
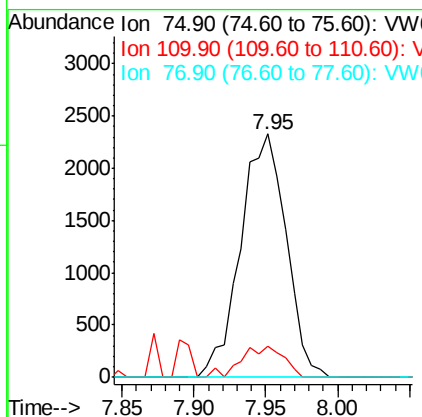
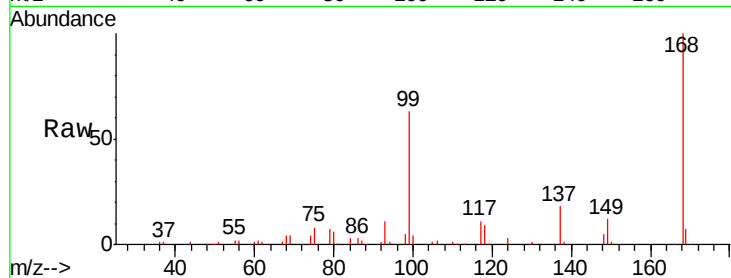




#36
 1,1-Dichloropropene
 Concen: 4.476 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008024.D
 Acq: 03 Jan 2019 16:44

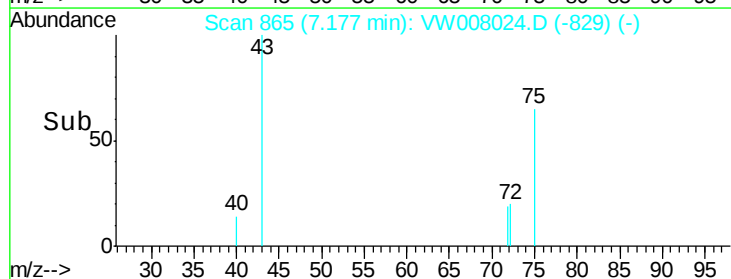
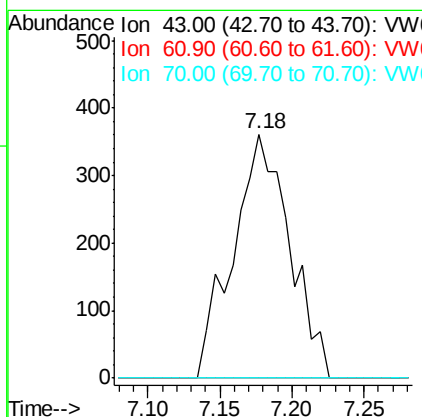
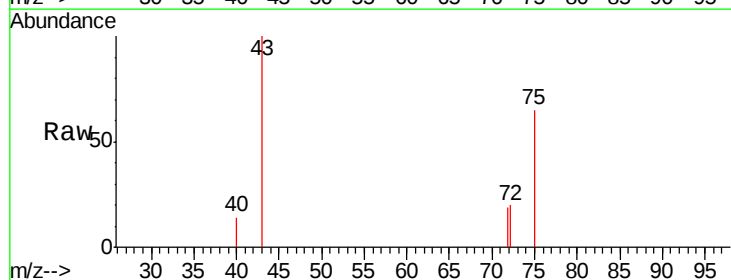
Instrument :
 MSVOA_W
 ClientSampled :
 TP-5

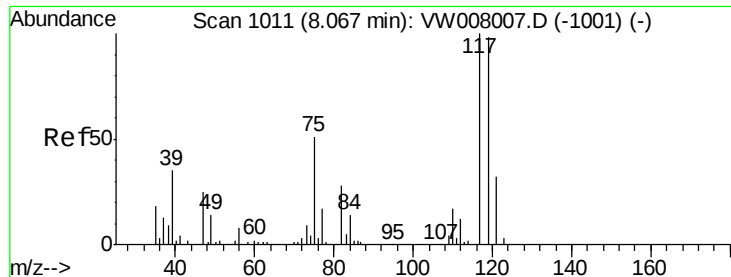
Tgt Ion: 75 Resp: 5102
 Ion Ratio Lower Upper
 75 100
 110 11.8 18.1 54.3#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 2.889 ug/l
 RT: 7.18 min Scan# 865
 Delta R.T. -0.08 min
 Lab File: VW008024.D
 Acq: 03 Jan 2019 16:44

Tgt Ion: 43 Resp: 989
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.4 17.2#
 70 0.0 9.4 14.0#





#38

Carbon Tetrachloride

Concen: 5.269 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008024.D

Acq: 03 Jan 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

TP-5

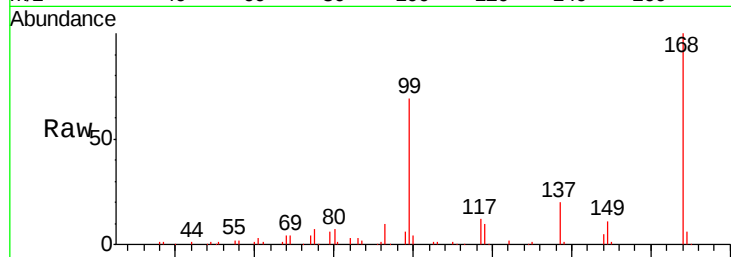
Tgt Ion:117 Resp: 7197

Ion Ratio Lower Upper

117 100

119 3.9 78.7 118.1#

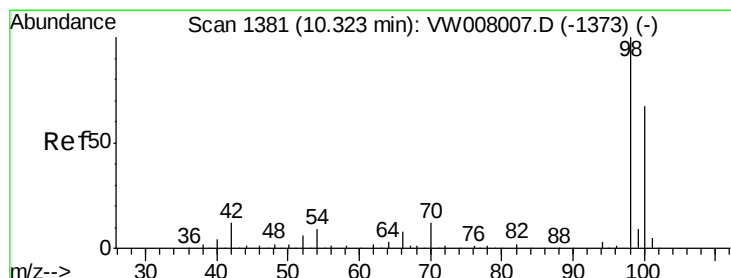
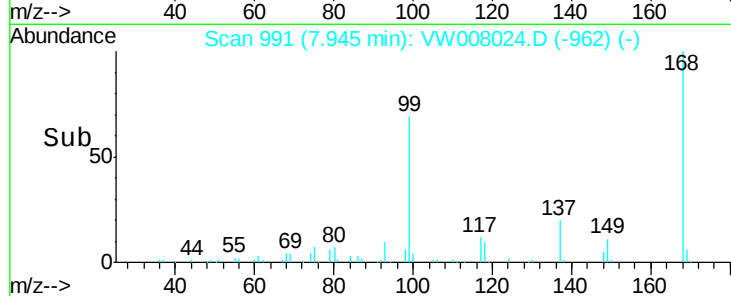
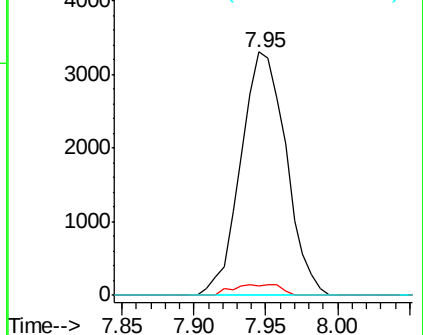
121 0.0 25.8 38.8#



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



#50

Toluene-d8

Concen: 49.490 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008024.D

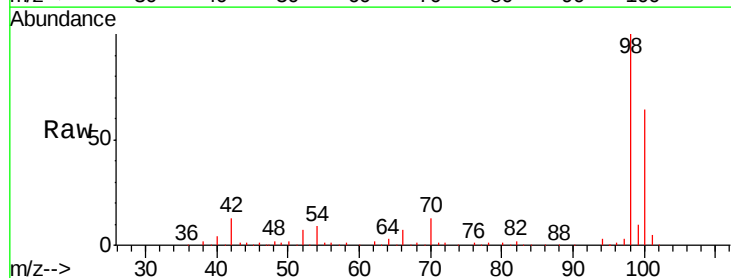
Acq: 03 Jan 2019 16:44

Tgt Ion: 98 Resp: 135222

Ion Ratio Lower Upper

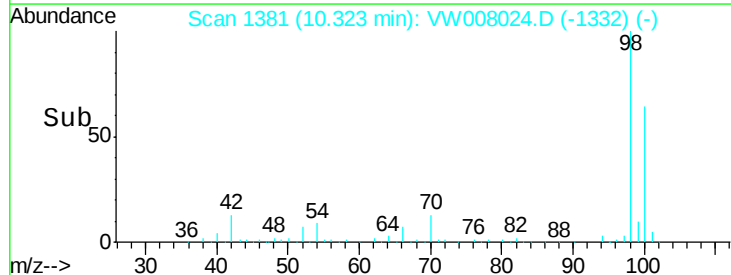
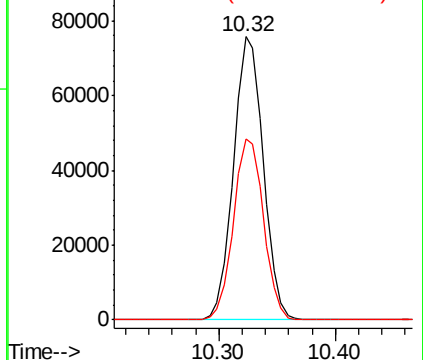
98 100

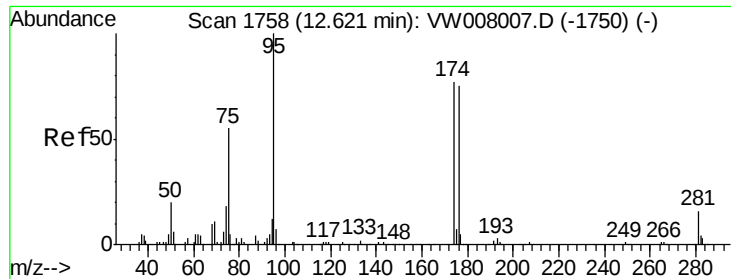
100 64.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

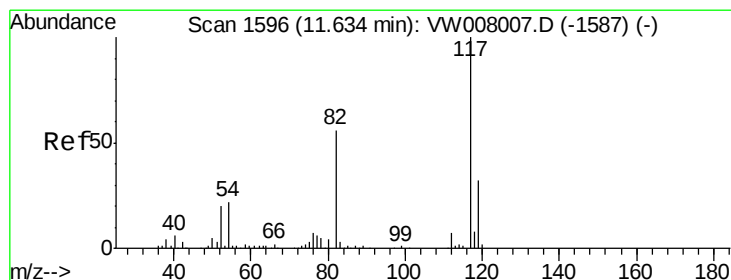
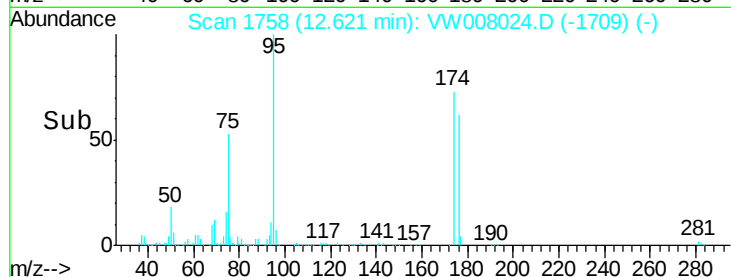
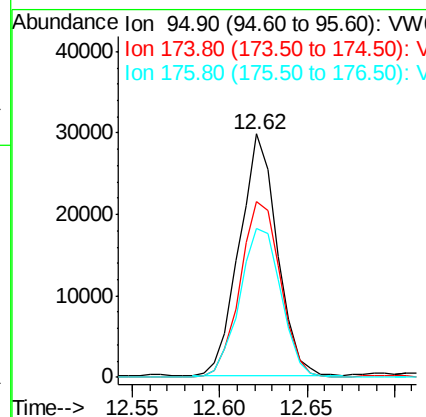
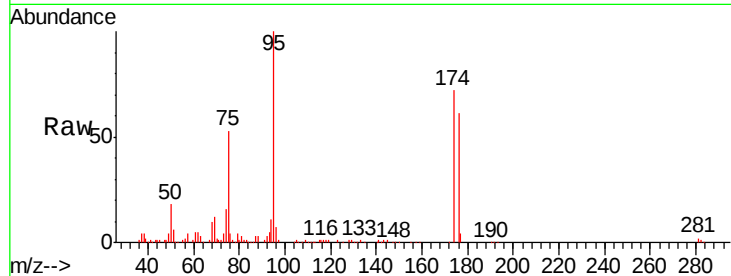




#62
4-Bromofluorobenzene
Concen: 42.284 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

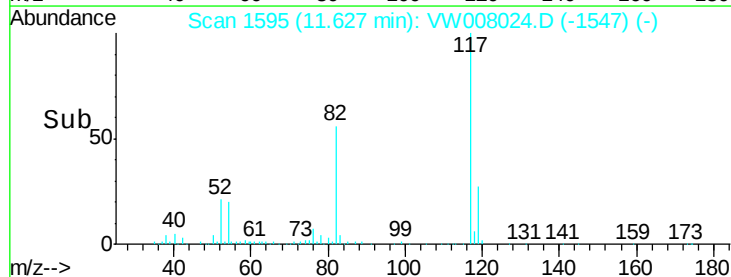
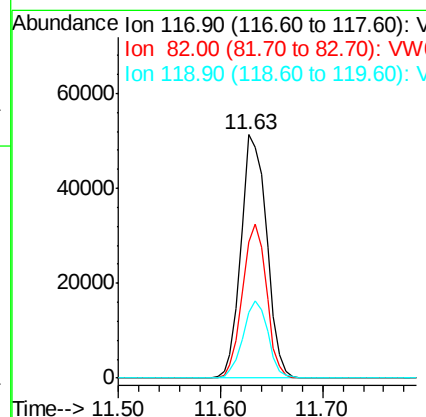
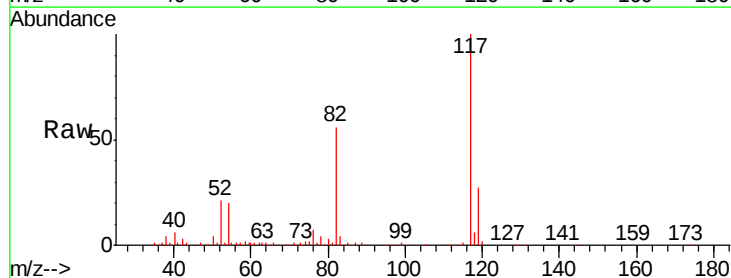
Instrument :
MSVOA_W
ClientSampled :
TP-5

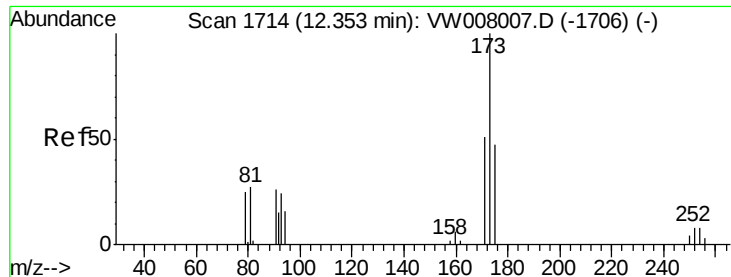
Tgt Ion: 95 Resp: 44307
Ion Ratio Lower Upper
95 100
174 78.4 0.0 149.6
176 68.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

Tgt Ion: 117 Resp: 89489
Ion Ratio Lower Upper
117 100
82 56.0 44.8 67.2
119 26.9 25.6 38.4





#71

Bromoform

Concen: 1.362 ug/l

RT: 12.36 min Scan# 1715

Delta R.T. 0.01 min

Lab File: VW008024.D

Acq: 03 Jan 2019 16:44

Instrument :

MSVOA_W

ClientSampled :

TP-5

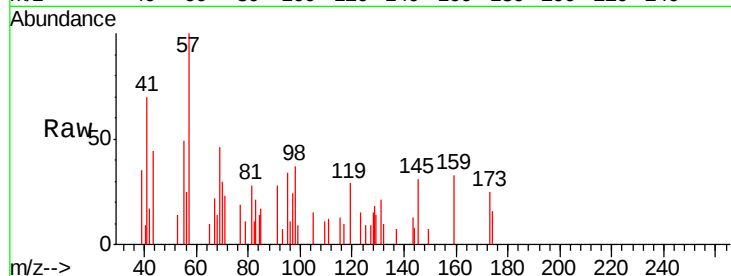
Tgt Ion:173 Resp: 437

Ion Ratio Lower Upper

173 100

175 0.0 23.6 71.0#

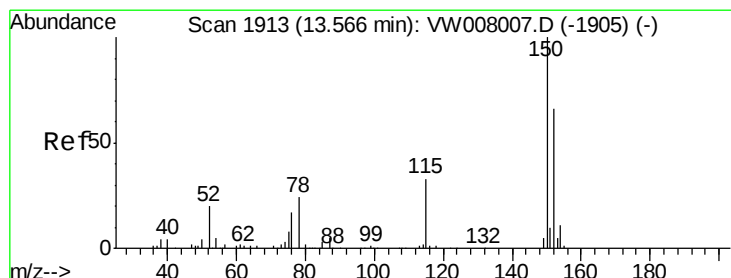
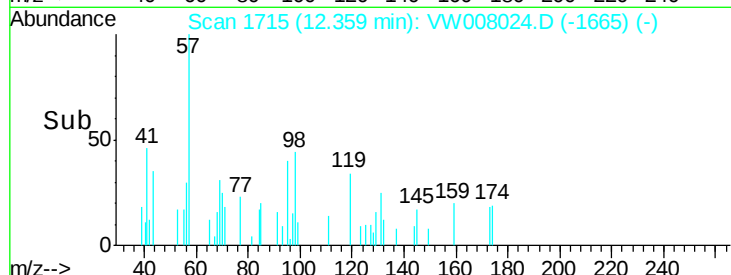
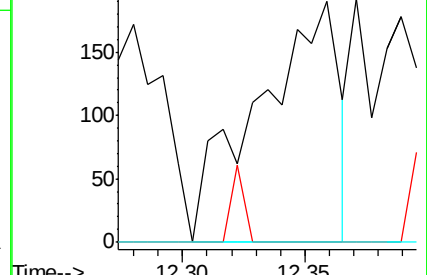
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW008024.D

Acq: 03 Jan 2019 16:44

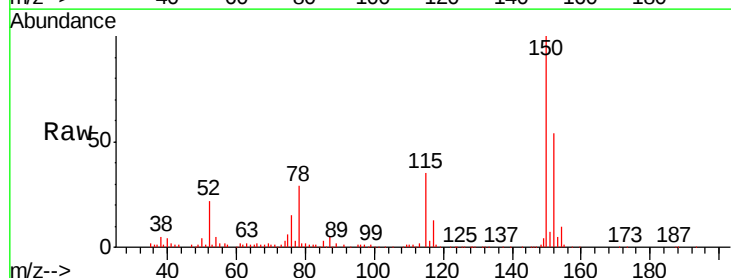
Tgt Ion:152 Resp: 35371

Ion Ratio Lower Upper

152 100

115 68.3 32.1 96.5

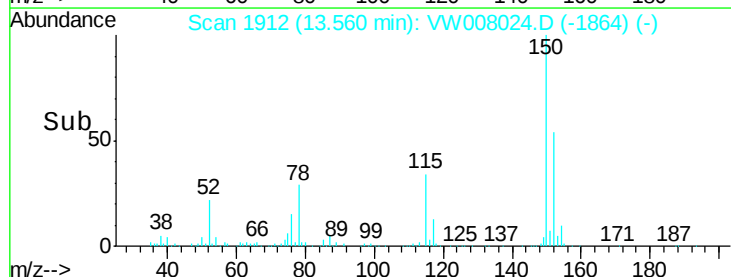
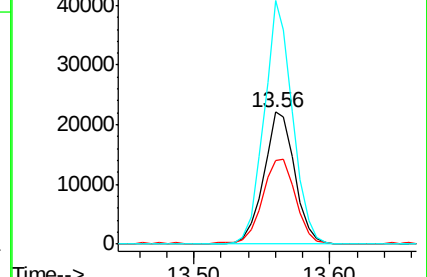
150 168.3 0.0 345.0

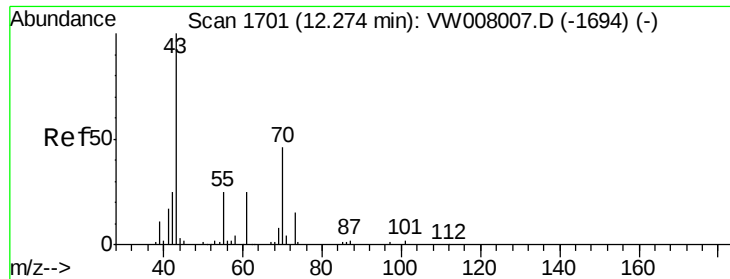


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

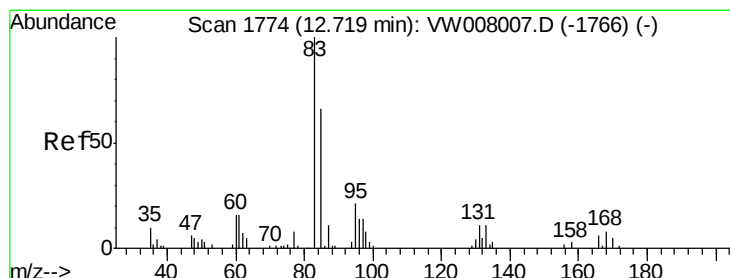
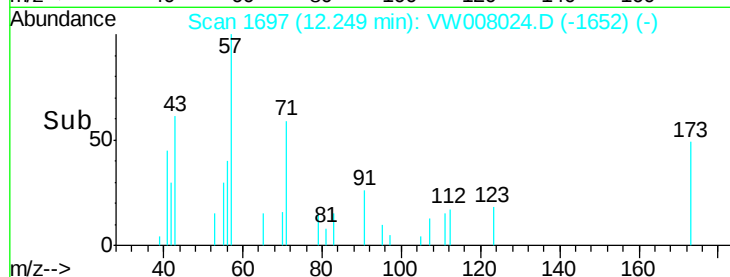
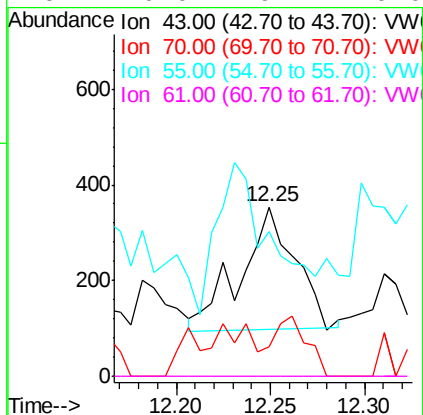
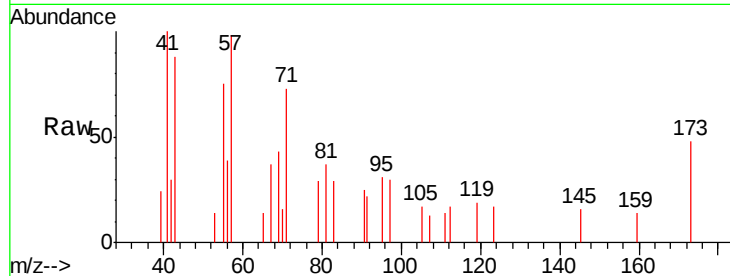




#74
N-ethyl acetate
Concen: 1.179 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.02 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

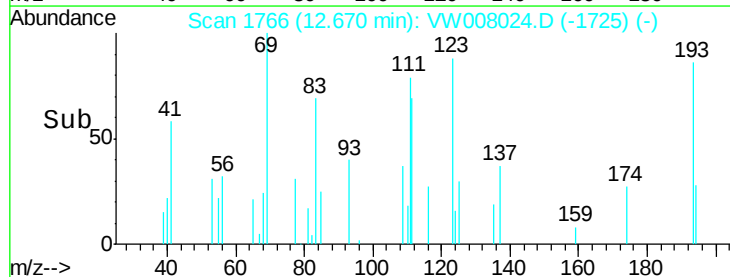
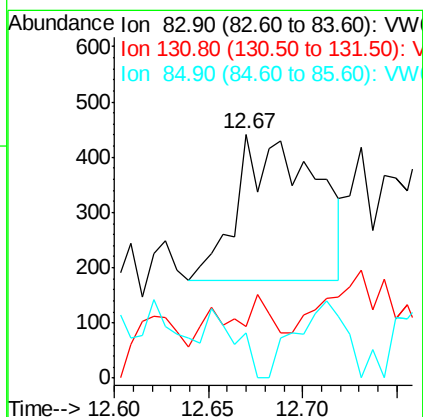
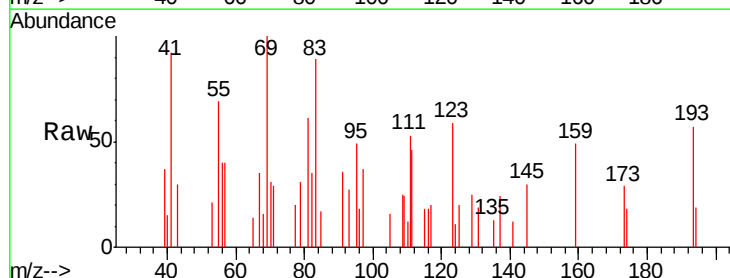
Instrument :
MSVOA_W
ClientSampled :
TP-5

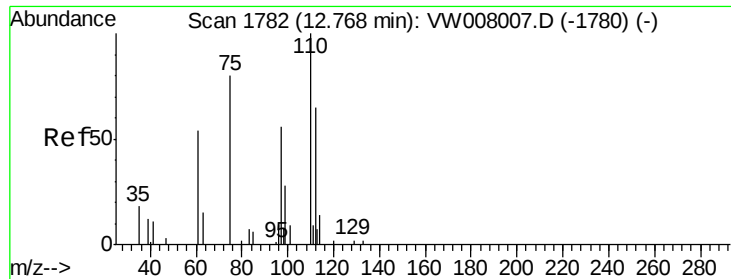
Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
70 30.6 35.2 52.8#
55 0.0 21.4 32.0#
61 0.0 19.4 29.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.096 ug/l
RT: 12.67 min Scan# 1766
Delta R.T. -0.05 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

Tgt Ion: 83 Resp: 750
Ion Ratio Lower Upper
83 100
131 13.7 6.5 19.5
85 0.0 32.8 98.3#





#76

1,2,3-Trichloropropane

Concen: 85.368 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008024.D

Acq: 03 Jan 2019 16:44

Instrument :

MSVOA_W

ClientSampled :

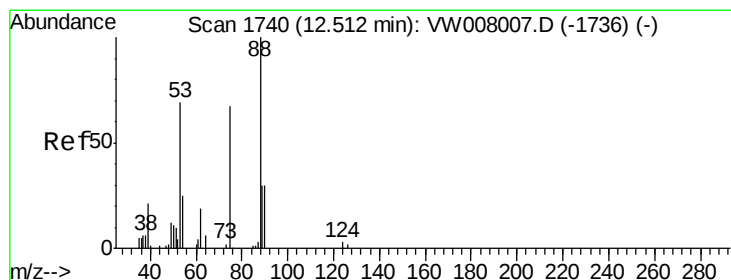
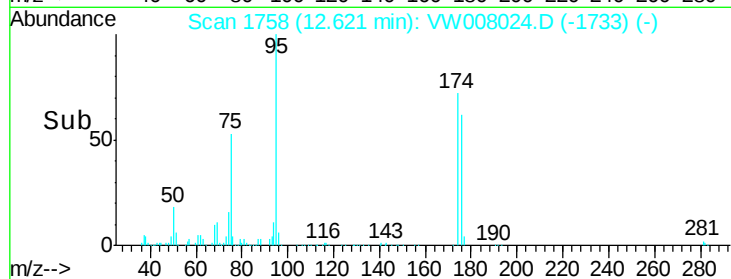
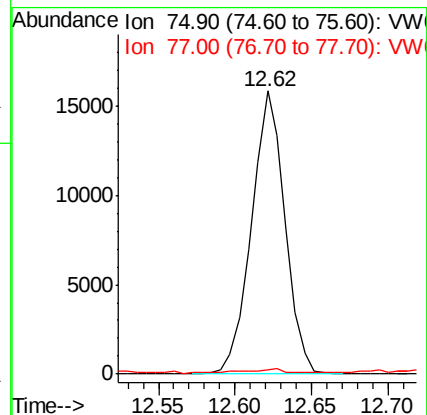
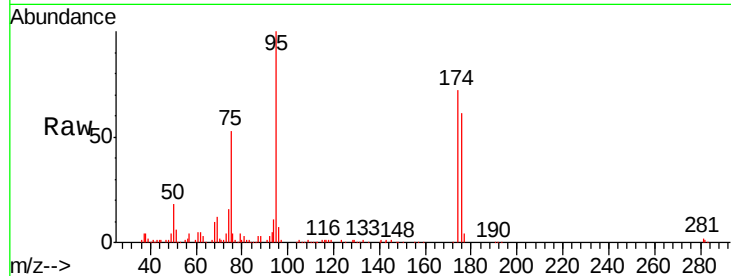
TP-5

Tgt Ion: 75 Resp: 24022

Ion Ratio Lower Upper

75 100

77 1.5 186.2 558.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 201.882 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008024.D

Acq: 03 Jan 2019 16:44

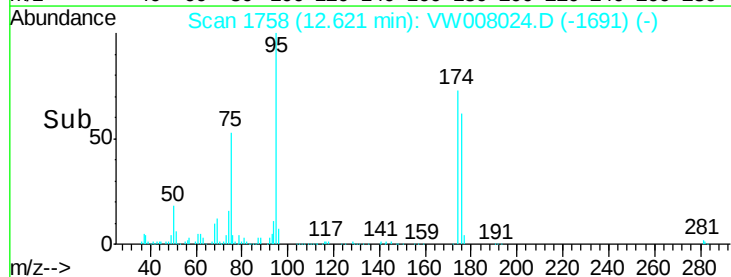
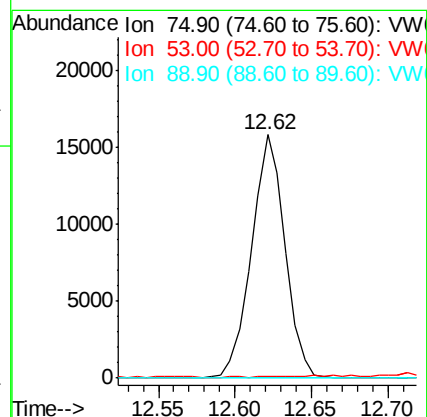
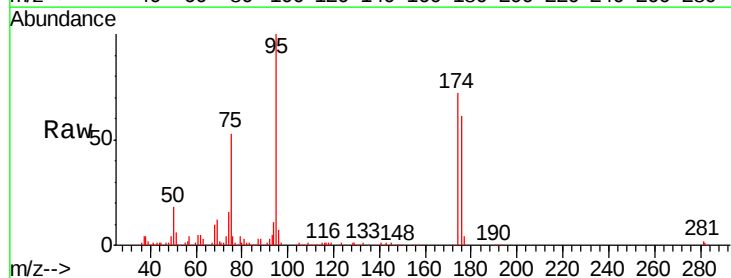
Tgt Ion: 75 Resp: 24022

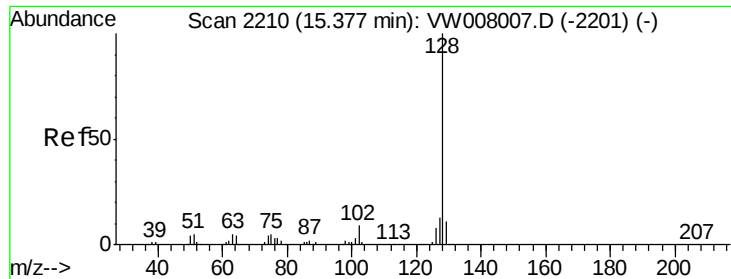
Ion Ratio Lower Upper

75 100

53 0.3 87.6 131.4#

89 0.0 42.2 63.2#

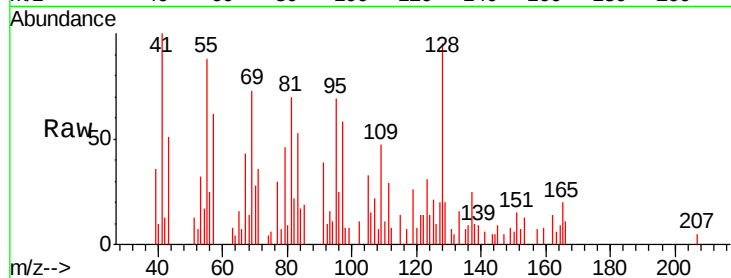




#95
Naphthalene
Concen: 1.627 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008024.D
Acq: 03 Jan 2019 16:44

Instrument :
MSVOA_W
ClientSampleId :
TP-5

Tgt Ion:128 Resp: 2086
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

