

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010319\
 Data File : VW008031.D
 Acq On : 03 Jan 2019 19:51
 Operator : SY/AP
 Sample : K1017-01RE
 Misc : 5.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1RE

Quant Time: Jan 04 00:33:51 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	63120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	107153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	24782	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	37901	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	
35) Dibromofluoromethane	7.88	113	33787	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	10.32	98	124297	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.62	95	33318	34.29	ug/l	0.00
Spiked Amount			Recovery	=	68.58%	

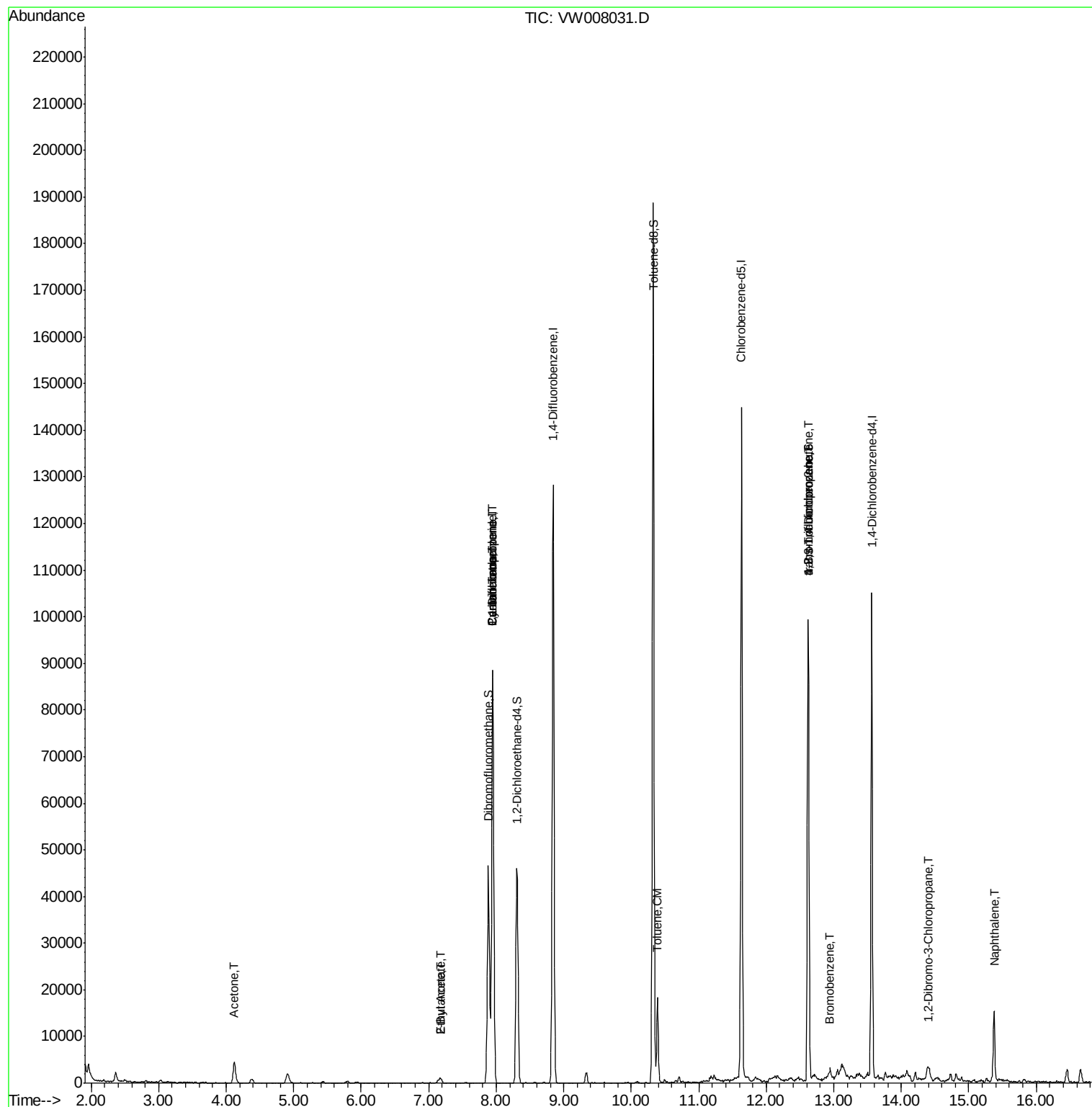
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	7991	73.943	ug/l	94
25) 2-Butanone	7.18	43	1338	10.508	ug/l	90
31) Cyclohexane	7.95	56	1676	1.571	ug/l #	29
36) 1,1-Dichloropropene	7.95	75	4916	4.651	ug/l #	51
37) Ethyl Acetate	7.18	43	1338	4.214	ug/l #	67
38) Carbon Tetrachloride	7.95	117	6997	5.523	ug/l #	16
52) Toluene	10.39	92	7659	4.160	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	18185	92.238	ug/l #	1
77) Bromobenzene	12.93	156	499	1.178	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	18185	218.128	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	14.40	75	205	4.028	ug/l #	2
95) Naphthalene	15.38	128	13176	14.667	ug/l	96

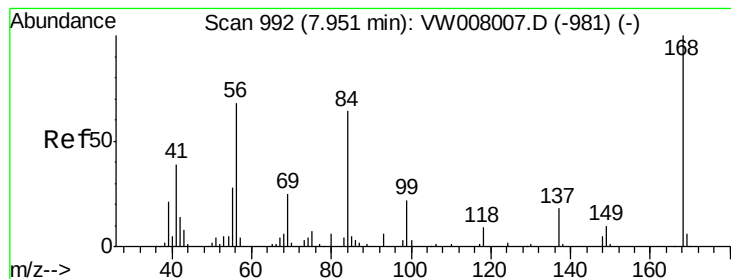
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008031.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

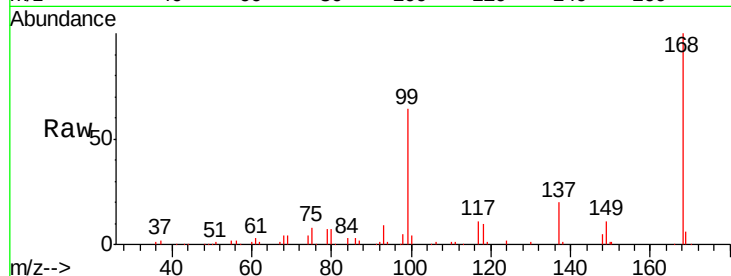
TP-1RE

Tgt Ion: 168 Resp: 63120

Ion Ratio Lower Upper

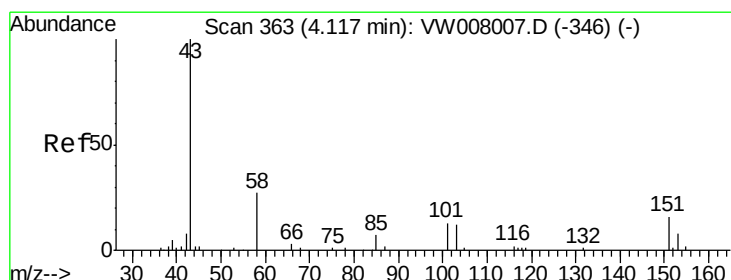
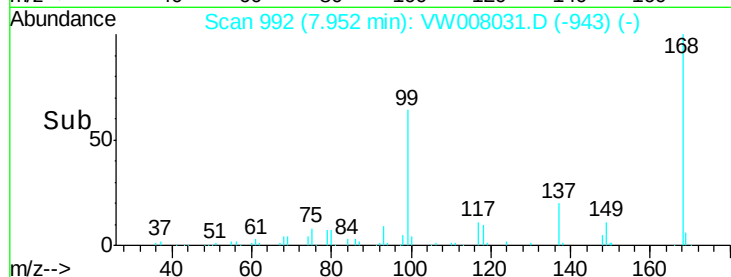
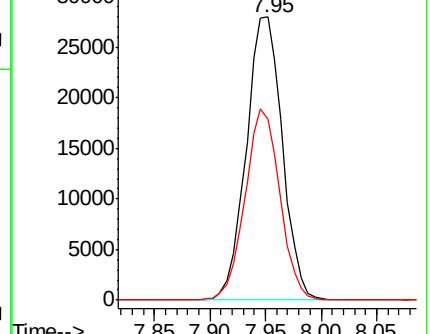
168 100

99 64.0 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: 73.943 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008031.D

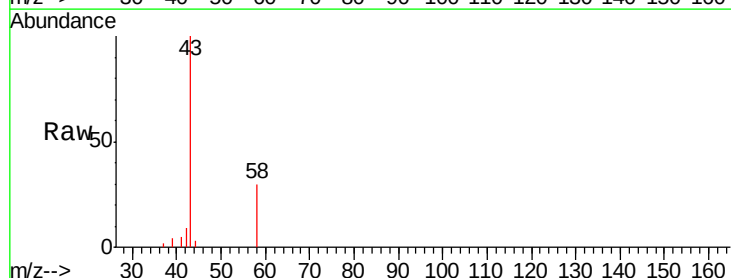
Acq: 03 Jan 2019 19:51

Tgt Ion: 43 Resp: 7991

Ion Ratio Lower Upper

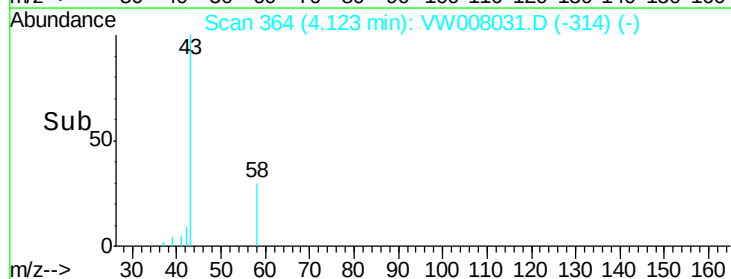
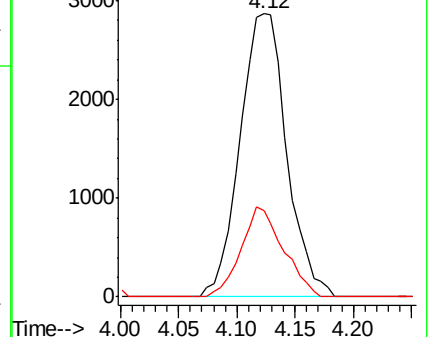
43 100

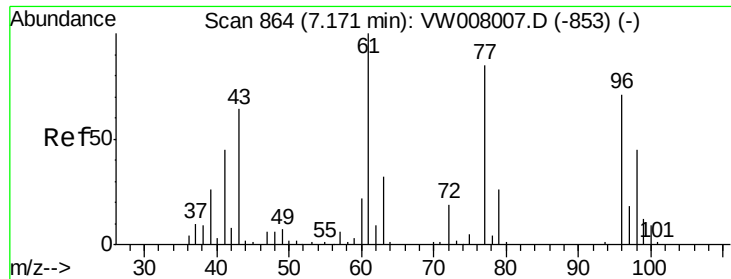
58 30.5 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

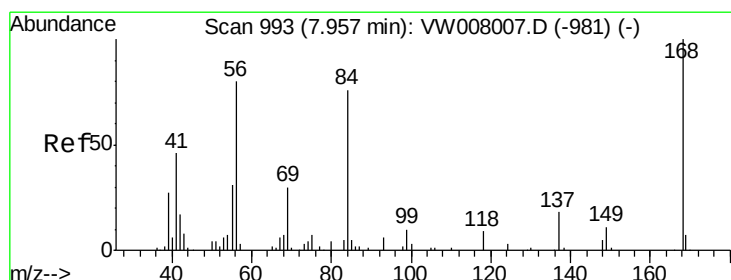
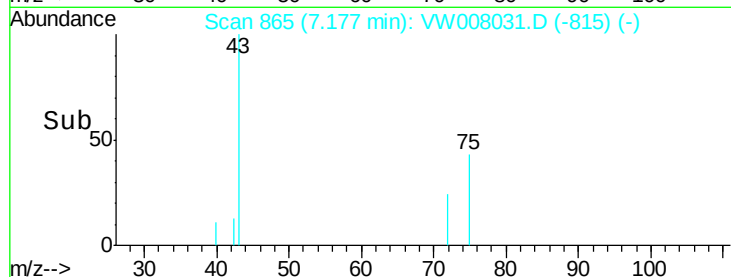
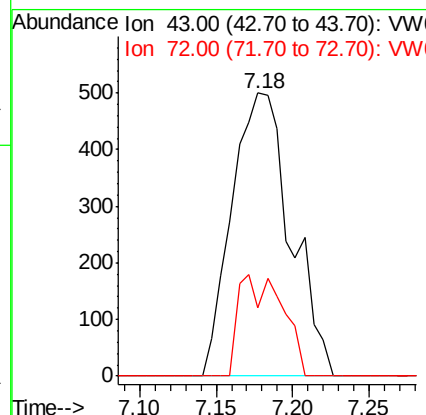
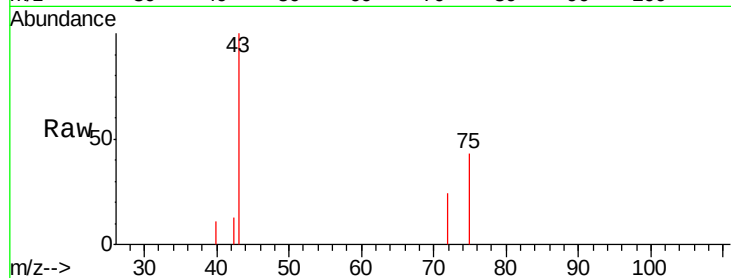




#25
2-Butanone
Concen: 10.508 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

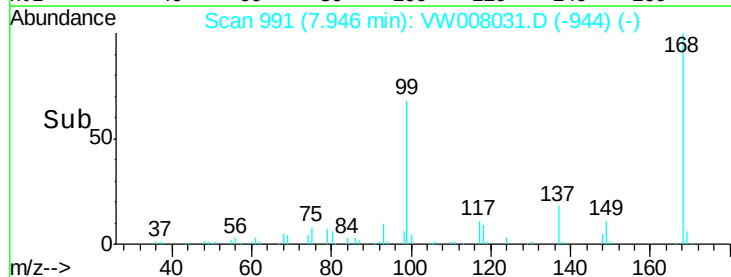
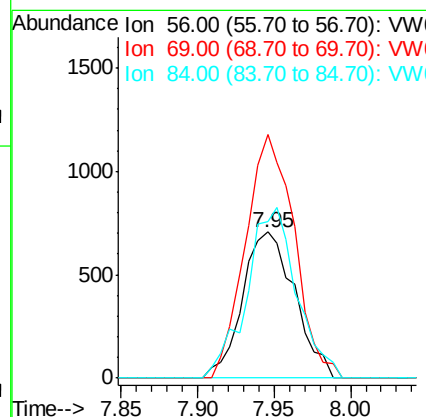
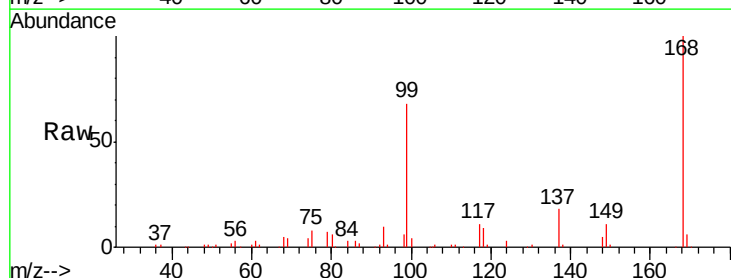
Instrument :
MSVOA_W
ClientSampled :
TP-1RE

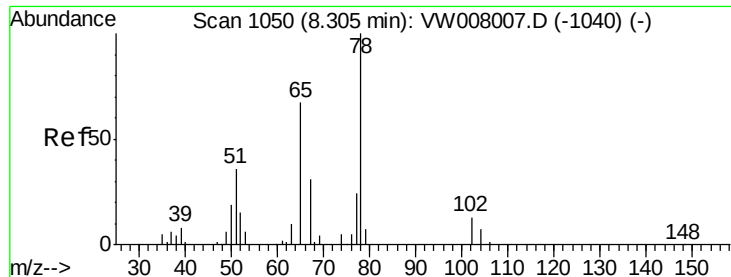
Tgt Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
72 24.2 23.8 35.8



#31
Cyclohexane
Concen: 1.571 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 56 Resp: 1676
Ion Ratio Lower Upper
56 100
69 166.9 29.8 44.6#
84 107.2 75.2 112.8

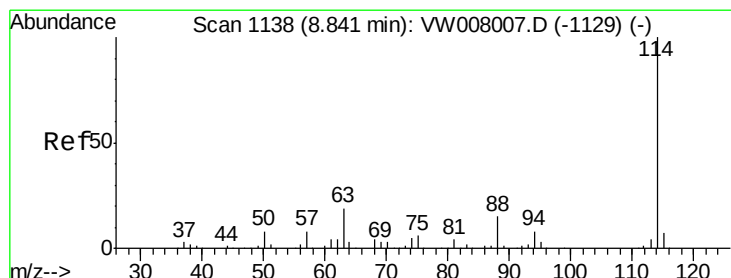
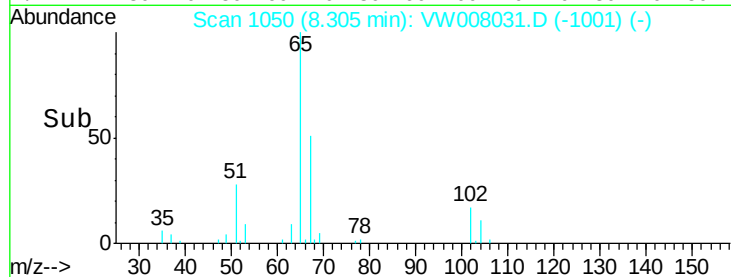
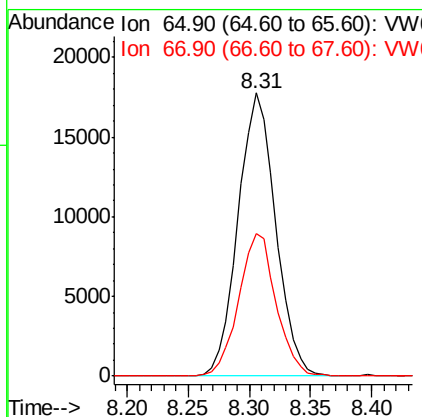
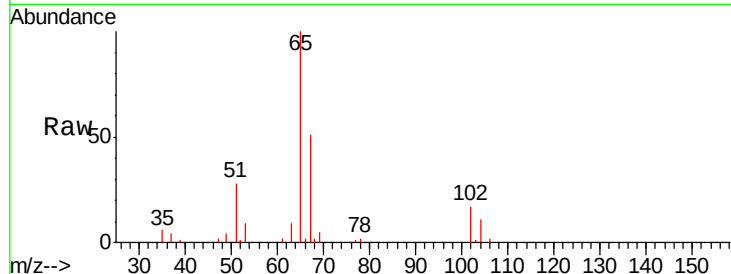




#33
 1,2-Dichloroethane-d4
 Concen: 54.288 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008031.D
 Acq: 03 Jan 2019 19:51

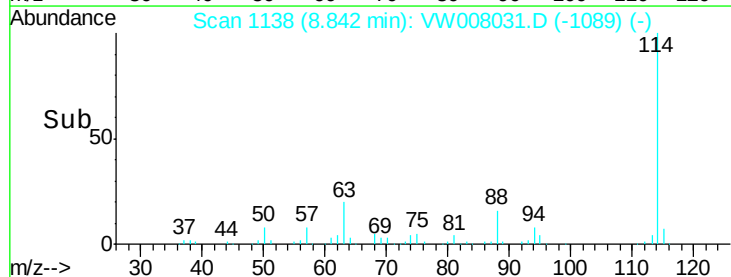
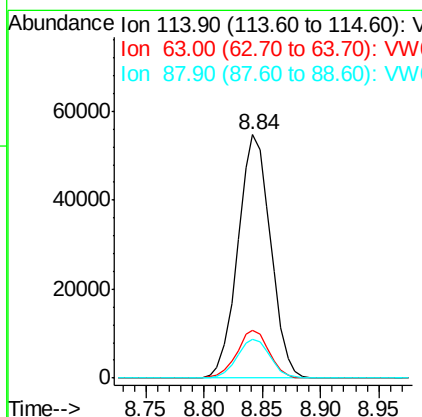
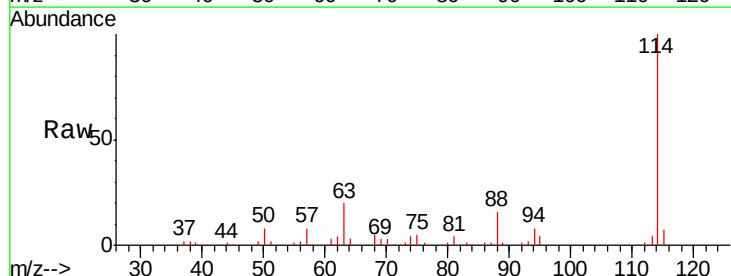
Instrument :
 MSVOA_W
 ClientSampled :
 TP-1RE

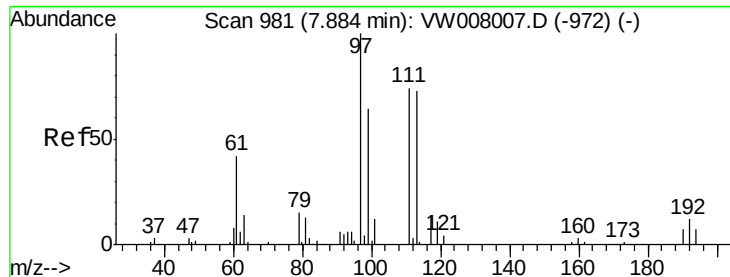
Tgt Ion: 65 Resp: 37901
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008031.D
 Acq: 03 Jan 2019 19:51

Tgt Ion: 114 Resp: 107153
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.8
 88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.018 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_W

ClientSampleId :

TP-1RE

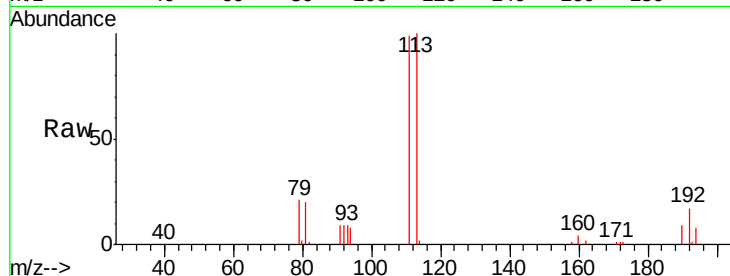
Tgt Ion:113 Resp: 33787

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.0

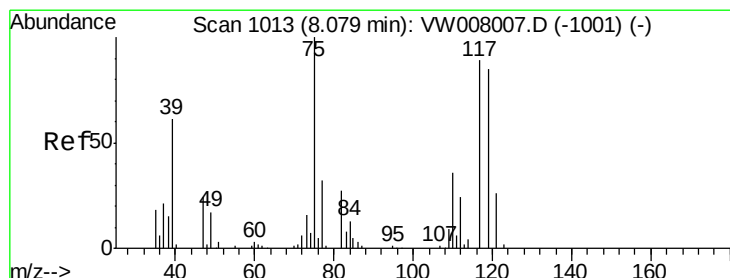
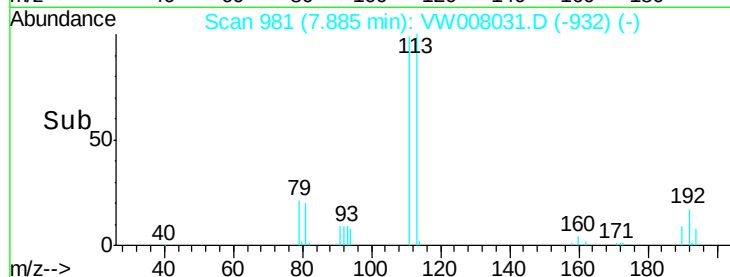
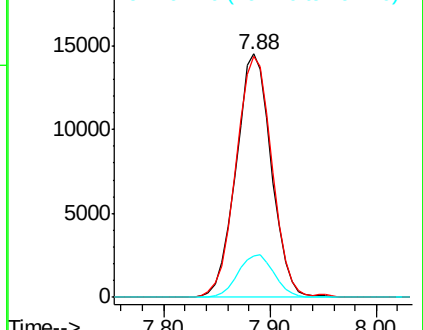
192 17.8 14.8 22.2



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: 4.651 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

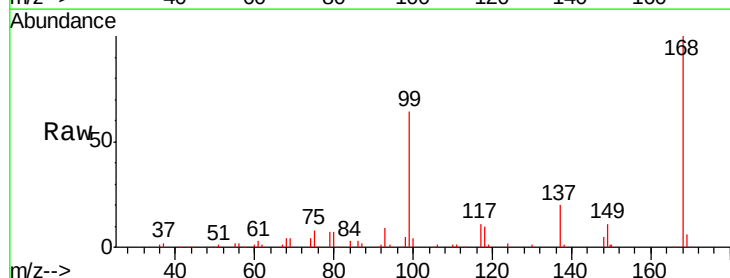
Tgt Ion: 75 Resp: 4916

Ion Ratio Lower Upper

75 100

110 11.4 18.1 54.3#

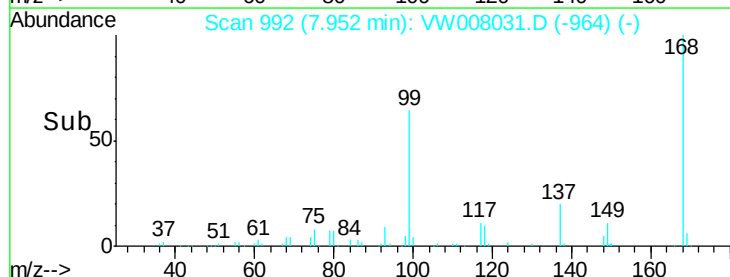
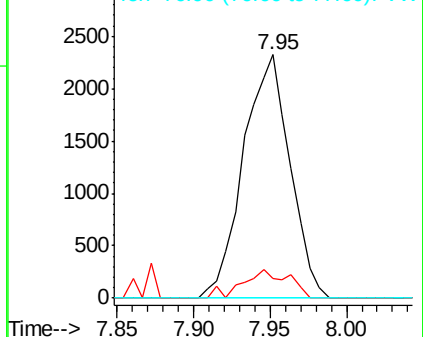
77 0.0 25.3 37.9#

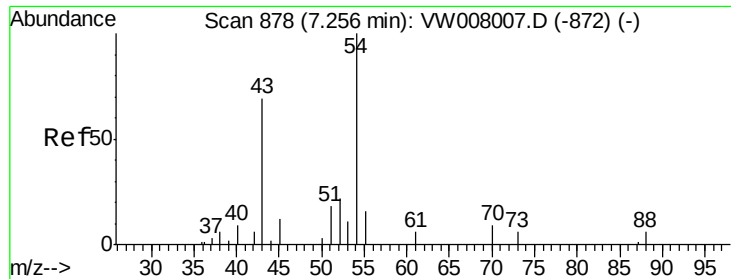


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

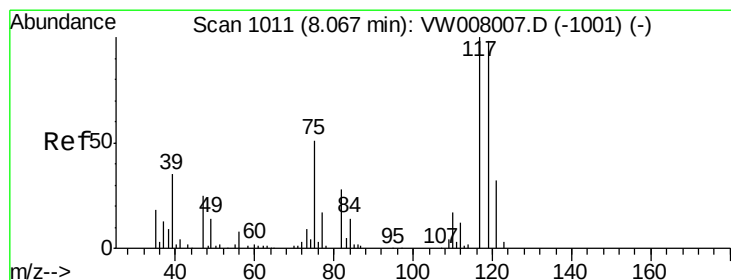
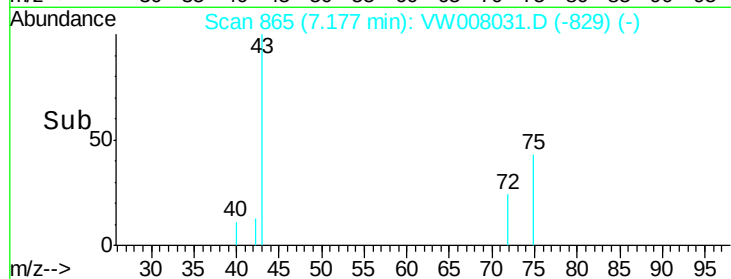
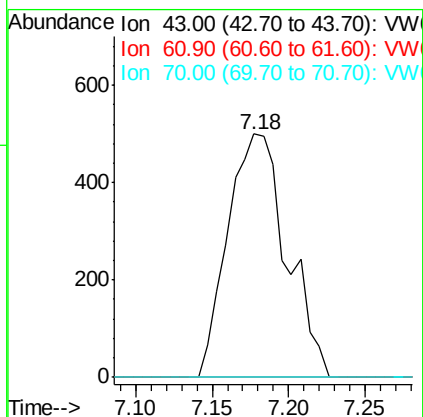
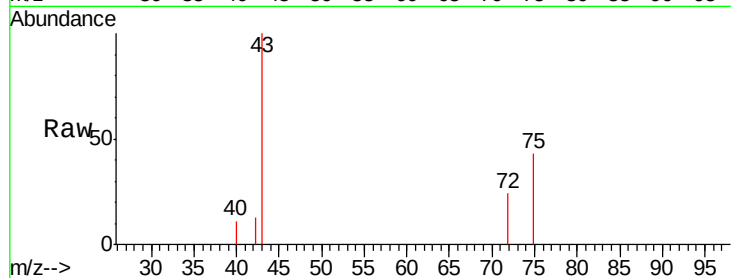




#37
Ethyl Acetate
Concen: 4.214 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.08 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

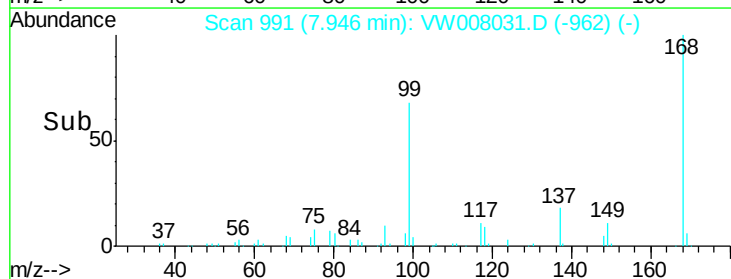
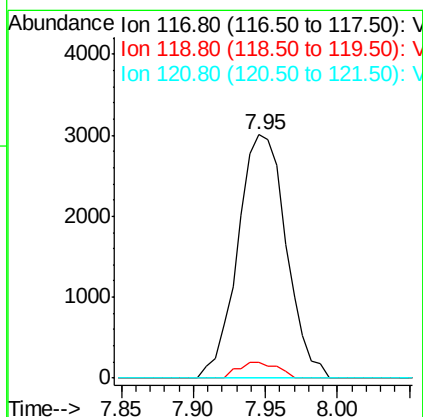
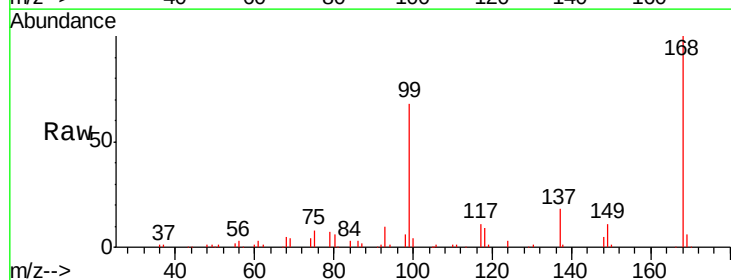
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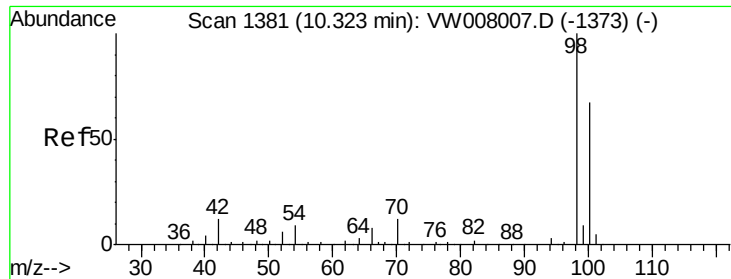
Tgt Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.2#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 5.523 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 117 Resp: 6997
Ion Ratio Lower Upper
117 100
119 6.4 78.7 118.1#
121 0.0 25.8 38.8#

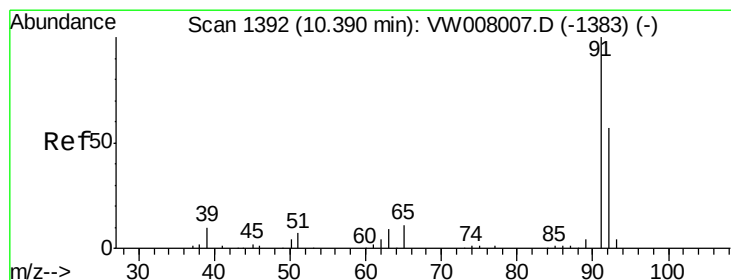
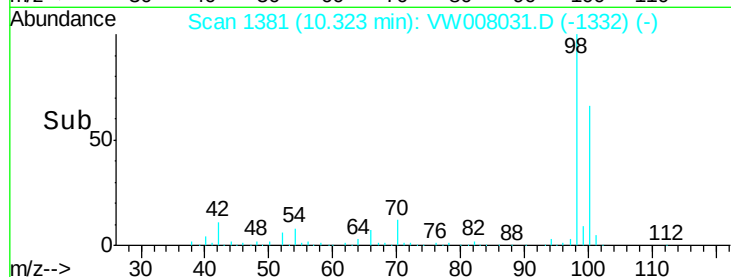
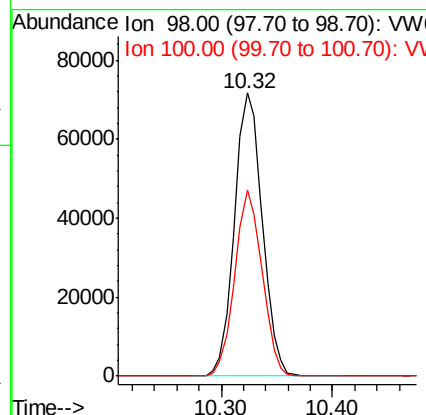
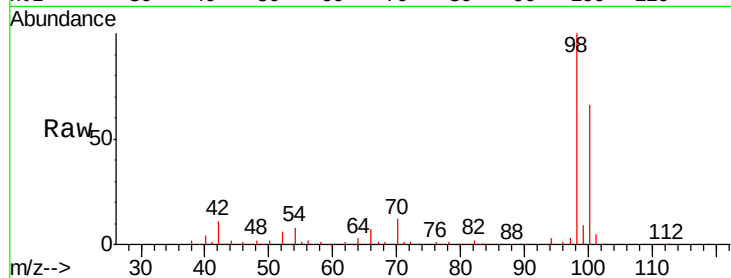




#50
Toluene-d8
Concen: 49.053 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

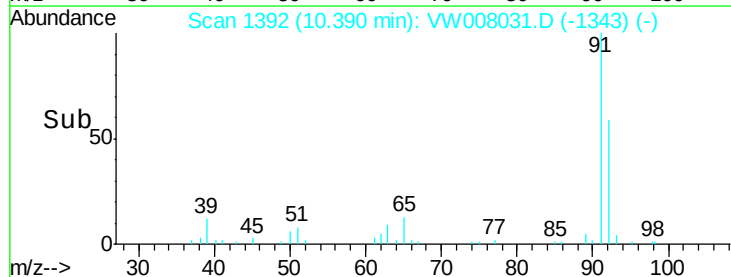
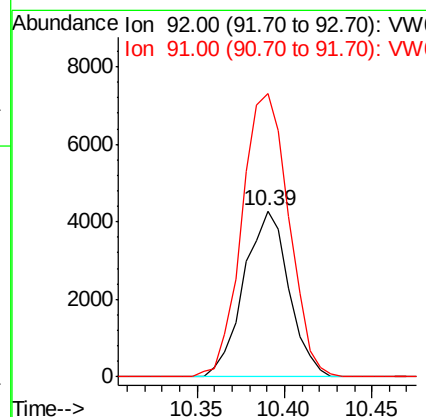
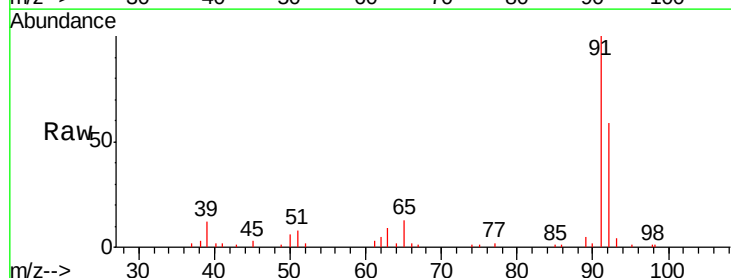
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MSVOA_W
ClientSampled :
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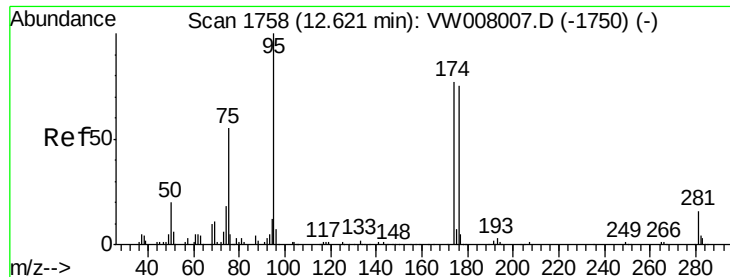
Tgt Ion: 98 Resp: 124297
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#52
Toluene
Concen: 4.160 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 92 Resp: 7659
Ion Ratio Lower Upper
92 100
91 177.8 136.9 205.3

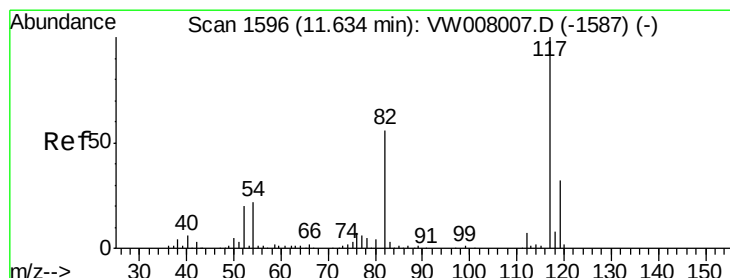
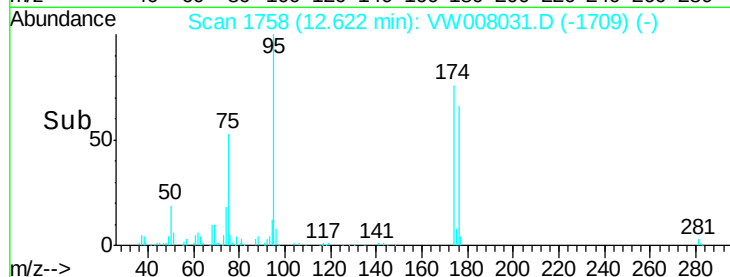
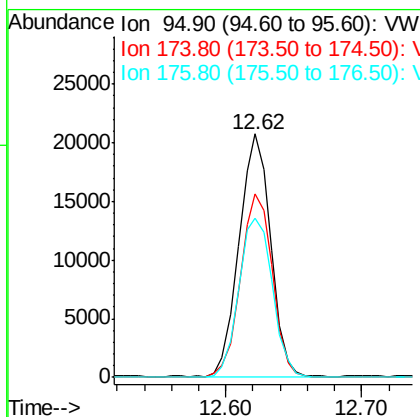
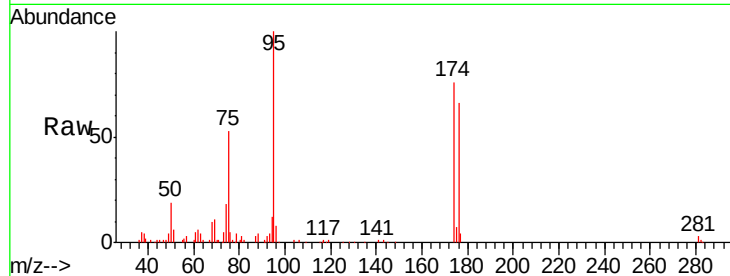




#62
4-Bromofluorobenzene
Concen: 34.285 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

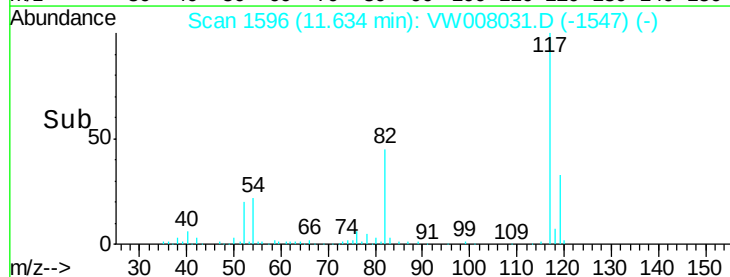
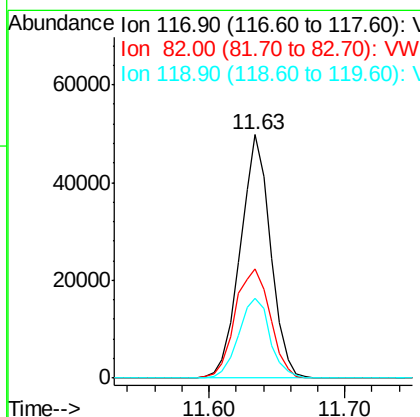
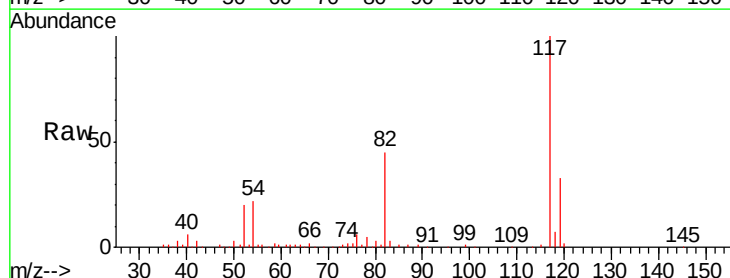
Instrument :
MSVOA_W
ClientSampled :
TP-1RE

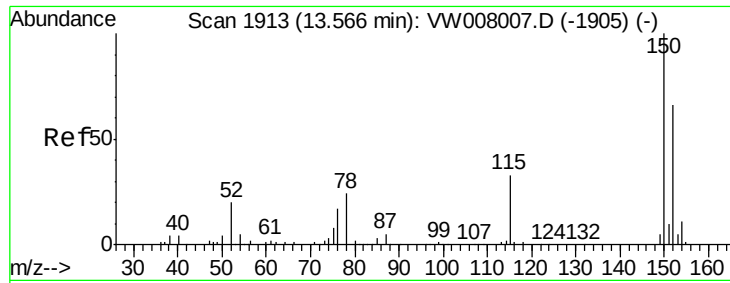
Tgt Ion: 95 Resp: 33318
Ion Ratio Lower Upper
95 100
174 76.6 0.0 149.6
176 70.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008031.D
Acq: 03 Jan 2019 19:51

Tgt Ion: 117 Resp: 77141
Ion Ratio Lower Upper
117 100
82 45.0 44.8 67.2
119 32.8 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: VW008031.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_W

ClientSampled :

TP-1RE

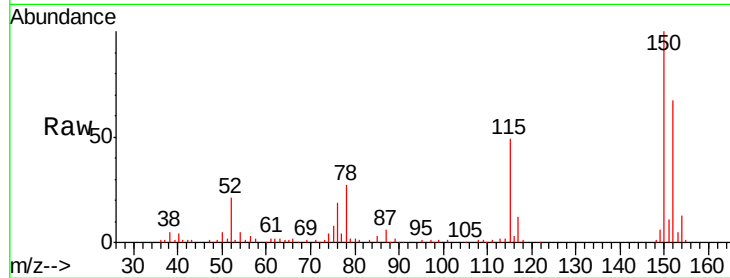
Tgt Ion:152 Resp: 24782

Ion Ratio Lower Upper

152 100

115 71.1 32.1 96.5

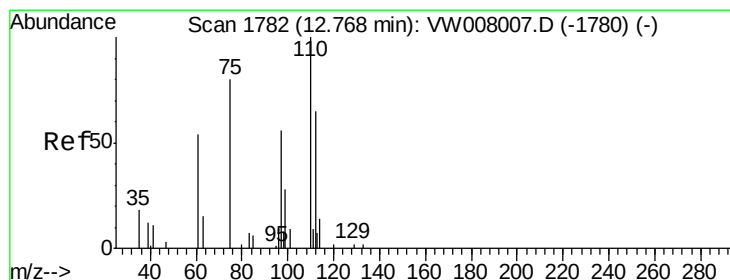
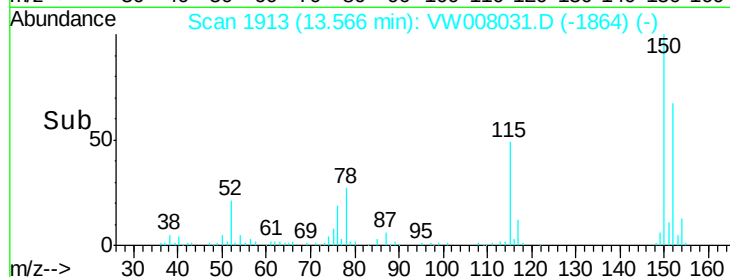
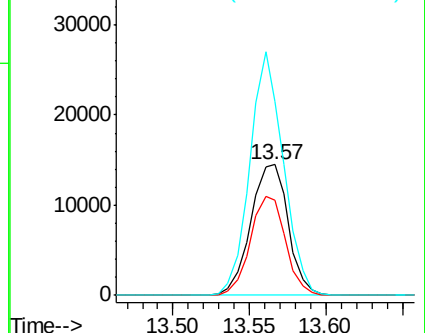
150 165.7 0.0 345.0



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: 92.238 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008031.D

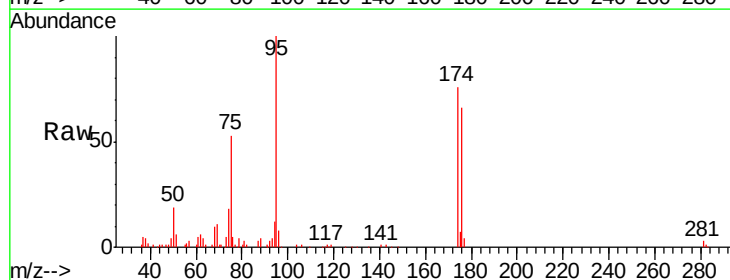
Acq: 03 Jan 2019 19:51

Tgt Ion: 75 Resp: 18185

Ion Ratio Lower Upper

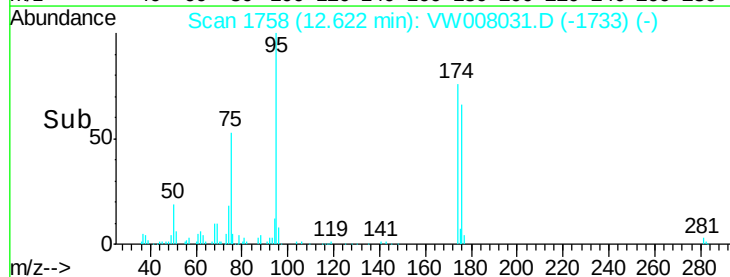
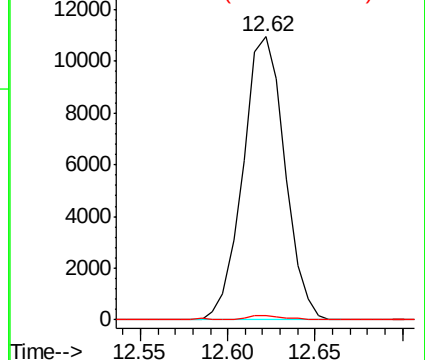
75 100

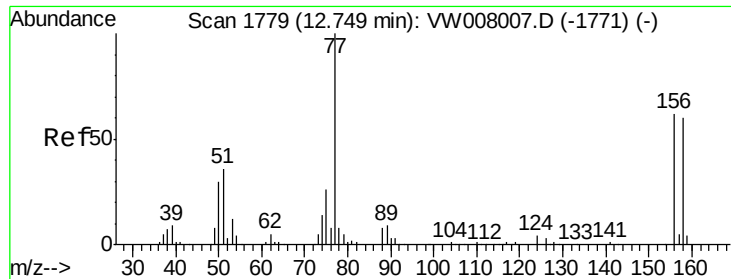
77 1.3 186.2 558.6#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 1.178 ug/l

RT: 12.93 min Scan# 1808

Delta R.T. 0.18 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_W

ClientSampled :

TP-1RE

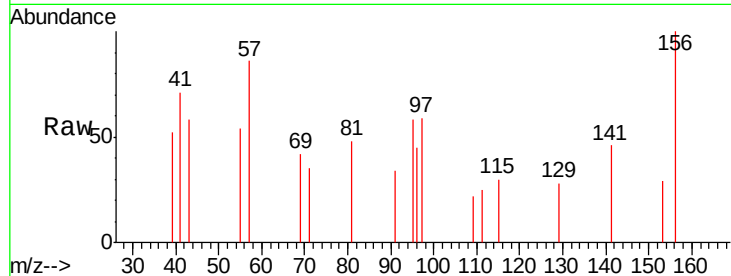
Tgt Ion: 156 Resp: 499

Ion Ratio Lower Upper

156 100

77 9.6 87.9 263.8#

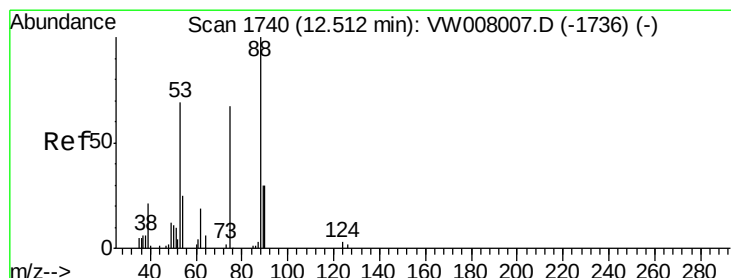
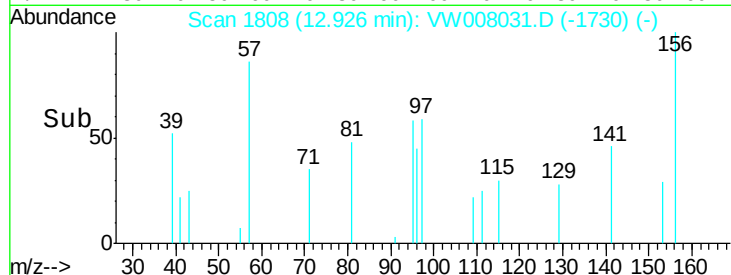
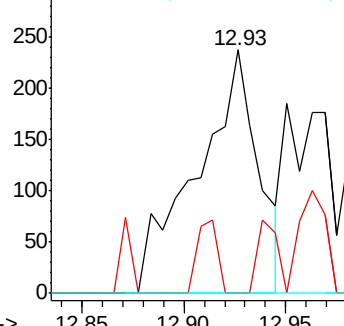
158 0.0 47.8 143.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 218.128 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

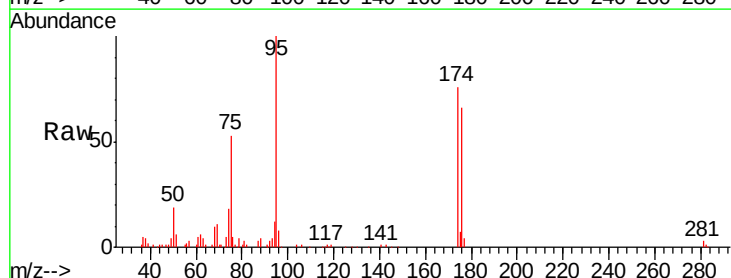
Tgt Ion: 75 Resp: 18185

Ion Ratio Lower Upper

75 100

53 0.0 87.6 131.4#

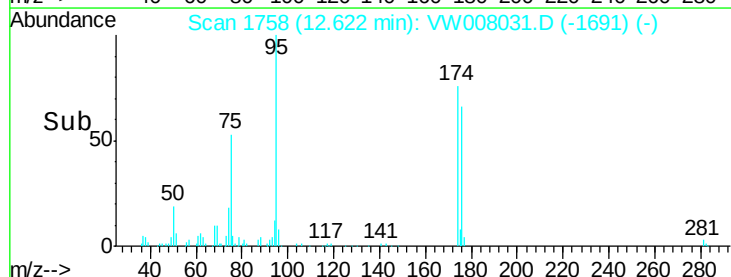
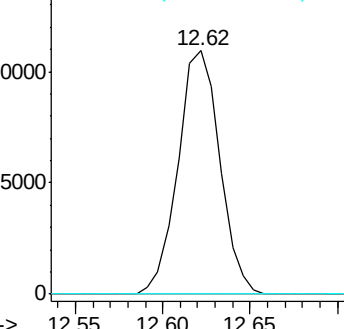
89 0.0 42.2 63.2#

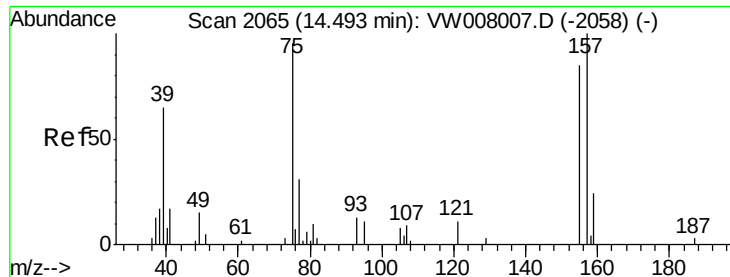


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.028 ug/l

RT: 14.40 min Scan# 2050

Delta R.T. -0.09 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

Instrument :

MSVOA_W

ClientSampled :

TP-1RE

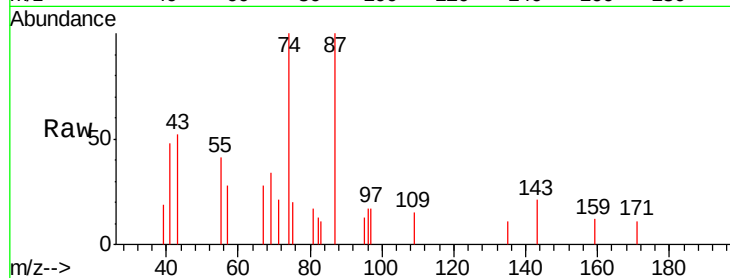
Tgt Ion: 75 Resp: 205

Ion Ratio Lower Upper

75 100

155 0.0 42.4 127.1#

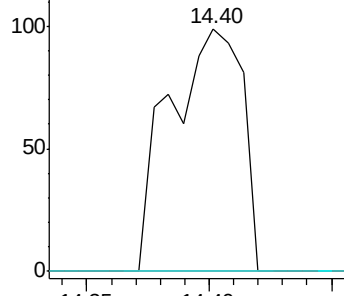
157 0.0 52.3 156.8#



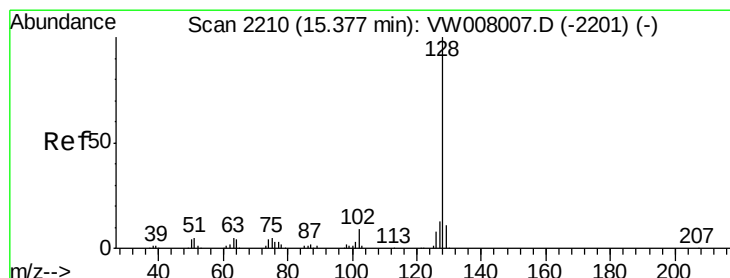
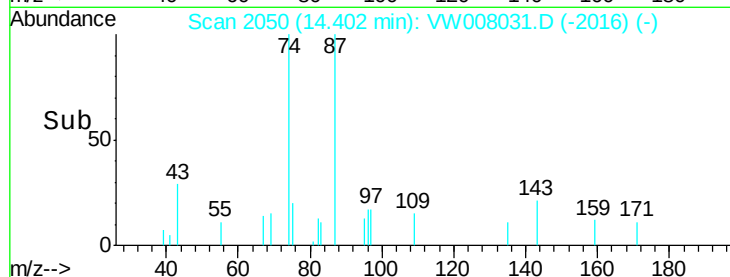
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#95

Naphthalene

Concen: 14.667 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW008031.D

Acq: 03 Jan 2019 19:51

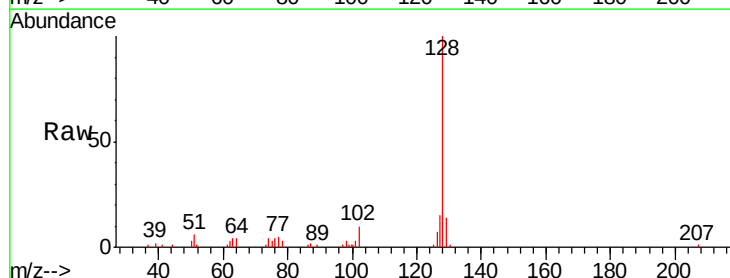
Tgt Ion: 128 Resp: 13176

Ion Ratio Lower Upper

128 100

127 15.4 10.8 16.2

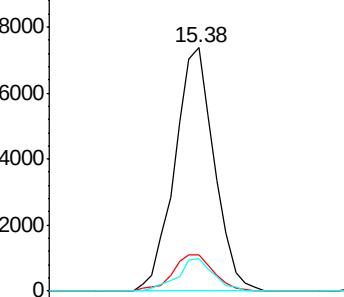
129 12.2 8.8 13.2



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



Time-->

