

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003997.D
 Acq On : 17 Jul 2018 20:31
 Operator : VA/AP
 Sample : J3997-15
 Misc : 4.89G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-D

Quant Time: Jul 18 04:51:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

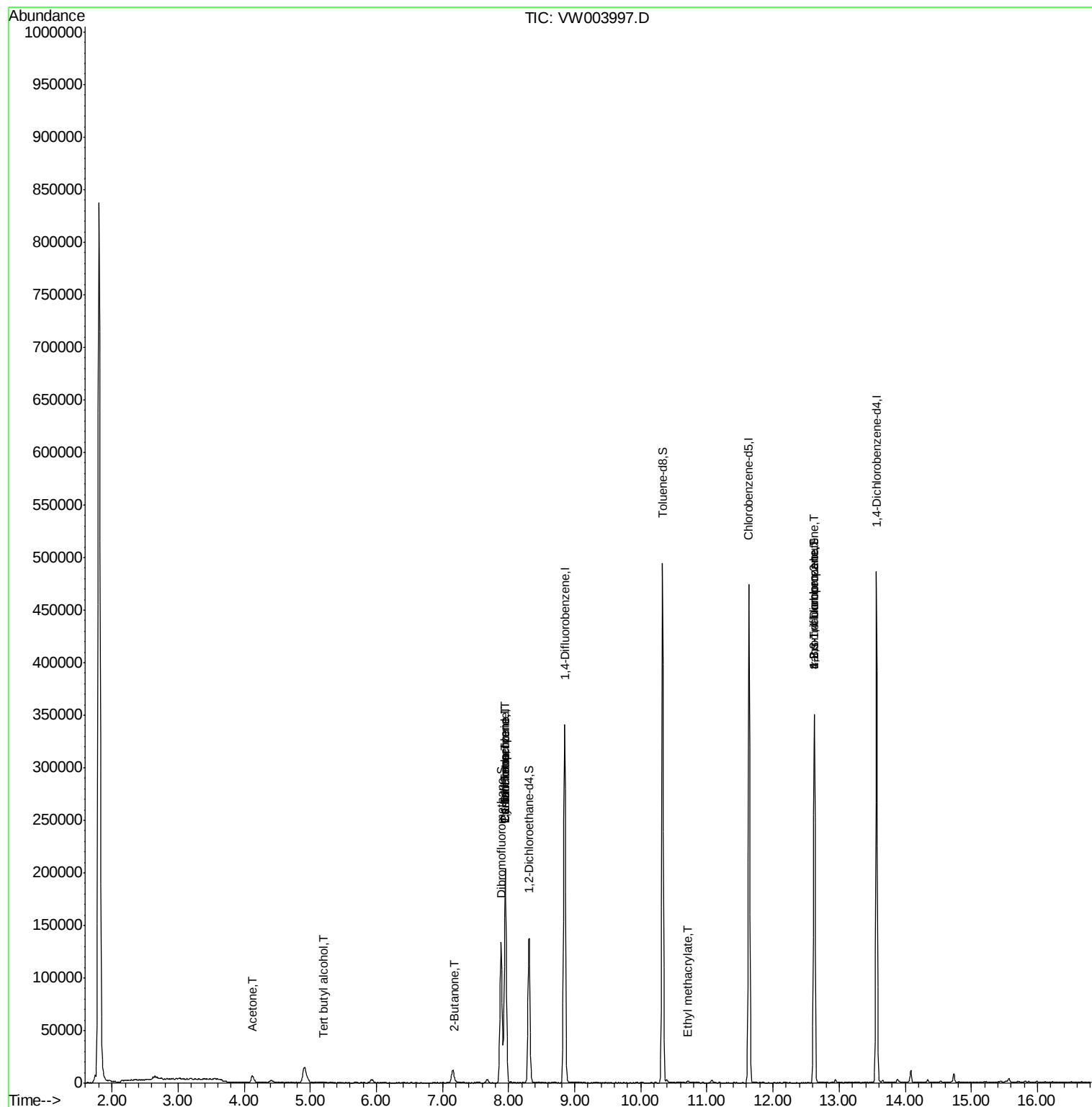
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	267801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	253834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	118614	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	110949	67.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.42%	
35) Dibromofluoromethane	7.88	113	93662	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
50) Toluene-d8	10.33	98	312337	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
62) 4-Bromofluorobenzene	12.62	95	105447	43.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.72%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	209	1.848	ug/l #	72
16) Acetone	4.12	43	12215	31.021	ug/l #	84
25) 2-Butanone	7.18	43	689	1.300	ug/l #	51
31) Cyclohexane	7.95	56	3752	1.380	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	12674	4.600	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14702	5.711	ug/l #	17
56) Ethyl methacrylate	10.70	69	20	2.955	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	56236	47.756	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	56236	105.636	ug/l #	11

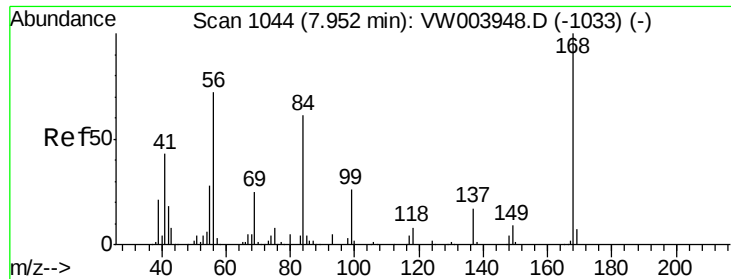
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003997.D

Acq: 17 Jul 2018 20:31

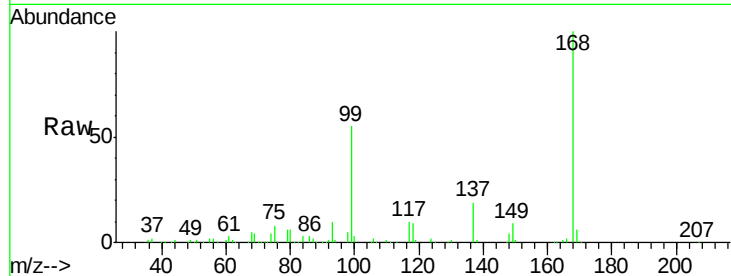
Instrument :
MSVOA_W
ClientSampleId :
TP-H-D

Tot Ion:168 Resp: 146597

Ion Ratio Lower Upper

168 100

99 55.3 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

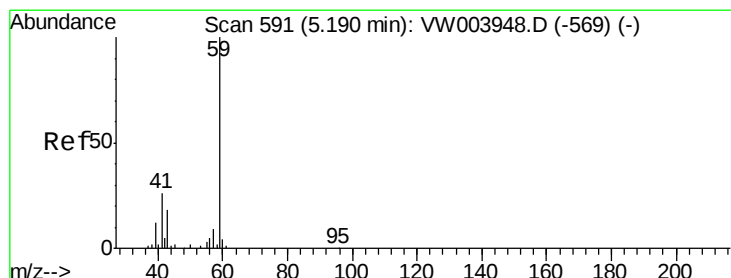
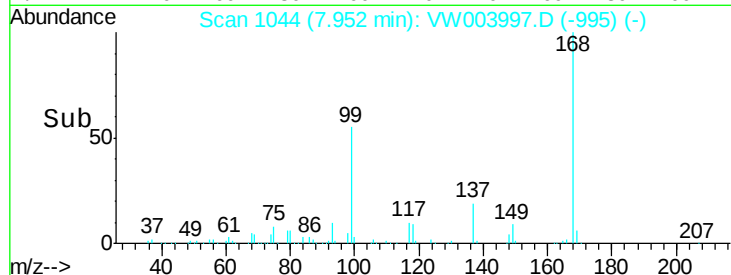
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.848 ug/l

RT: 5.20 min Scan# 592

Delta R.T. 0.01 min

Lab File: VW003997.D

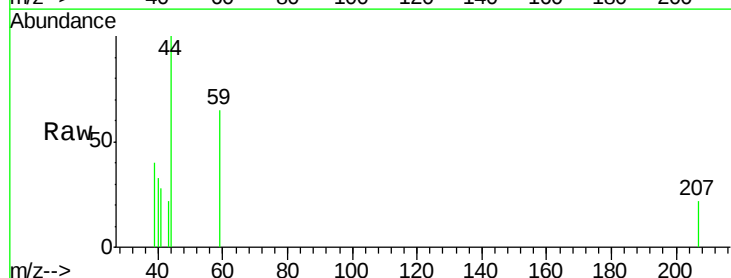
Acq: 17 Jul 2018 20:31

Tgt Ion: 59 Resp: 209

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.20

200

150

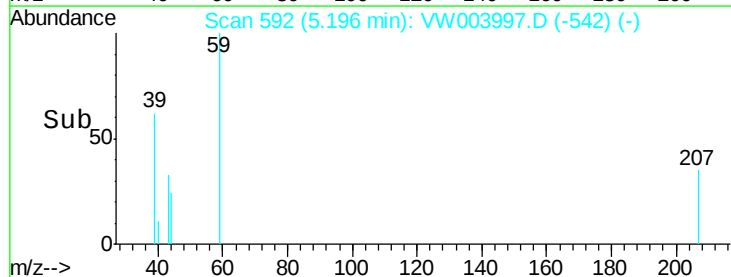
100

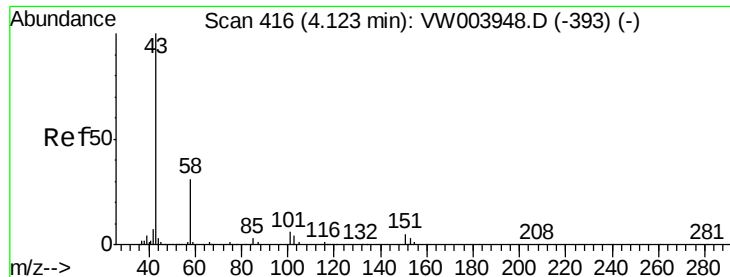
50

0

5.18 5.20 5.22

Time-->

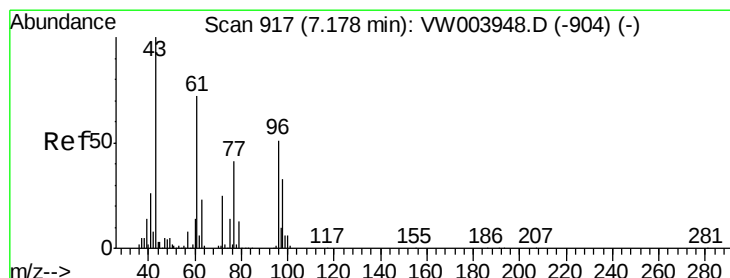
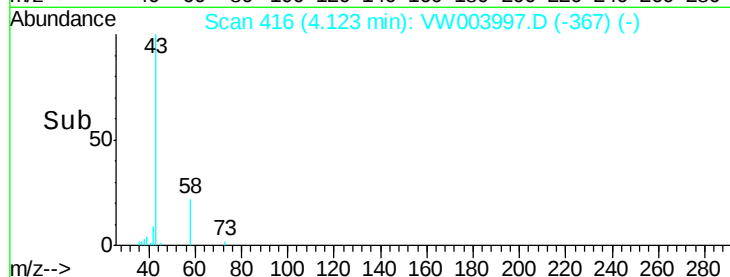
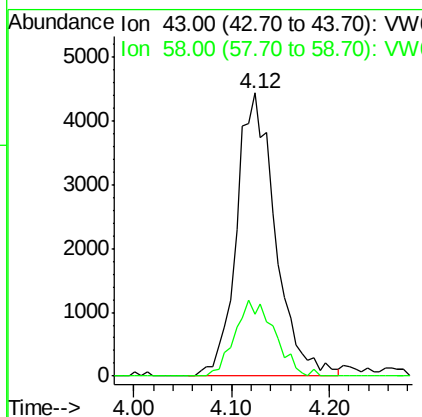
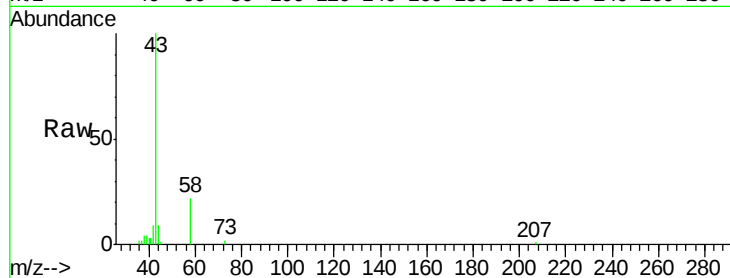




#16
Acetone
Concen: 31.021 ug/l
RT: 4.12 min Scan# 416
Delta R.T. 0.00 min
Lab File: VW003997.D
Acq: 17 Jul 2018 20:31

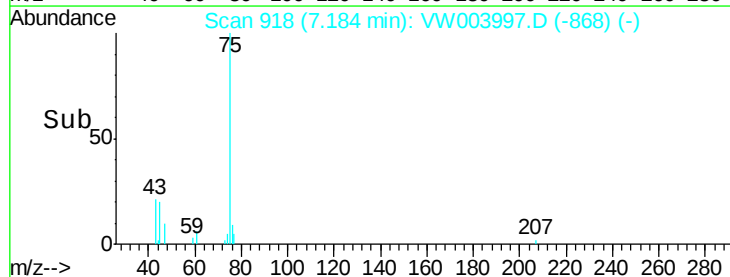
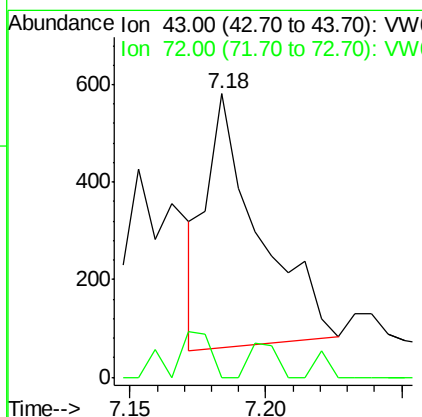
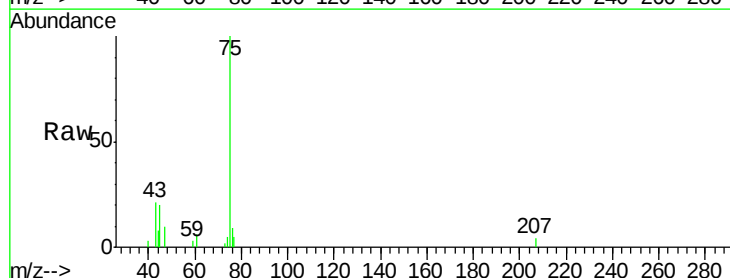
Instrument :
MSVOA_W
ClientSampled :
TP-H-D

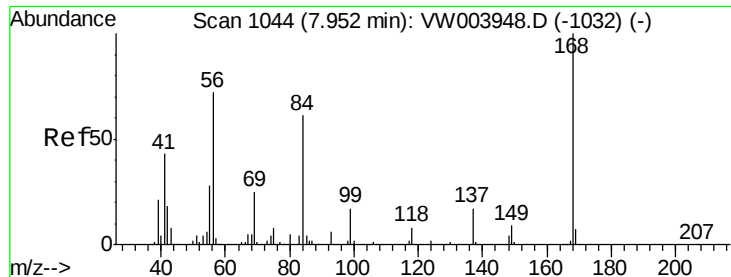
Tot Ion: 43 Resp: 12215
Ion Ratio Lower Upper
43 100
58 22.0 24.5 36.7#



#25
2-Butanone
Concen: 1.300 ug/l
RT: 7.18 min Scan# 918
Delta R.T. 0.01 min
Lab File: VW003997.D
Acq: 17 Jul 2018 20:31

Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#

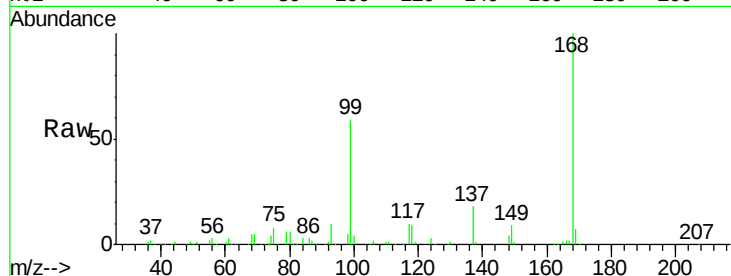




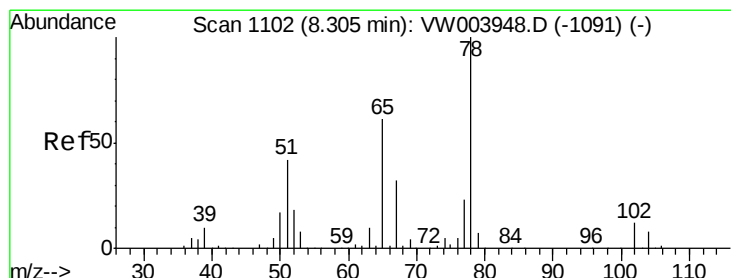
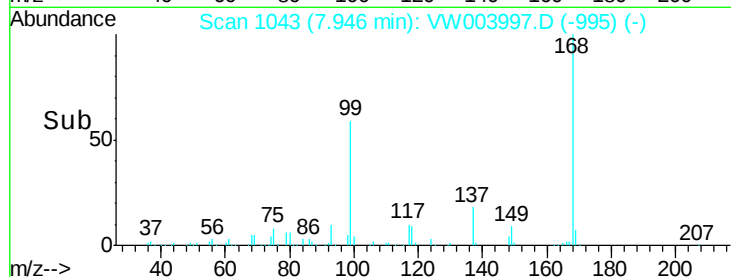
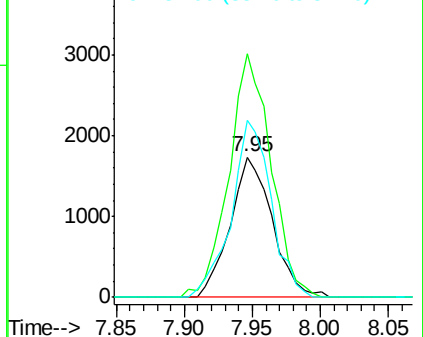
#31
Cyclohexane
Concen: 1.380 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003997.D
Acq: 17 Jul 2018 20:31

Instrument :
MSVOA_W
ClientSampled :
TP-H-D

Tot Ion: 56 Resp: 3752
Ion Ratio Lower Upper
56 100
69 173.2 27.8 41.8#
84 126.2 67.2 100.8#

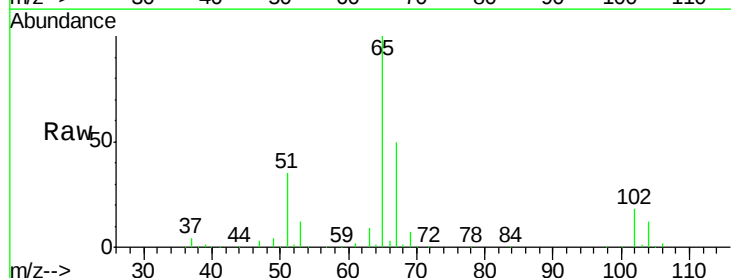


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

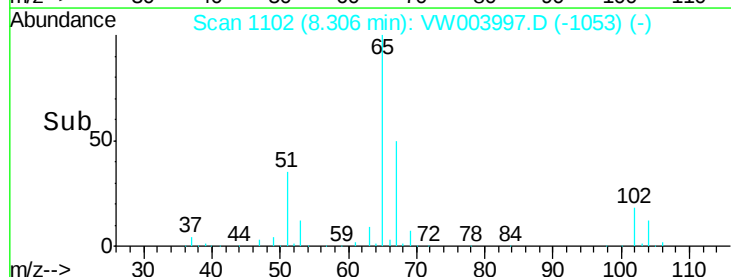
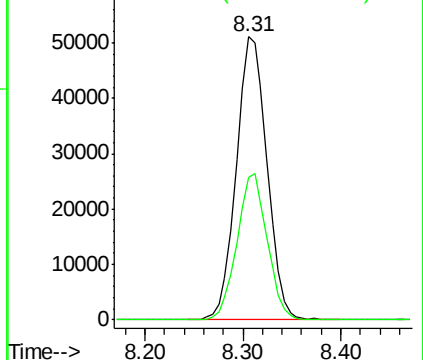


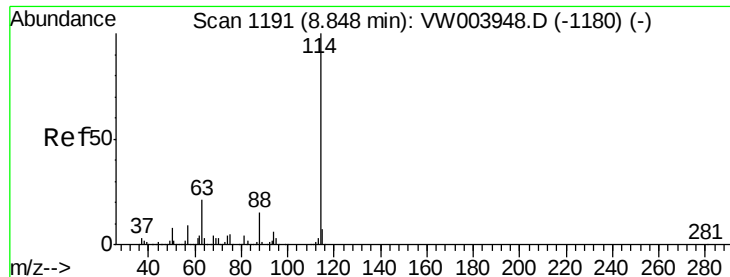
#33
1,2-Dichloroethane-d4
Concen: 67.707 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VW003997.D
Acq: 17 Jul 2018 20:31

Tgt Ion: 65 Resp: 110949
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.0



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

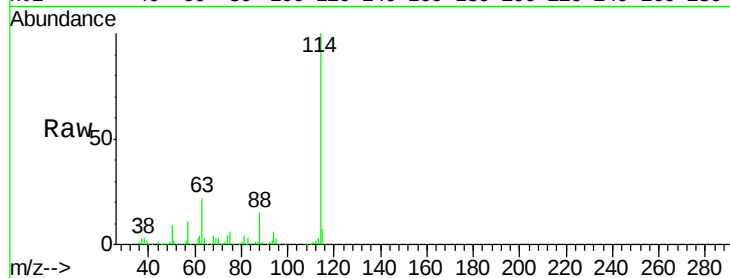




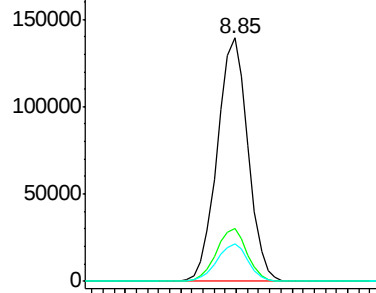
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW003997.D
Acq: 17 Jul 2018 20:31

Instrument :
MSVOA_W
ClientSampleId :
TP-H-D

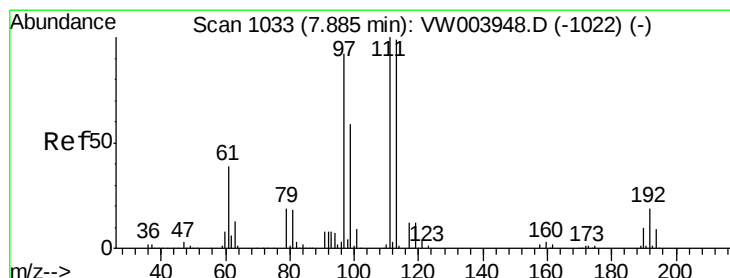
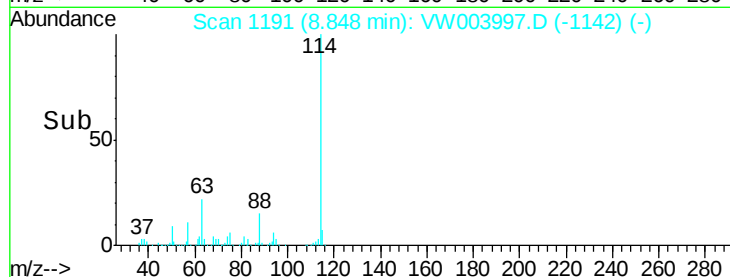
Tot Ion:114 Resp: 267801
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.8
88 15.4 0.0 30.4



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

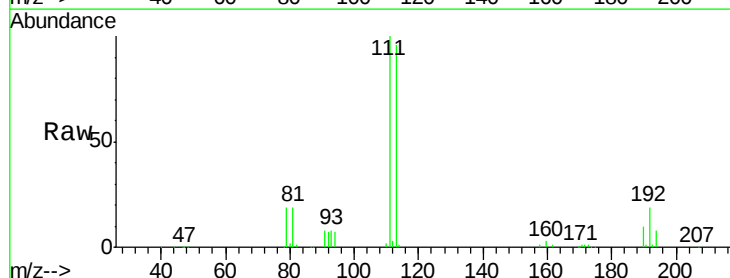


Time-->

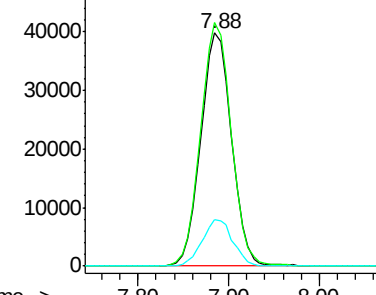


#35
Dibromofluoromethane
Concen: 54.509 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW003997.D
Acq: 17 Jul 2018 20:31

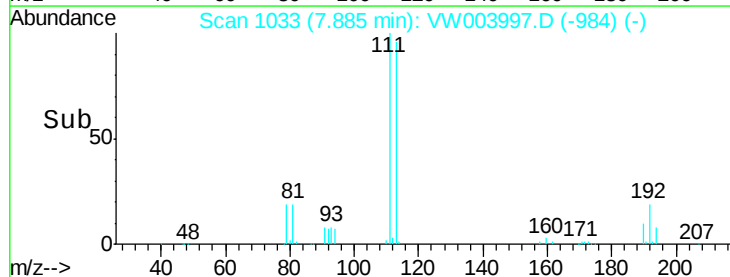
Tgt Ion:113 Resp: 93662
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.0 15.8 23.6

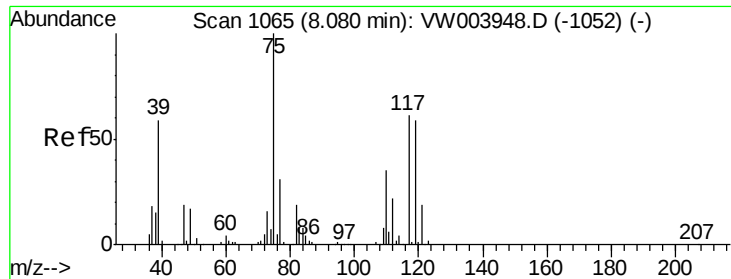


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



Time-->





#36

1,1-Dichloropropene

Concen: 4.600 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003997.D

Acq: 17 Jul 2018 20:31

Instrument :

MSVOA_W

ClientSampled :

TP-H-D

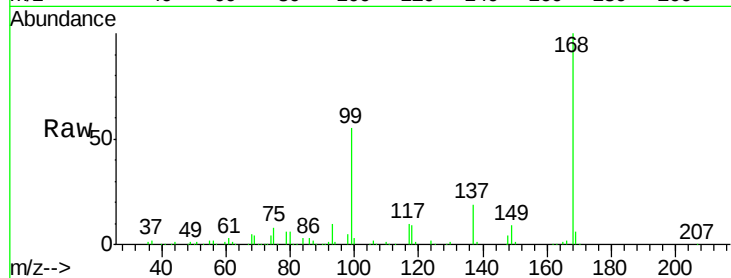
Tot Ion: 75 Resp: 12674

Ion Ratio Lower Upper

75 100

110 8.7 17.0 51.0#

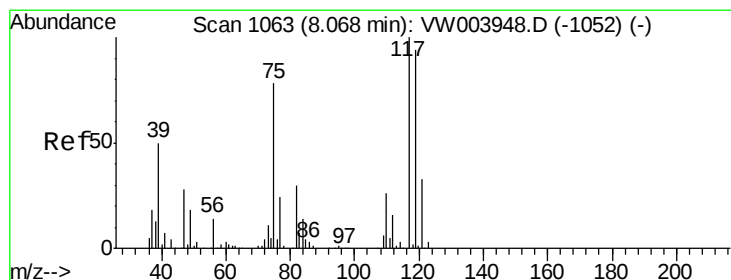
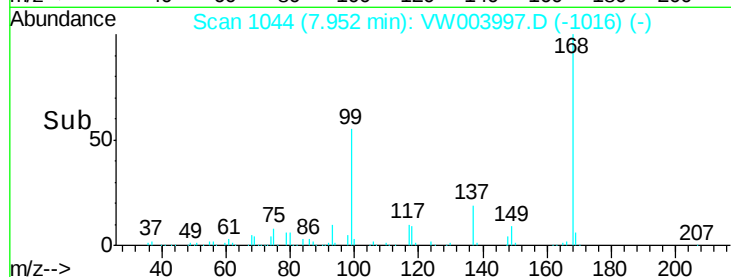
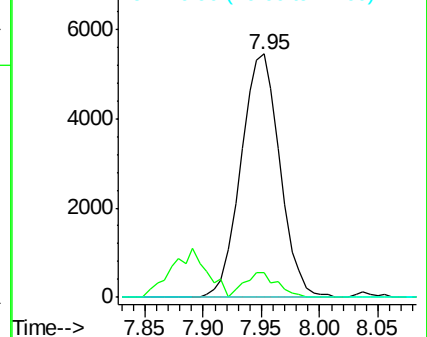
77 0.0 24.9 37.3#



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



#38

Carbon Tetrachloride

Concen: 5.711 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003997.D

Acq: 17 Jul 2018 20:31

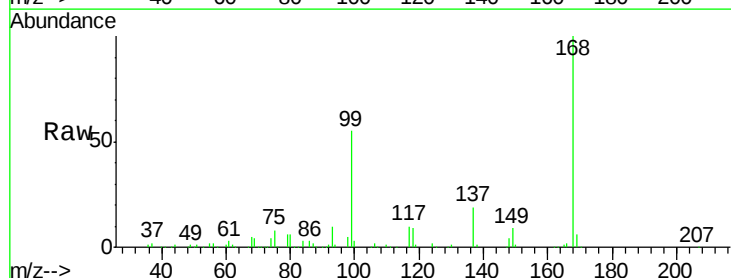
Tgt Ion: 117 Resp: 14702

Ion Ratio Lower Upper

117 100

119 6.2 75.3 112.9#

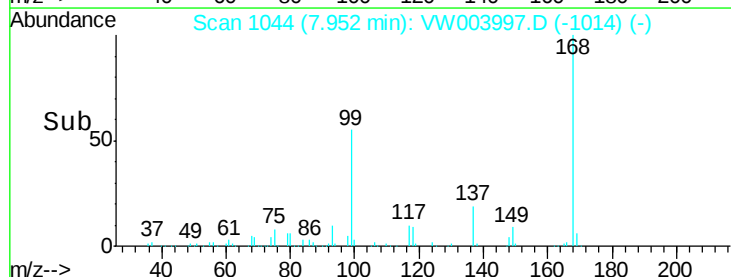
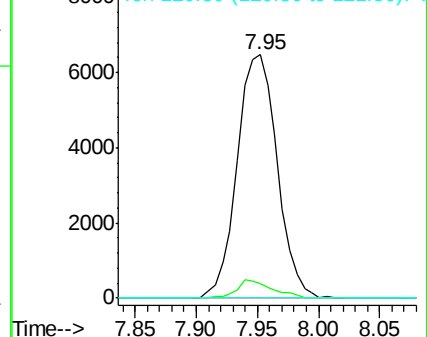
121 0.0 26.0 39.0#

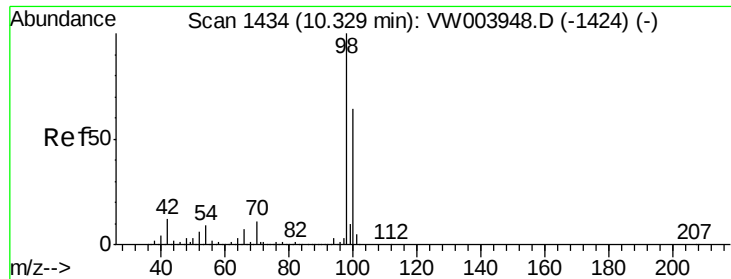


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 46.846 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003997.D

Acq: 17 Jul 2018 20:31

Instrument :

MSVOA_W

ClientSampled :

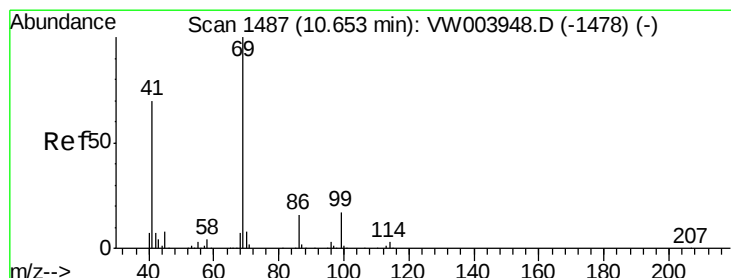
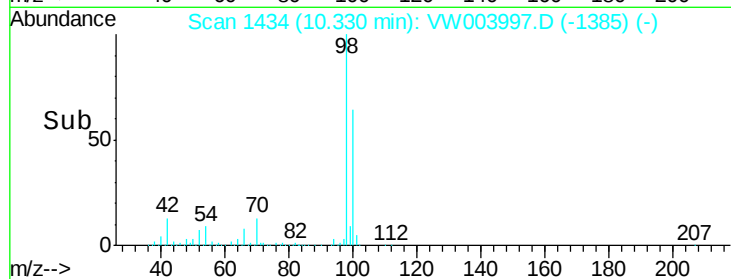
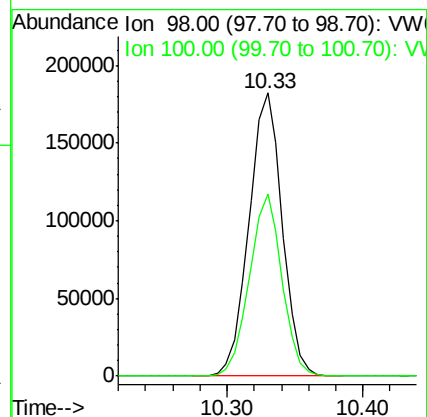
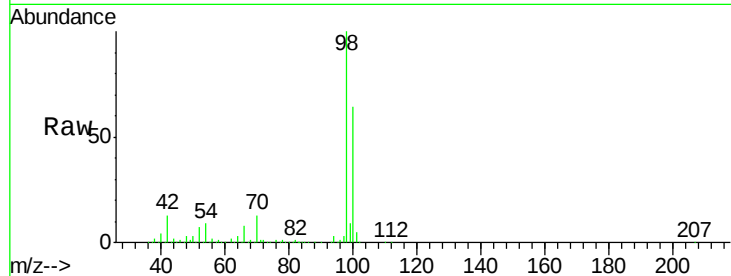
TP-H-D

Tot Ion: 98 Resp: 312337

Ion Ratio Lower Upper

98 100

100 62.8 51.2 76.8



#56

Ethyl methacrylate

Concen: 2.955 ug/l

RT: 10.70 min Scan# 1494

Delta R.T. 0.04 min

Lab File: VW003997.D

Acq: 17 Jul 2018 20:31

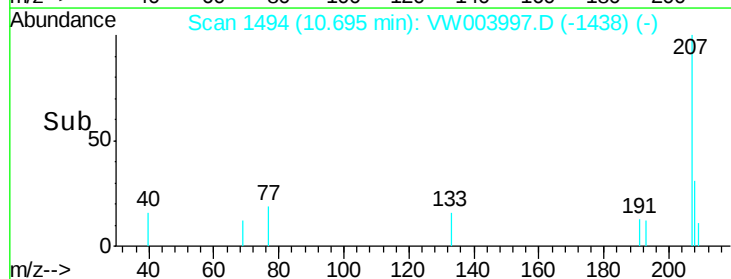
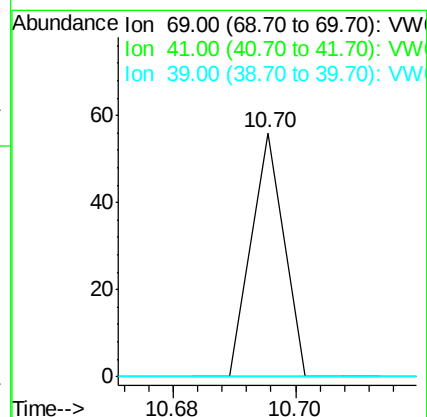
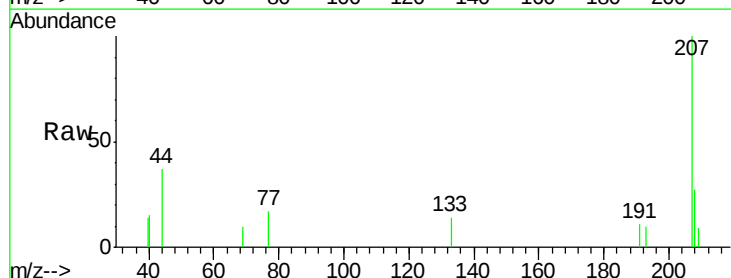
Tgt Ion: 69 Resp: 20

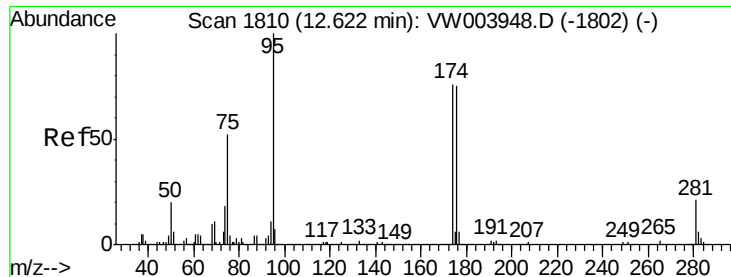
Ion Ratio Lower Upper

69 100

41 0.0 56.5 84.7#

39 0.0 30.2 45.4#

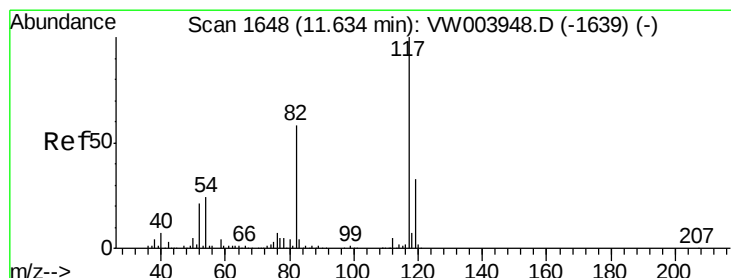
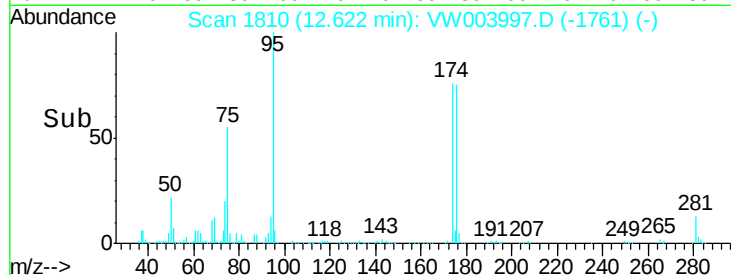
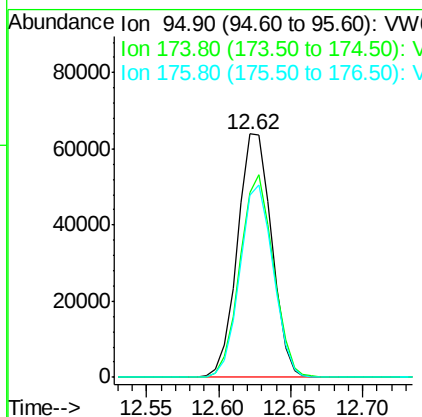
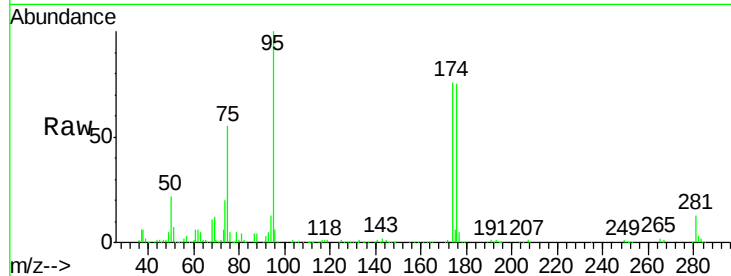




#62
4-Bromofluorobenzene
Concen: 43.859 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003997.D
Acq: 17 Jul 2018 20:31

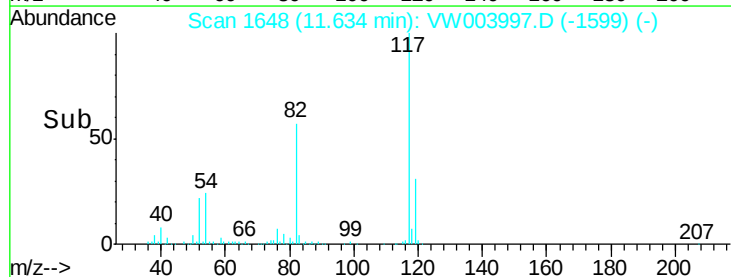
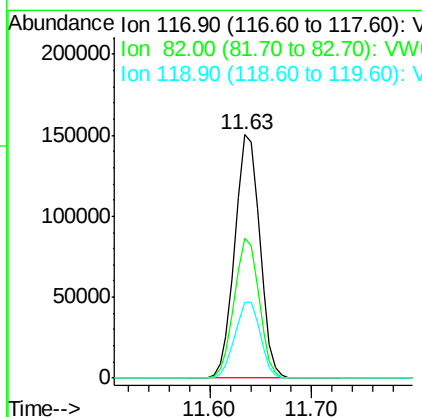
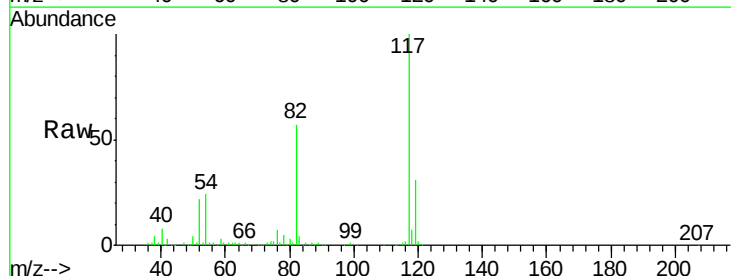
Instrument :
MSVOA_W
ClientSampled :
TP-H-D

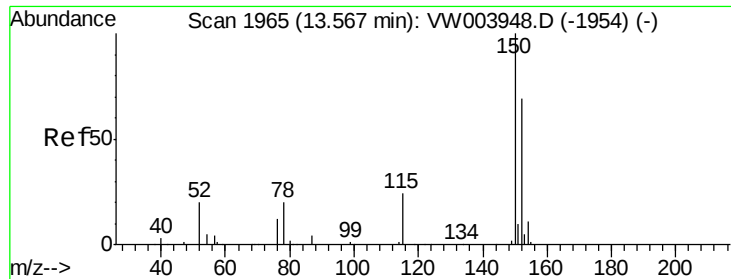
Tot Ion: 95 Resp: 105447
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.2
176 77.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003997.D
Acq: 17 Jul 2018 20:31

Tgt Ion: 117 Resp: 253834
Ion Ratio Lower Upper
117 100
82 57.5 46.5 69.7
119 31.0 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003997.D

Acq: 17 Jul 2018 20:31

Instrument :

MSVOA_W

ClientSampleId :

TP-H-D

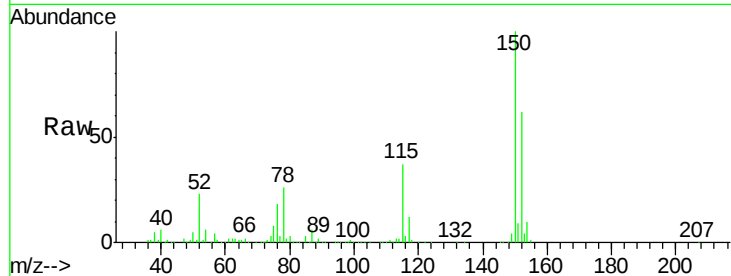
Tot Ion:152 Resp: 118614

Ion Ratio Lower Upper

152 100

115 59.0 29.2 87.6

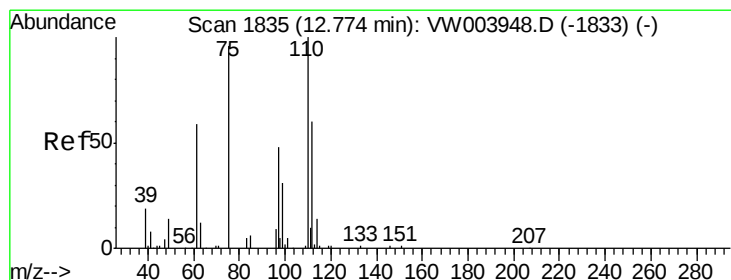
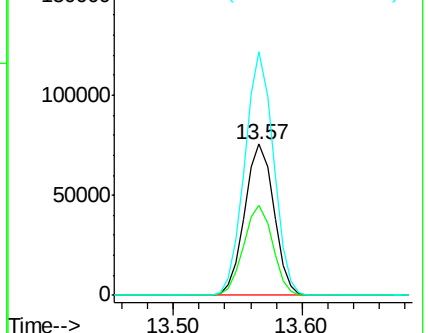
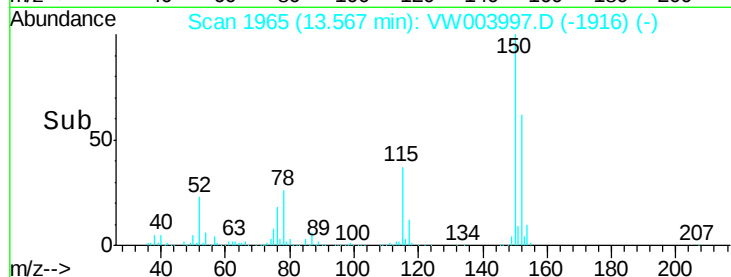
150 158.0 0.0 345.2



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: 47.756 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003997.D

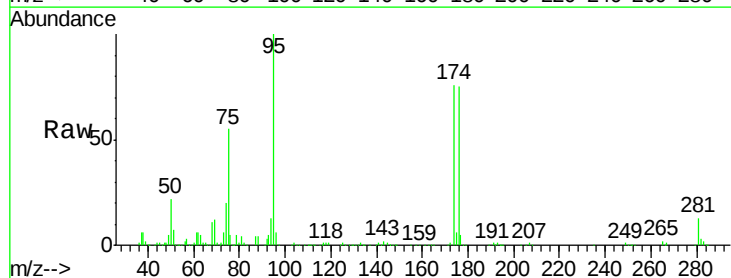
Acq: 17 Jul 2018 20:31

Tgt Ion: 75 Resp: 56236

Ion Ratio Lower Upper

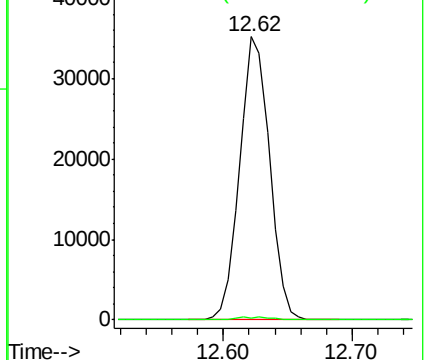
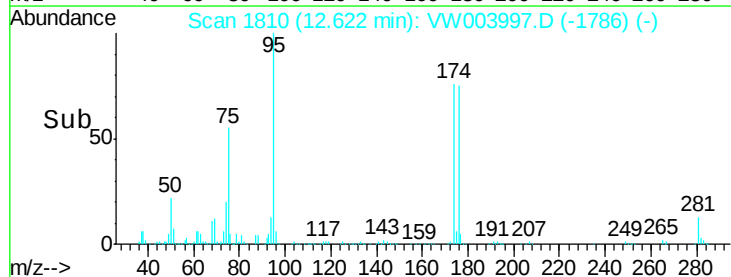
75 100

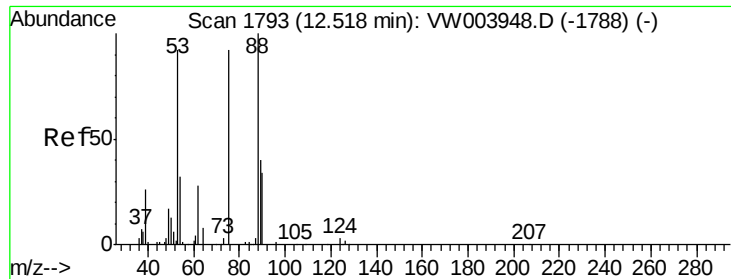
77 1.2 0.0 0.0#



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: 105.636 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003997.D

Acq: 17 Jul 2018 20:31

Instrument :

MSVOA_W

ClientSampleId :

TP-H-D

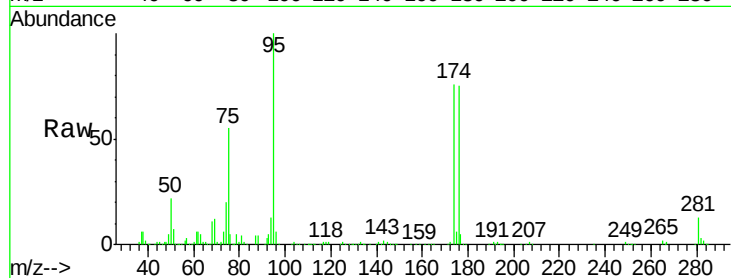
Tot Ion: 75 Resp: 56236

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.1 36.6 54.8#



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

