

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003991.D
 Acq On : 17 Jul 2018 17:55
 Operator : VA/AP
 Sample : J3819-07
 Misc : 6.64G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-D

Quant Time: Jul 18 04:50:28 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	163024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	282798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	91105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113188	62.11	ug/l	0.00
Spiked Amount						
			Recovery	=	124.22%	
35) Dibromofluoromethane	7.88	113	95640	52.71	ug/l	0.00
Spiked Amount						
			Recovery	=	105.42%	
50) Toluene-d8	10.33	98	306469	43.53	ug/l	0.00
Spiked Amount						
			Recovery	=	87.06%	
62) 4-Bromofluorobenzene	12.63	95	89908	35.41	ug/l	0.00
Spiked Amount						
			Recovery	=	70.82%	

Target Compounds

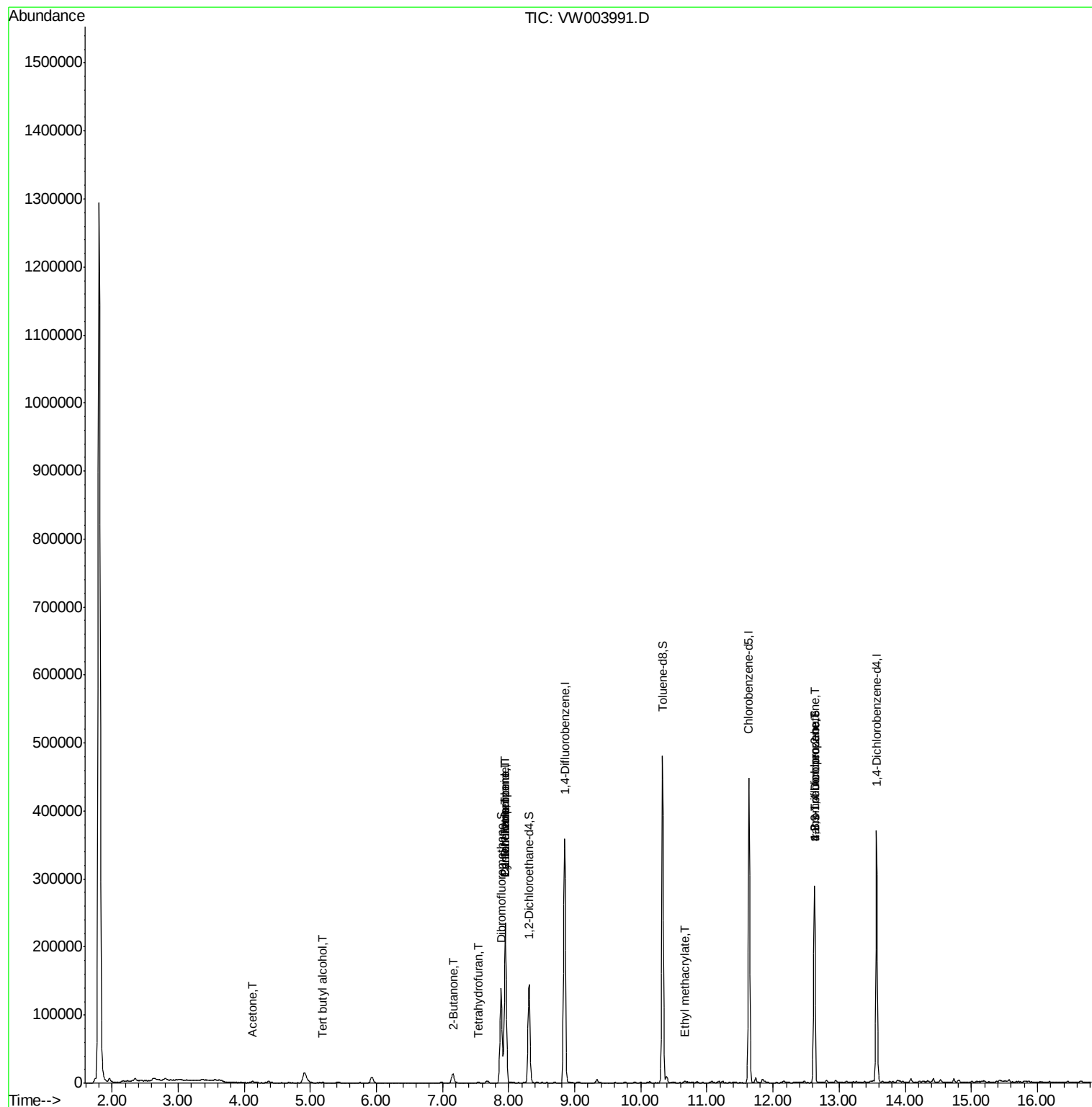
					Qvalue
11) Tert butyl alcohol	5.19	59	879	6.987 ug/l #	72
16) Acetone	4.12	43	3974	9.075 ug/l	93
20) Methylene Chloride	4.92	84	13785	Below Cal	98
25) 2-Butanone	7.15	43	996	1.690 ug/l #	51
29) Tetrahydrofuran	7.54	42	473	1.289 ug/l #	78
31) Cyclohexane	7.95	56	4884	1.616 ug/l #	9
36) 1,1-Dichloropropene	7.95	75	13984	4.806 ug/l #	49
38) Carbon Tetrachloride	7.95	117	16688	6.138 ug/l #	17
56) Ethyl methacrylate	10.67	69	267	3.063 ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	48344	53.450 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	48344	118.231 ug/l #	11

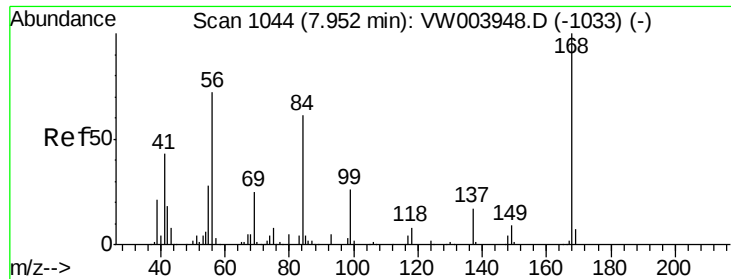
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003991.D
Acq On : 17 Jul 2018 17:55
Operator : VA/AP
Sample : J3819-07
Misc : 6.64G/5ML/MSVOA W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-D

Quant Time: Jul 18 04:50:28 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003991.D

Acq: 17 Jul 2018 17:55

Instrument :

MSVOA_W

ClientSampleId :

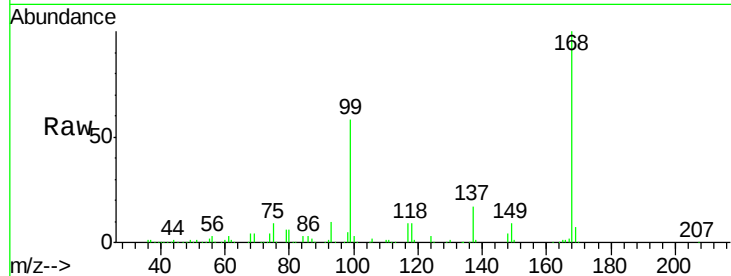
AU-05-071318-D

Tot Ion:168 Resp: 163024

Ion Ratio Lower Upper

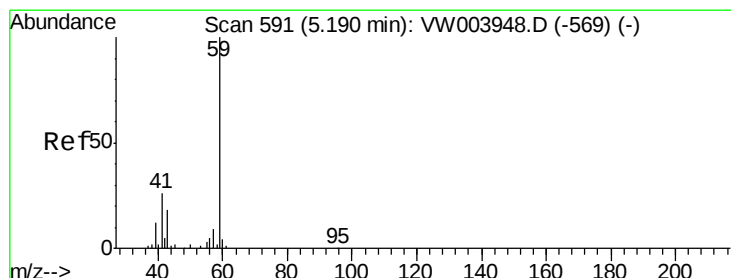
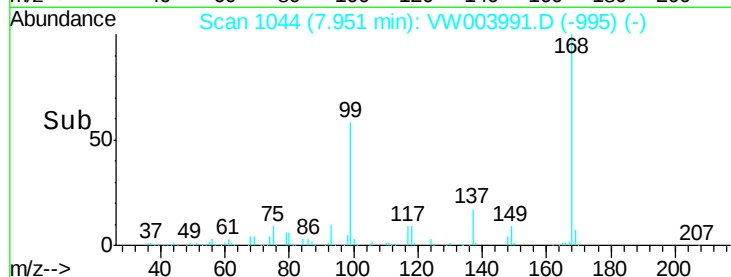
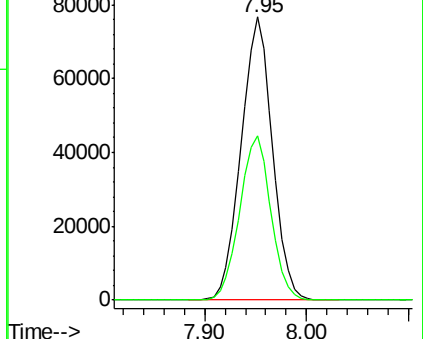
168 100

99 58.0 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.987 ug/l

RT: 5.19 min Scan# 591

Delta R.T. -0.00 min

Lab File: VW003991.D

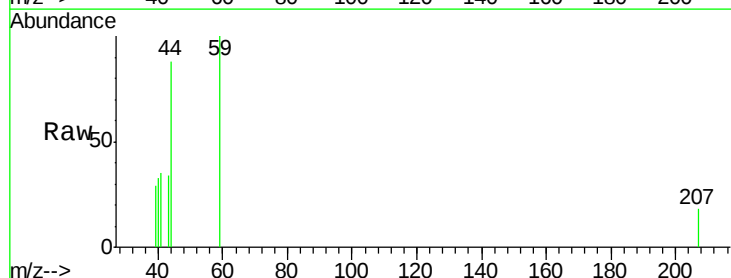
Acq: 17 Jul 2018 17:55

Tgt Ion: 59 Resp: 879

Ion Ratio Lower Upper

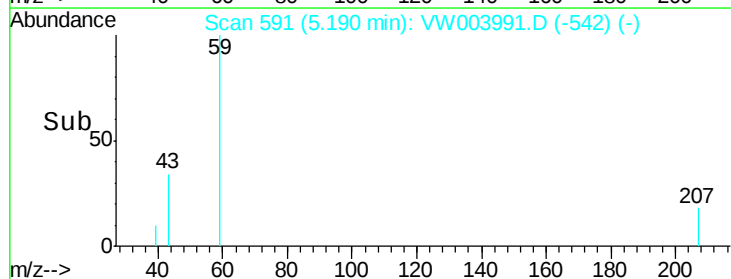
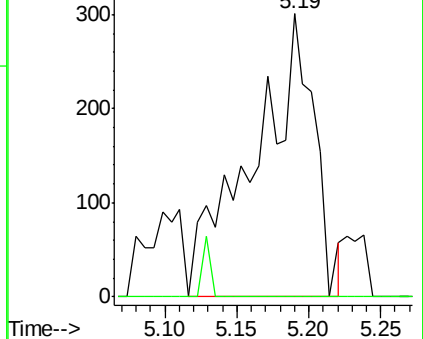
59 100

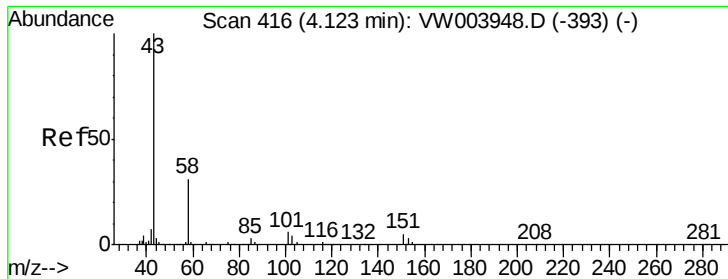
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

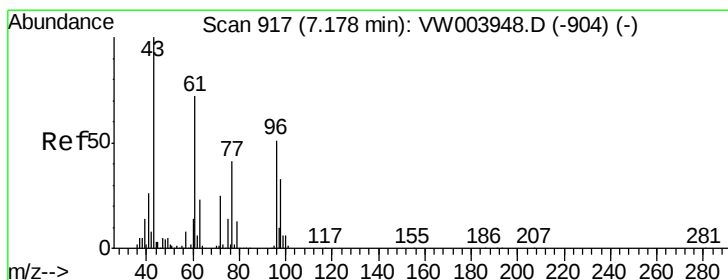
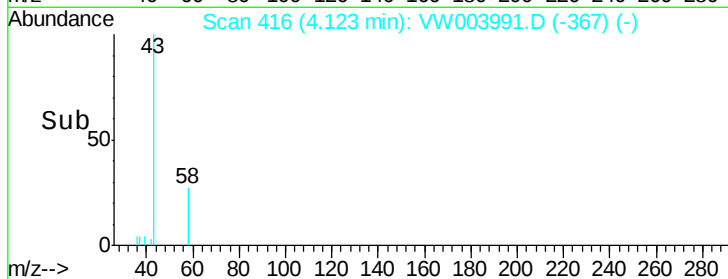
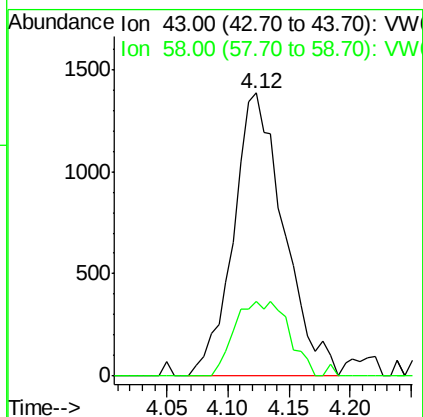
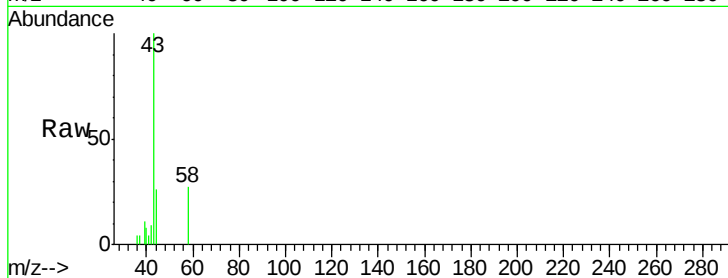




#16
Acetone
Concen: 9.075 ug/l
RT: 4.12 min Scan# 416
Delta R.T. -0.00 min
Lab File: VW003991.D
Acq: 17 Jul 2018 17:55

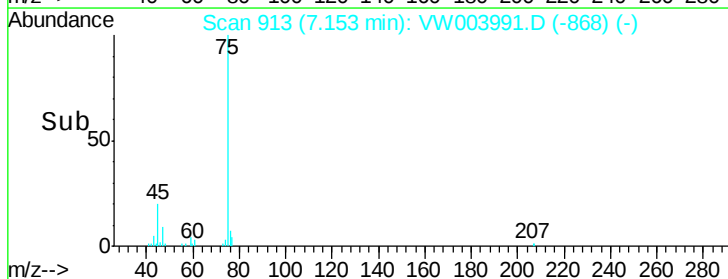
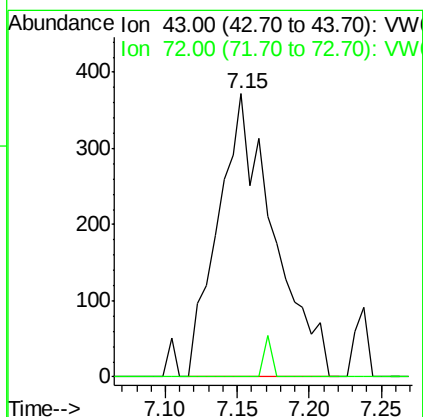
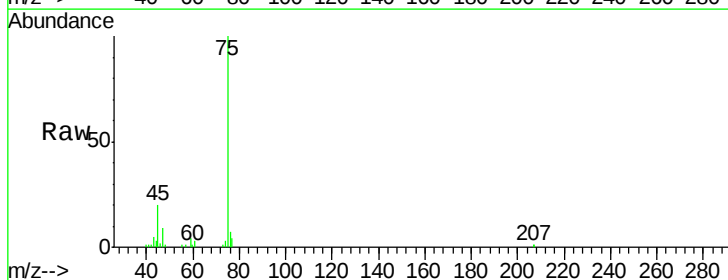
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-D

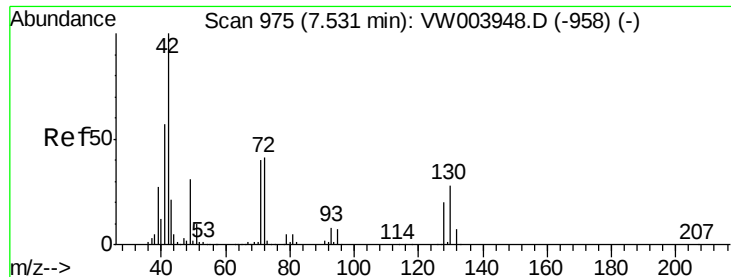
Tot Ion: 43 Resp: 3974
Ion Ratio Lower Upper
43 100
58 26.5 24.5 36.7



#25
2-Butanone
Concen: 1.690 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.02 min
Lab File: VW003991.D
Acq: 17 Jul 2018 17:55

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#

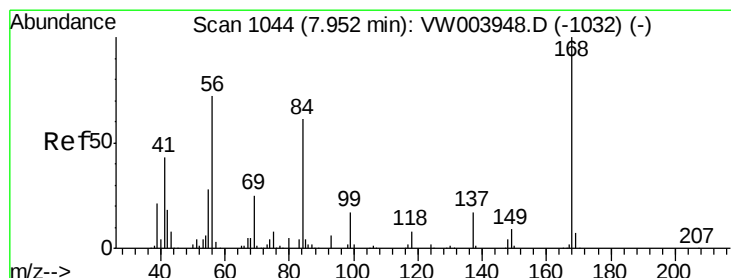
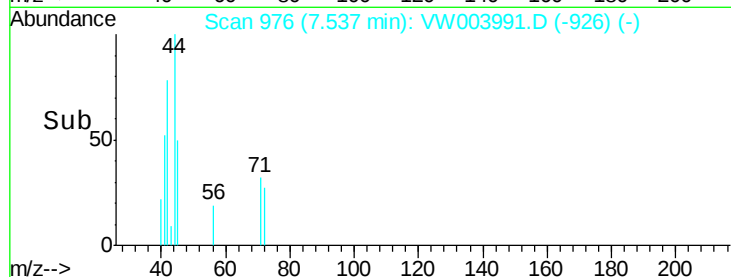
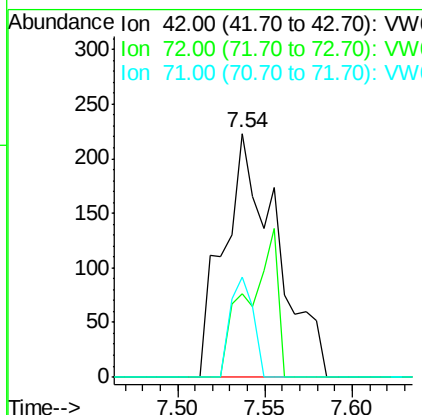
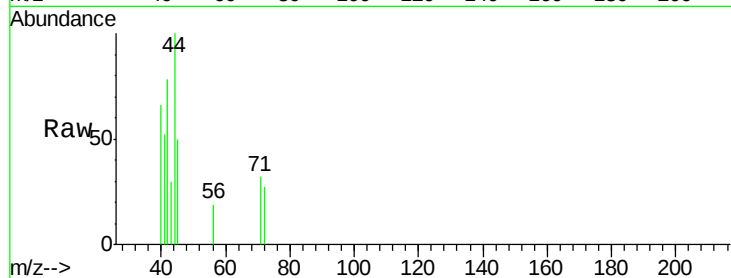




#29
Tetrahydrofuran
Concen: 1.289 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW003991.D
Acq: 17 Jul 2018 17:55

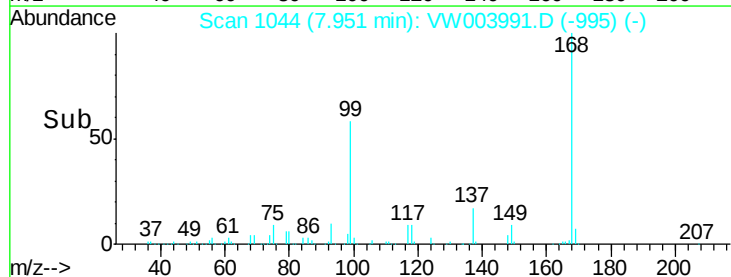
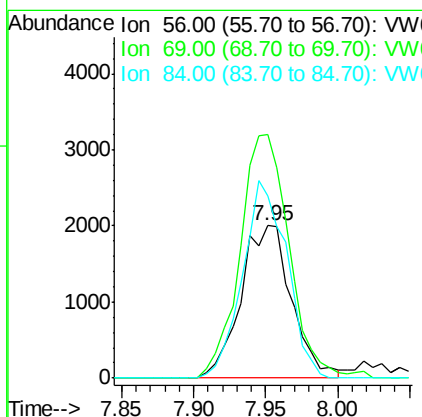
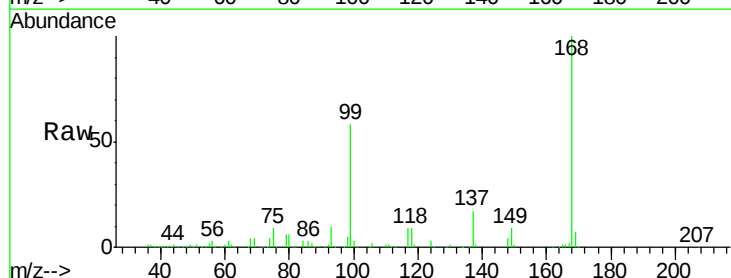
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-D

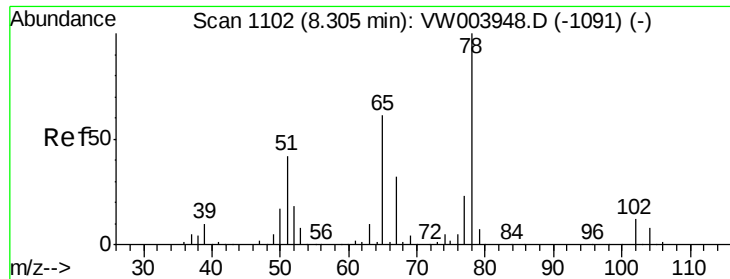
Tot Ion: 42 Resp: 473
Ion Ratio Lower Upper
42 100
72 34.2 32.6 48.8
71 17.5 30.5 45.7#



#31
Cyclohexane
Concen: 1.616 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW003991.D
Acq: 17 Jul 2018 17:55

Tgt Ion: 56 Resp: 4884
Ion Ratio Lower Upper
56 100
69 159.7 27.8 41.8#
84 119.5 67.2 100.8#

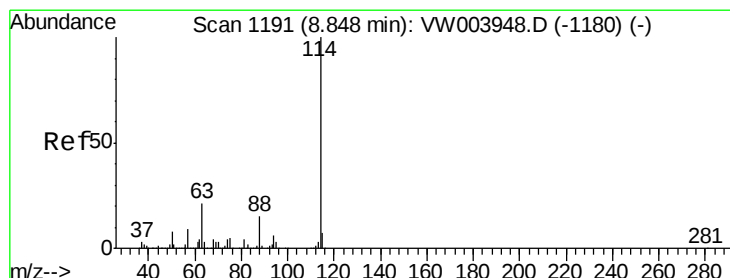
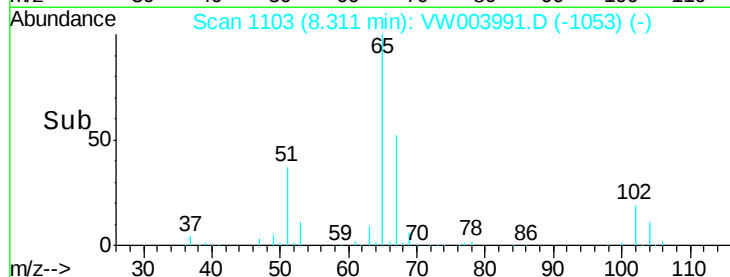
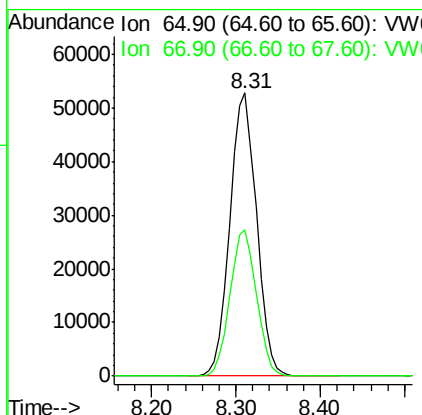
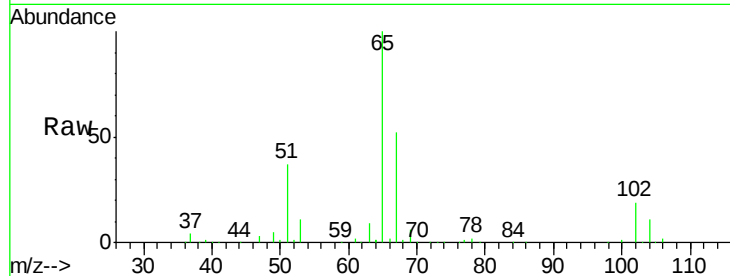




#33
 1,2-Dichloroethane-d4
 Concen: 62.113 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW003991.D
 Acq: 17 Jul 2018 17:55

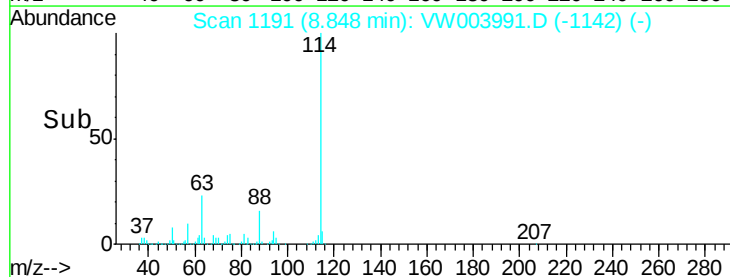
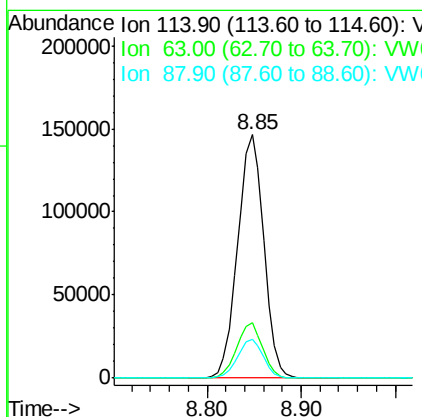
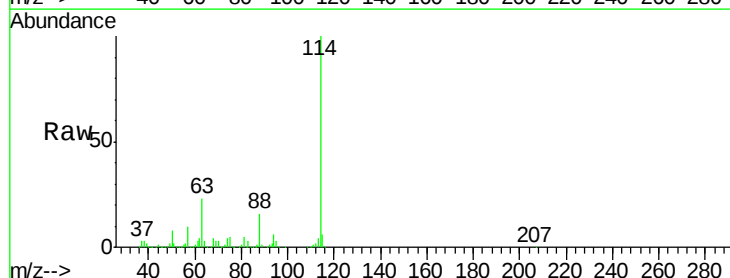
Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-D

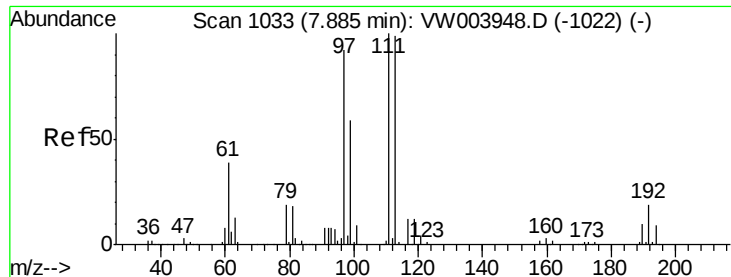
Tot Ion: 65 Resp: 113188
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW003991.D
 Acq: 17 Jul 2018 17:55

Tgt Ion: 114 Resp: 282798
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 42.8
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.709 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW003991.D

Acq: 17 Jul 2018 17:55

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-D

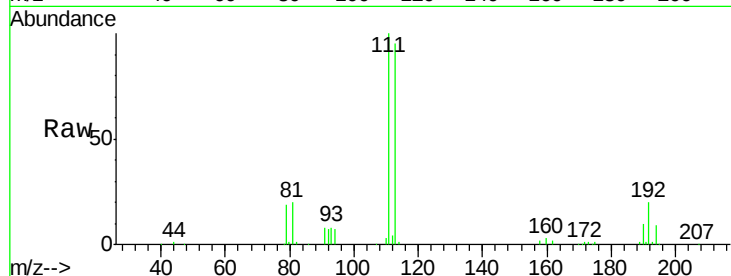
Tot Ion:113 Resp: 95640

Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

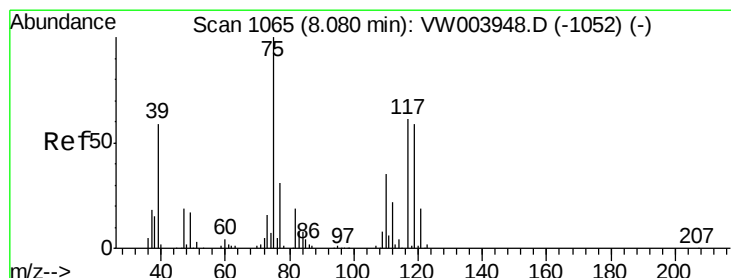
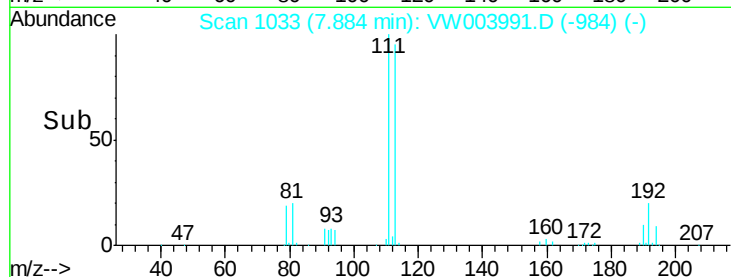
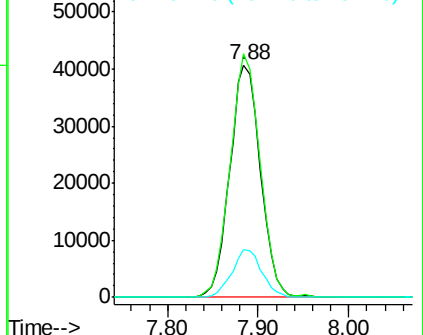
192 20.1 15.8 23.6



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



#36

1,1-Dichloropropene

Concen: 4.806 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW003991.D

Acq: 17 Jul 2018 17:55

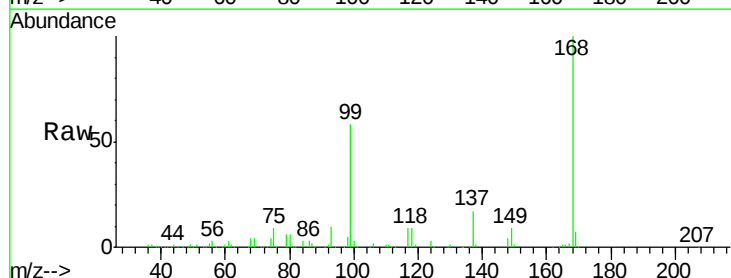
Tgt Ion: 75 Resp: 13984

Ion Ratio Lower Upper

75 100

110 7.4 17.0 51.0#

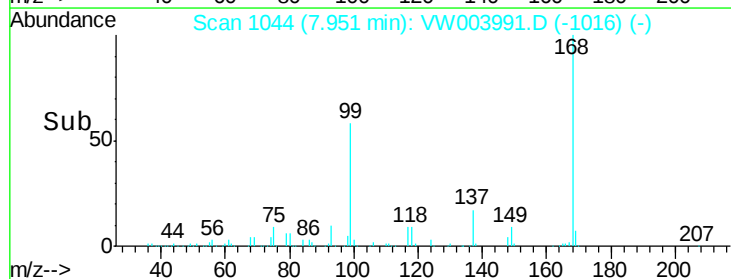
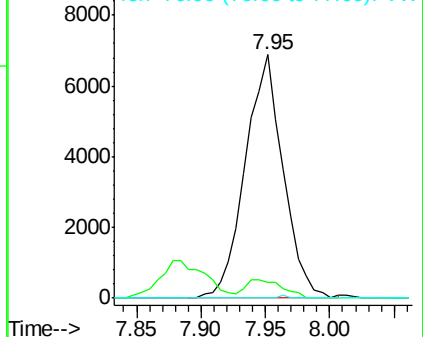
77 0.0 24.9 37.3#

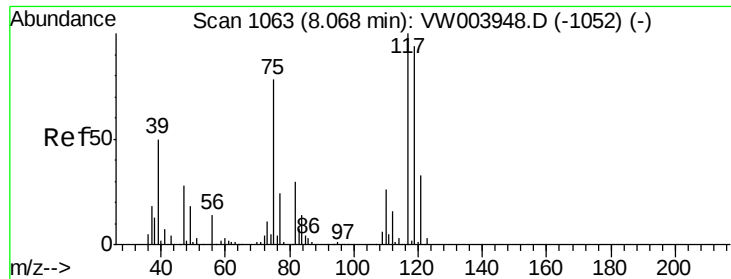


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 6.138 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003991.D

Acq: 17 Jul 2018 17:55

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-D

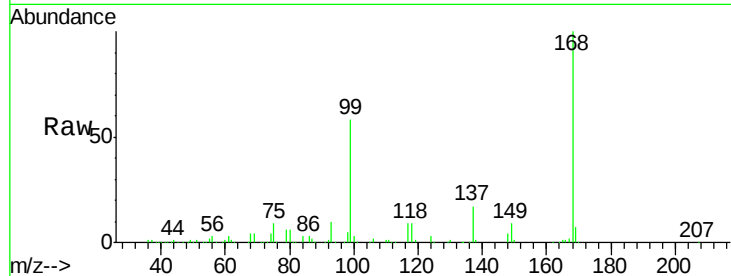
Tot Ion:117 Resp: 16688

Ion Ratio Lower Upper

117 100

119 6.0 75.3 112.9#

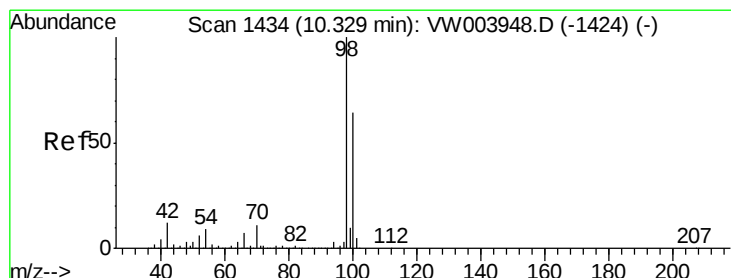
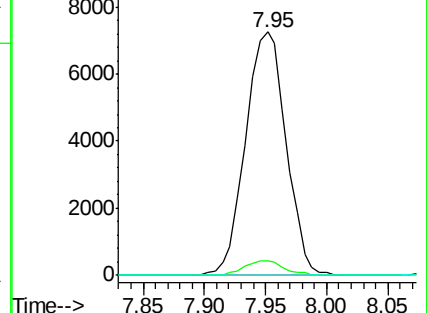
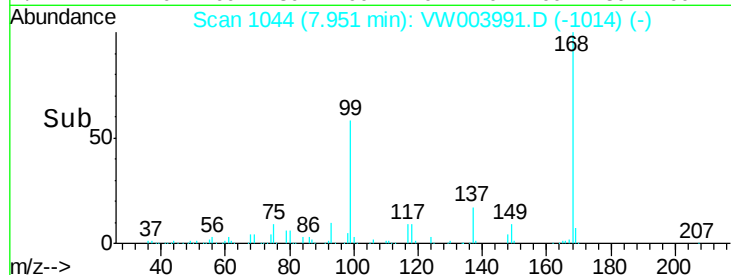
121 0.0 26.0 39.0#



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: 43.528 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003991.D

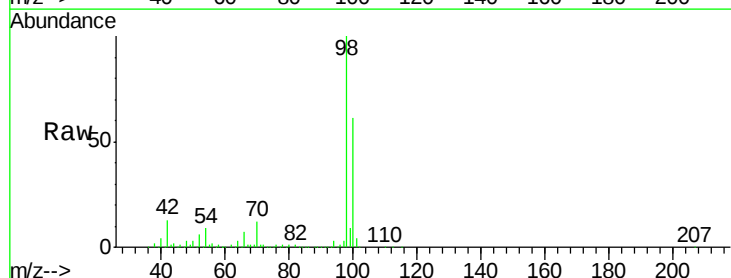
Acq: 17 Jul 2018 17:55

Tgt Ion: 98 Resp: 306469

Ion Ratio Lower Upper

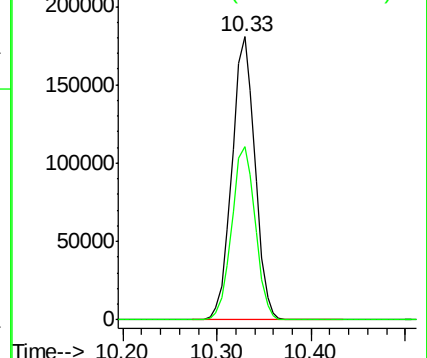
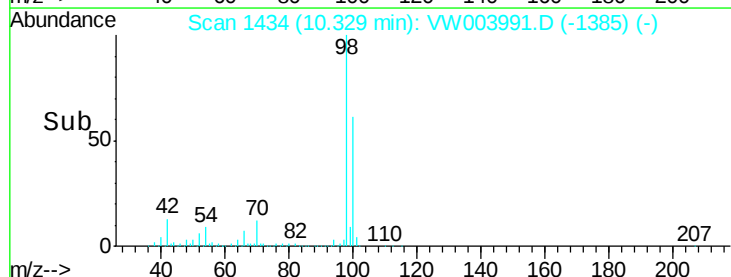
98 100

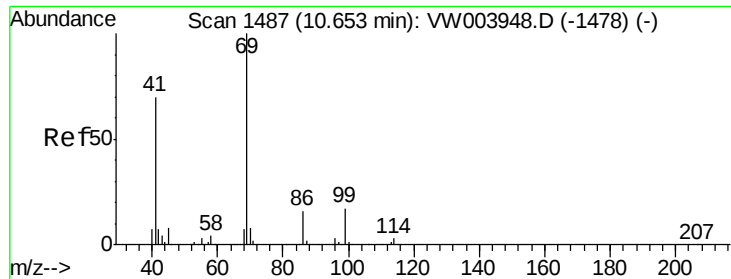
100 62.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#56

Ethyl methacrylate

Concen: 3.063 ug/l

RT: 10.67 min Scan# 1490

Delta R.T. 0.02 min

Lab File: VW003991.D

Acq: 17 Jul 2018 17:55

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-D

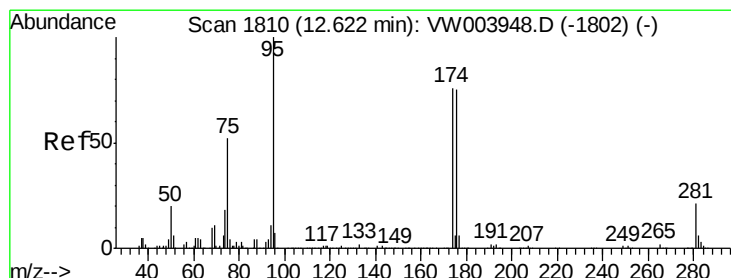
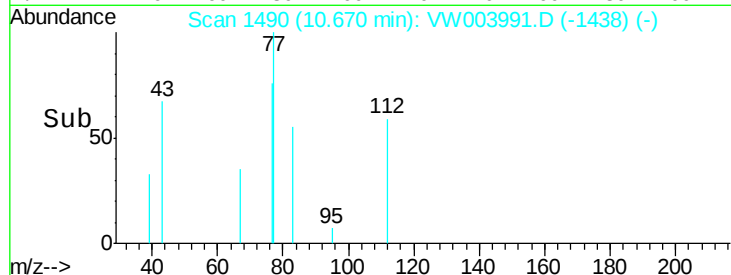
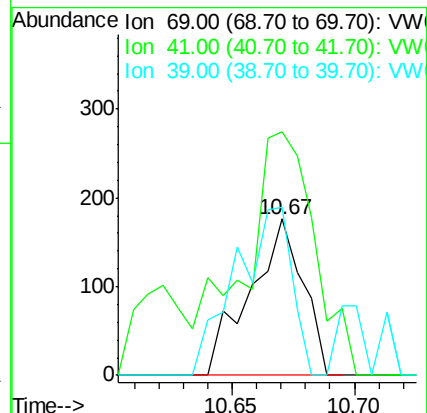
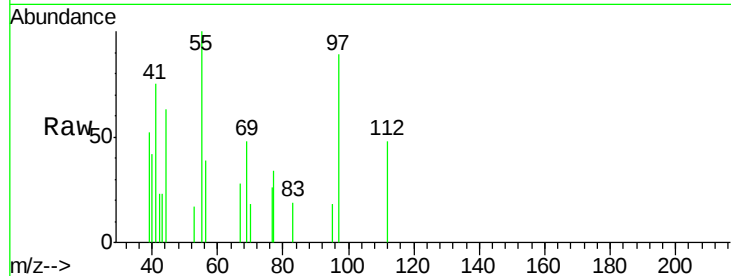
Tot Ion: 69 Resp: 267

Ion Ratio Lower Upper

69 100

41 206.4 56.5 84.7#

39 114.2 30.2 45.4#



#62

4-Bromofluorobenzene

Concen: 35.412 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW003991.D

Acq: 17 Jul 2018 17:55

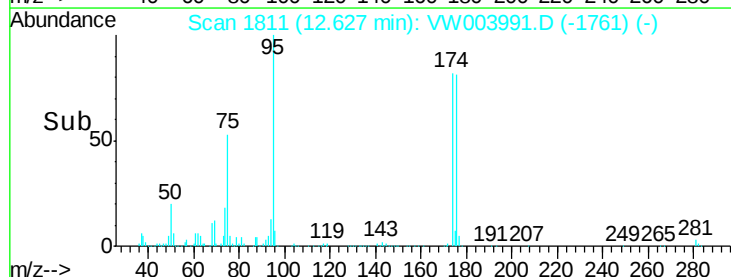
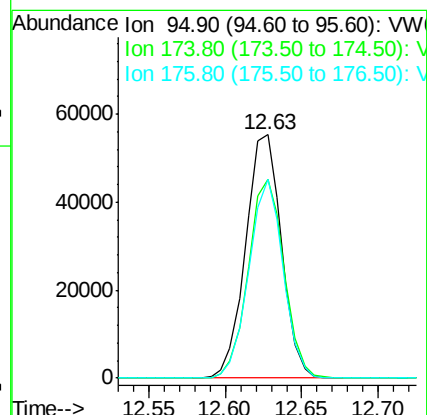
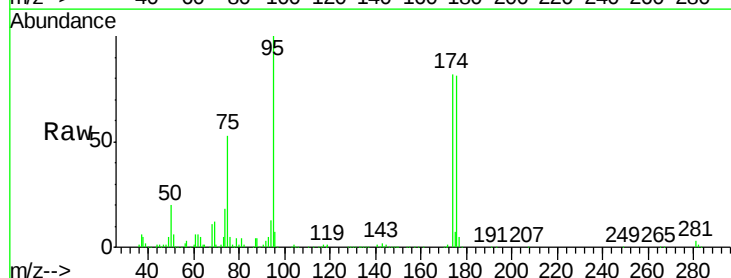
Tgt Ion: 95 Resp: 89908

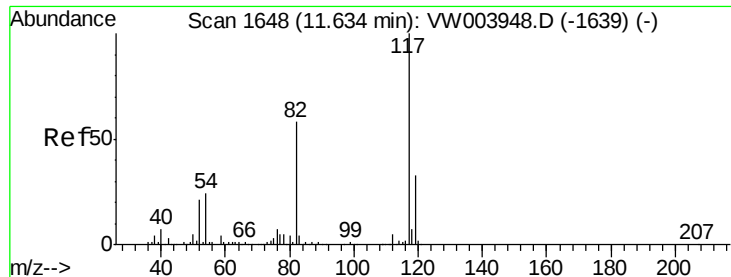
Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.2

176 78.1 0.0 155.8

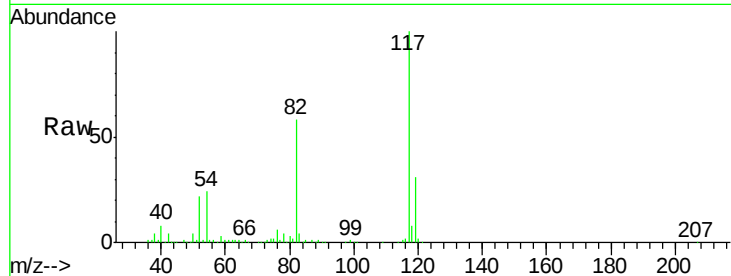




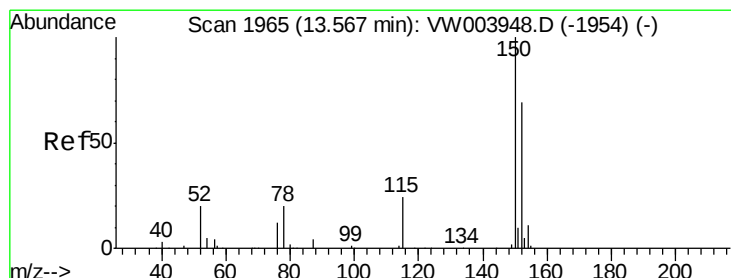
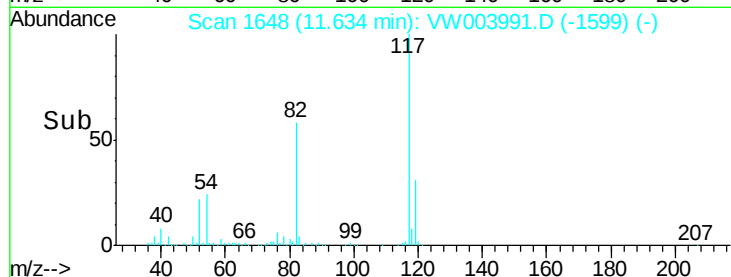
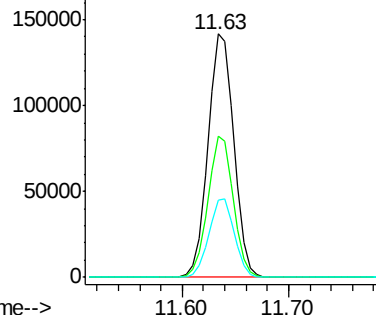
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW003991.D
Acq: 17 Jul 2018 17:55

Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-D

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.5	69.7
119	31.5	26.2	39.2

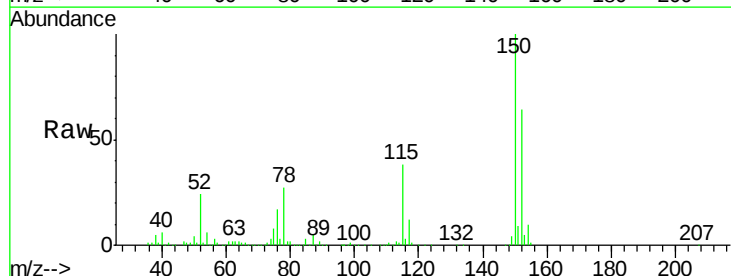


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

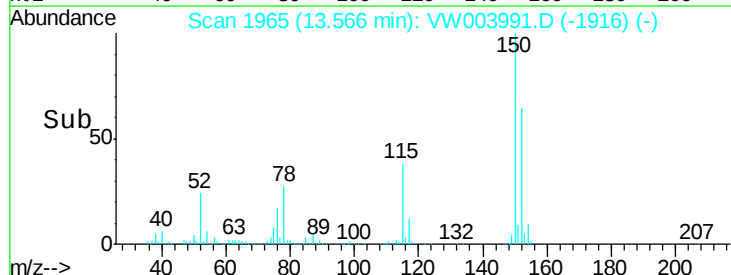
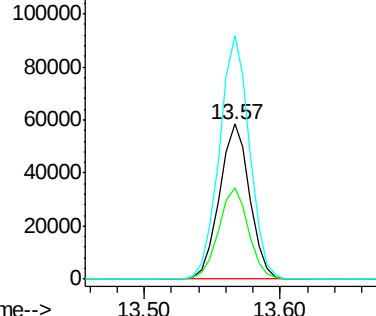


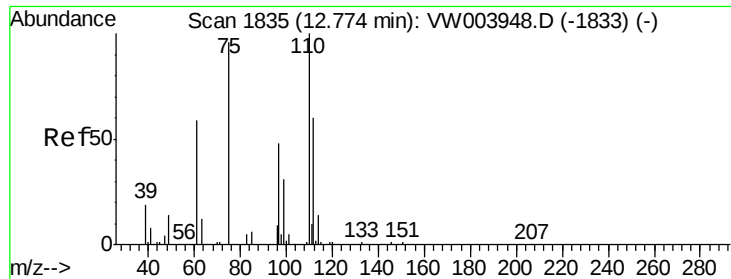
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003991.D
Acq: 17 Jul 2018 17:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.2	87.6
150	156.5	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

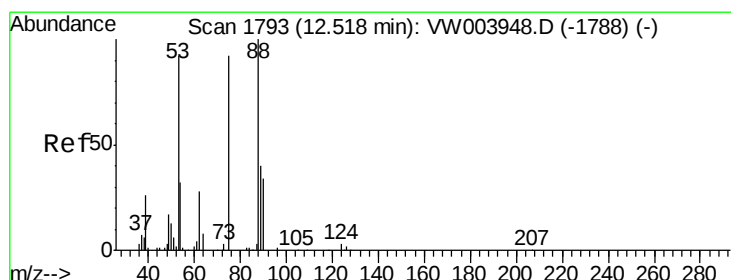
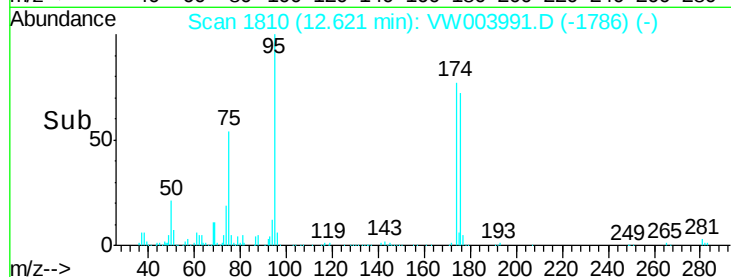
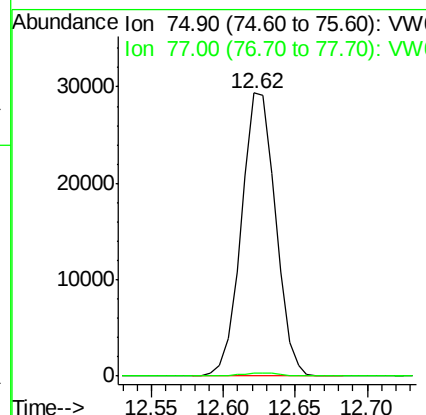
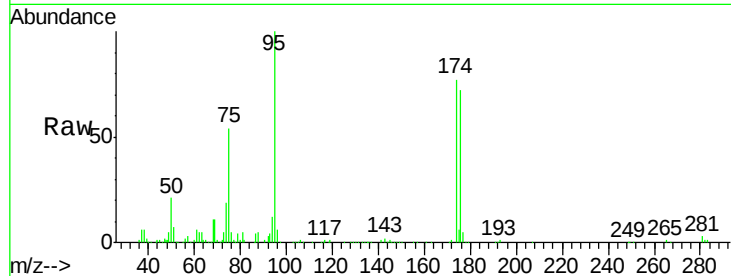




#76
 1,2,3-Trichloropropane
 Concen: 53.450 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW003991.D
 Acq: 17 Jul 2018 17:55

Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-D

Tot Ion: 75 Resp: 48344
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.231 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003991.D
 Acq: 17 Jul 2018 17:55

Tgt Ion: 75 Resp: 48344
 Ion Ratio Lower Upper
 75 100
 53 0.3 77.6 116.4#
 89 0.1 36.6 54.8#

