

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004017.D
 Acq On : 18 Jul 2018 07:20
 Operator : VA/AP
 Sample : J3819-05RE
 Misc : 5.53G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Jul 18 07:44:52 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	151384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	244504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	182762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	63094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105142	62.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.26%	
35) Dibromofluoromethane	7.88	113	91296	58.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.38%	
50) Toluene-d8	10.33	98	257217	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	
62) 4-Bromofluorobenzene	12.63	95	68754	31.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.64%	

Target Compounds

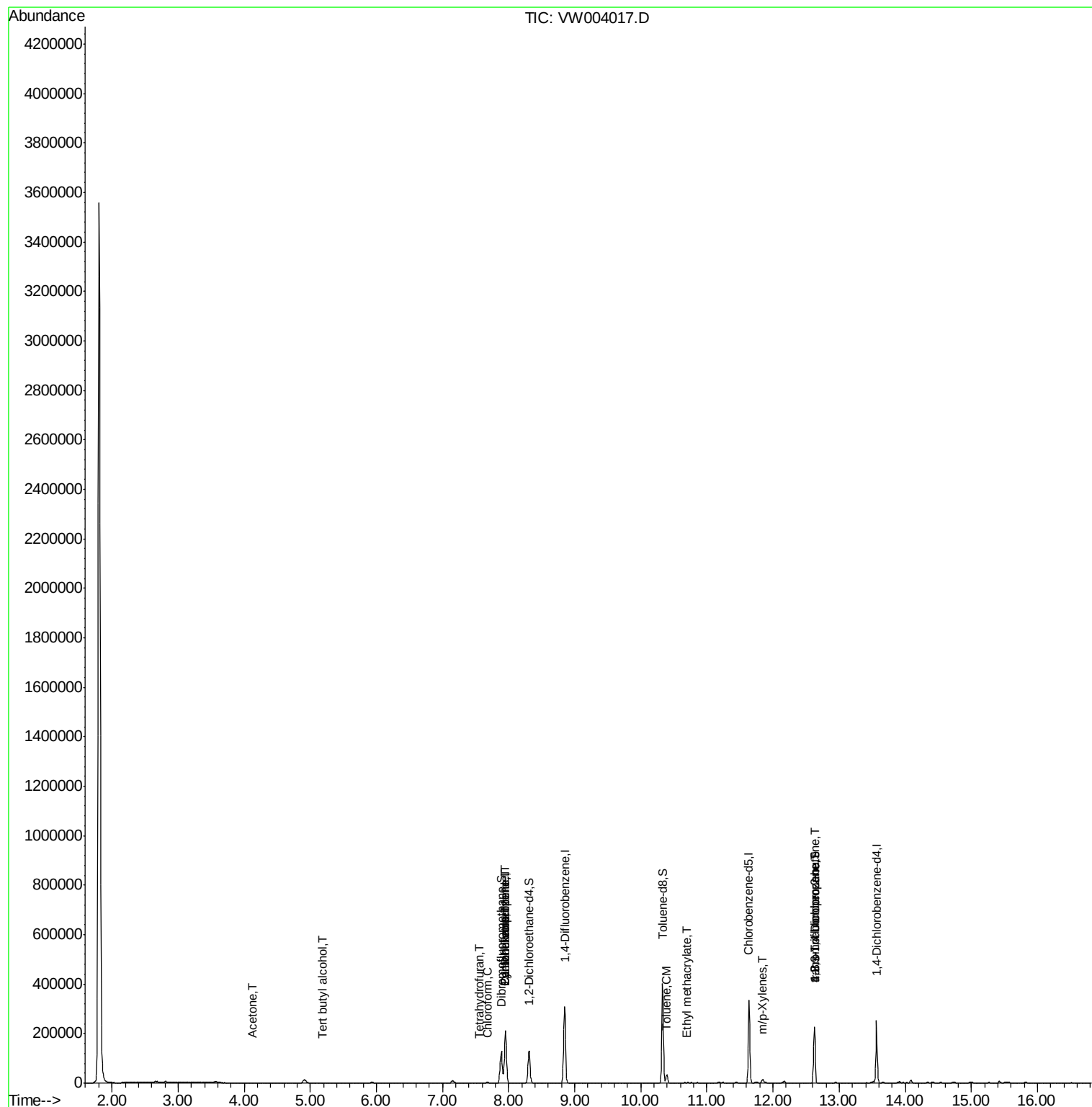
						Qvalue
11) Tert butyl alcohol	5.18	59	132	1.130	ug/l #	82
16) Acetone	4.13	43	1133	2.786	ug/l #	47
20) Methylene Chloride	4.92	84	10467	Below Cal		97
29) Tetrahydrofuran	7.56	42	445	1.306	ug/l #	36
30) Chloroform	7.68	83	3361	1.128	ug/l	95
31) Cyclohexane	7.95	56	3970	1.414	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	12705	5.051	ug/l #	50
38) Carbon Tetrachloride	7.95	117	15288	6.504	ug/l #	17
52) Toluene	10.39	92	12957	3.002	ug/l	100
56) Ethyl methacrylate	10.68	69	196	3.045	ug/l #	1
68) m/p-Xylenes	11.84	106	4292	1.645	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	36598	58.428	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	36598	129.241	ug/l #	11

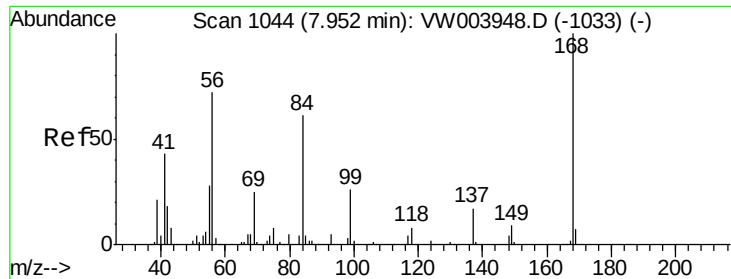
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW004017.D
Acq On : 18 Jul 2018 07:20
Operator : VA/AP
Sample : J3819-05RE
Misc : 5.53G/5ML/MSVOA W/SOIL
ALS Vial : 48 Sample Multiplier: 1

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

Quant Time: Jul 18 07:44:52 2018
Quant Method : Z:\V0ASRV\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: VW004017.D

Acq: 18 Jul 2018 07:20

Instrument :

MSVOA_W

ClientSampleId :

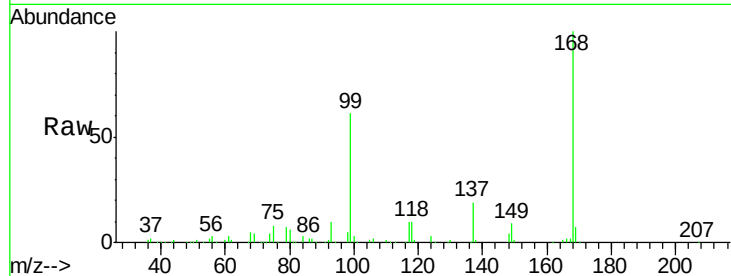
AU-05-071318-CRE

Tot Ion:168 Resp: 151384

Ion Ratio Lower Upper

168 100

99 60.6 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

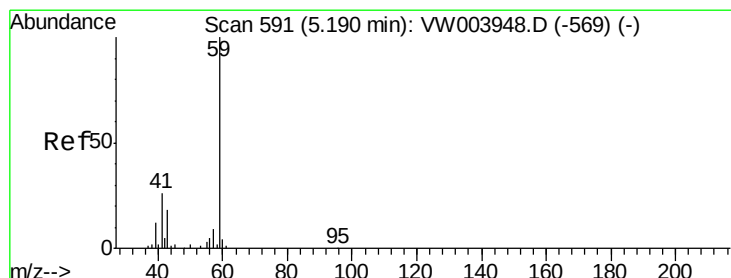
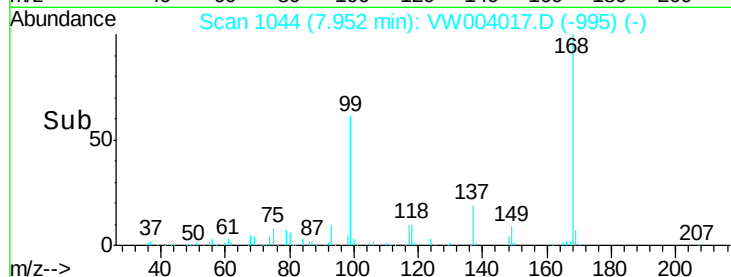
40000

20000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.130 ug/l

RT: 5.18 min Scan# 589

Delta R.T. -0.01 min

Lab File: VW004017.D

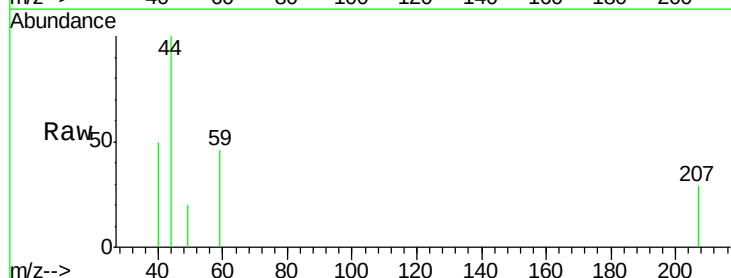
Acq: 18 Jul 2018 07:20

Tgt Ion: 59 Resp: 132

Ion Ratio Lower Upper

59 100

57 17.4 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

150

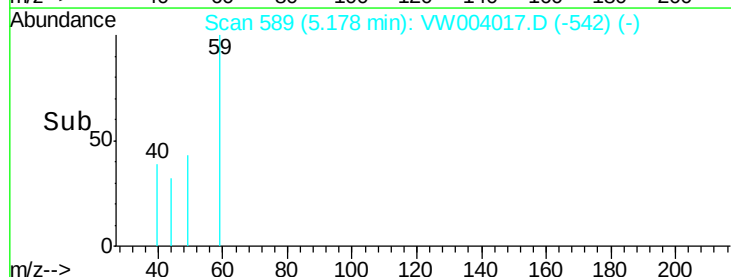
100

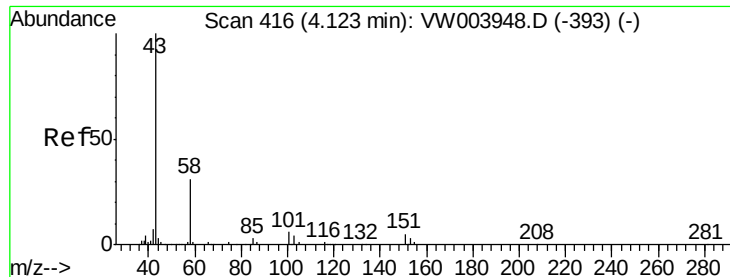
50

0

5.16 5.18 5.20

Time-->





#16

Acetone

Concen: 2.786 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004017.D

Acq: 18 Jul 2018 07:20

Instrument :

MSVOA_W

ClientSampleId :

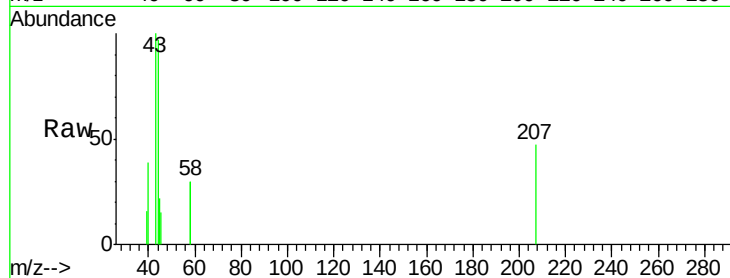
AU-05-071318-CRE

Tot Ion: 43 Resp: 1133

Ion Ratio Lower Upper

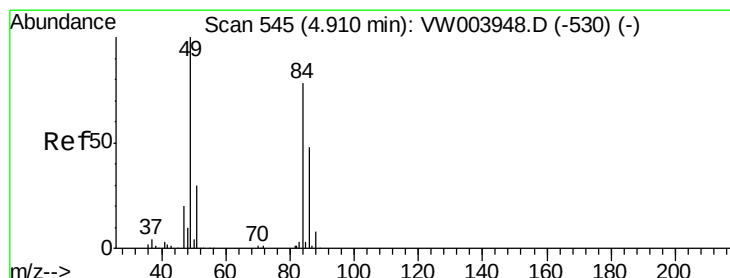
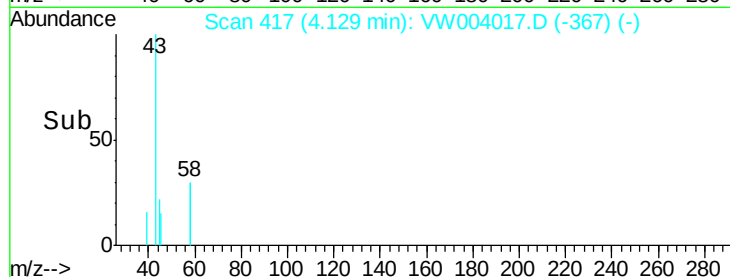
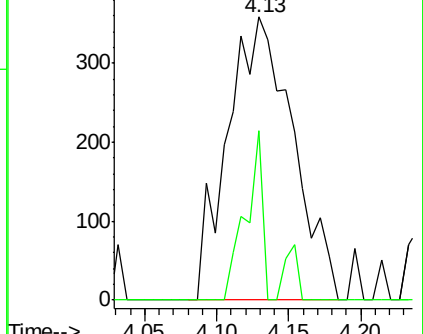
43 100

58 59.8 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004017.D

Acq: 18 Jul 2018 07:20

Tgt Ion: 84 Resp: 10467

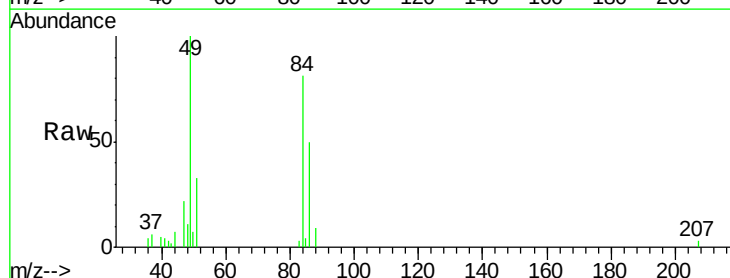
Ion Ratio Lower Upper

84 100

49 124.1 102.9 154.3

51 41.3 30.9 46.3

86 61.5 49.9 74.9

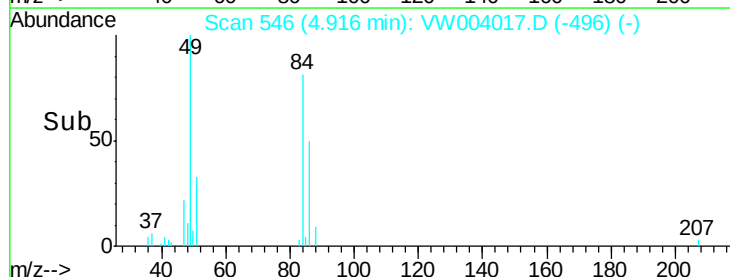
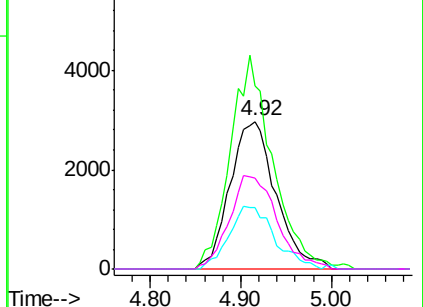


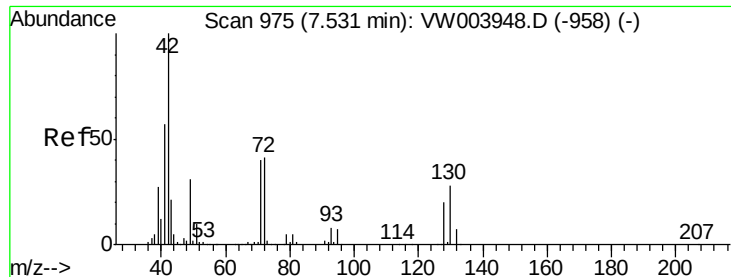
Abundance Ion 83.90 (83.60 to 84.60): VW

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

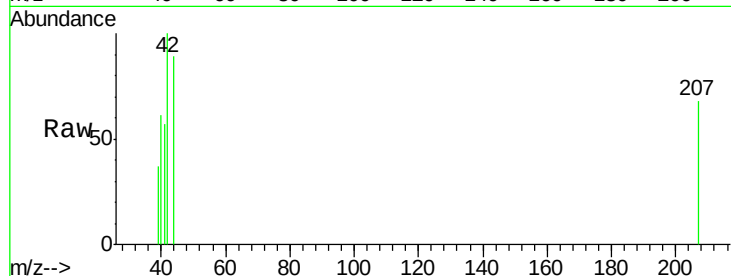




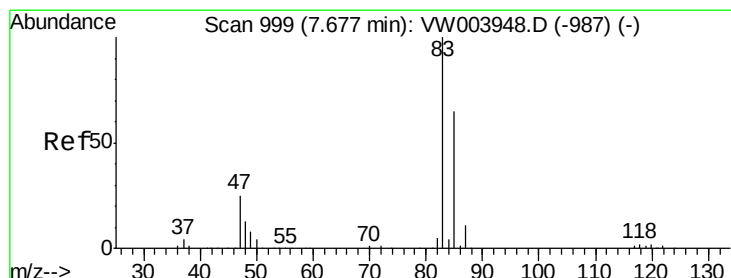
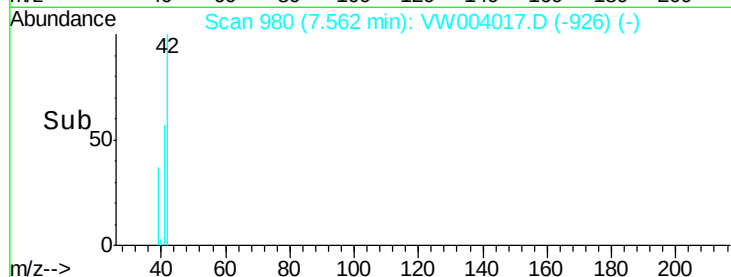
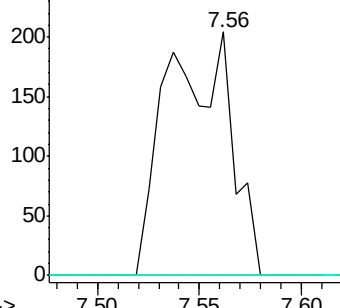
#29
Tetrahydrofuran
Concen: 1.306 ug/l
RT: 7.56 min Scan# 980
Delta R.T. 0.03 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

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

Tot Ion: 42 Resp: 445
Ion Ratio Lower Upper
42 100
72 0.0 32.6 48.8#
71 0.0 30.5 45.7#

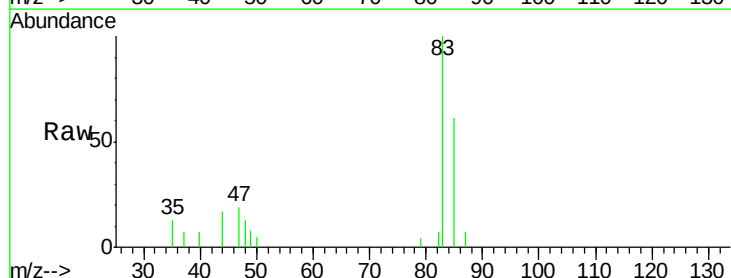


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

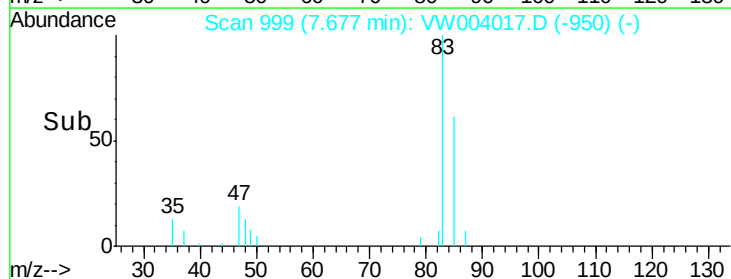
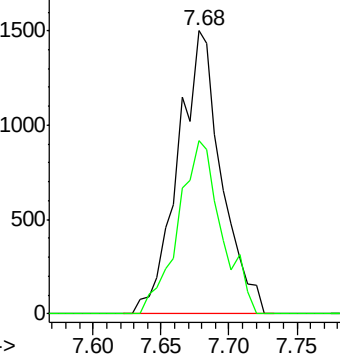


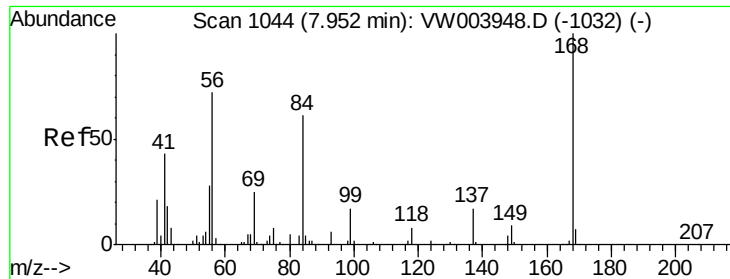
#30
Chloroform
Concen: 1.128 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

Tgt Ion: 83 Resp: 3361
Ion Ratio Lower Upper
83 100
85 61.1 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

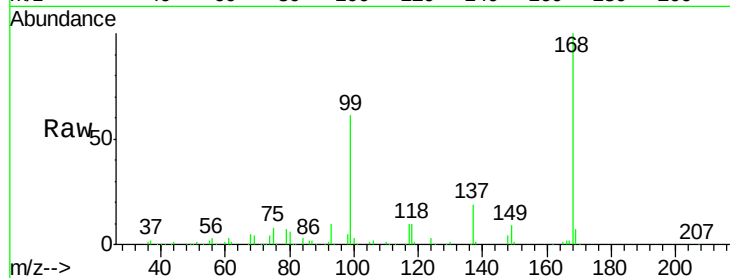




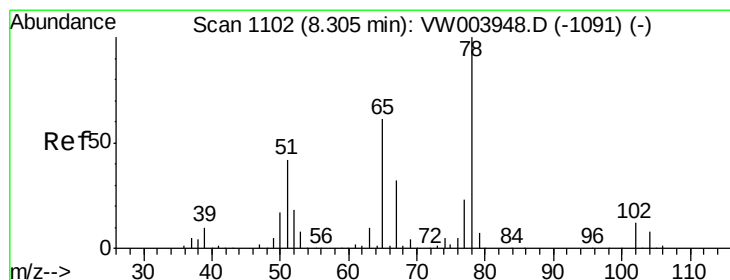
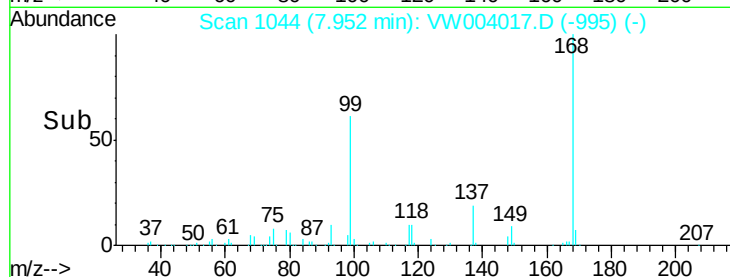
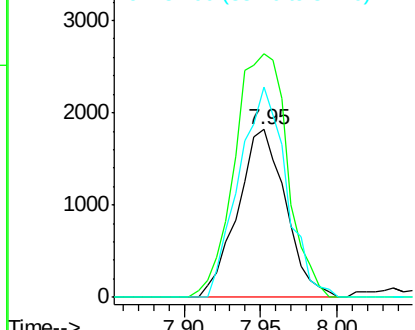
#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

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

Tot Ion: 56 Resp: 3970
Ion Ratio Lower Upper
56 100
69 145.0 27.8 41.8#
84 125.3 67.2 100.8#

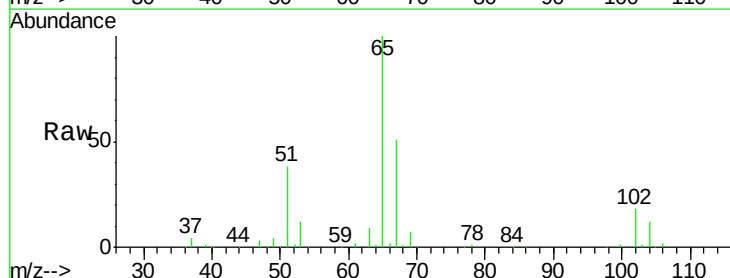


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

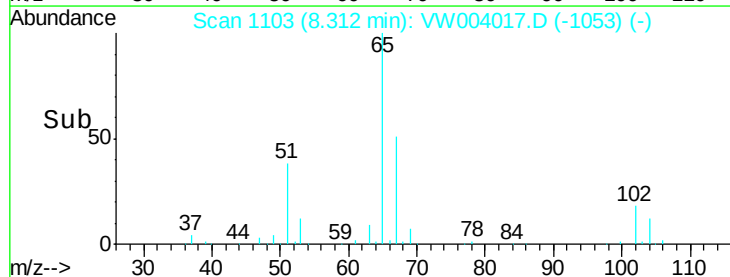
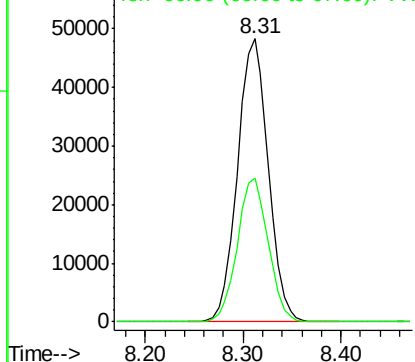


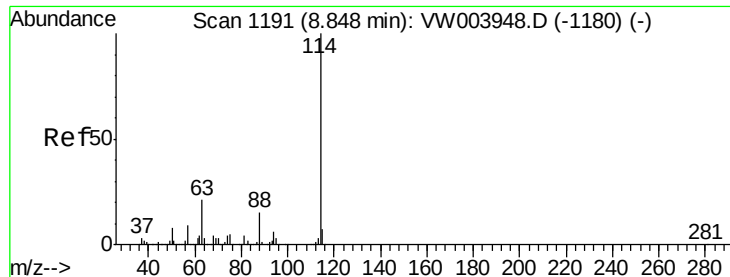
#33
1,2-Dichloroethane-d4
Concen: 62.134 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

Tgt Ion: 65 Resp: 105142
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.0



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

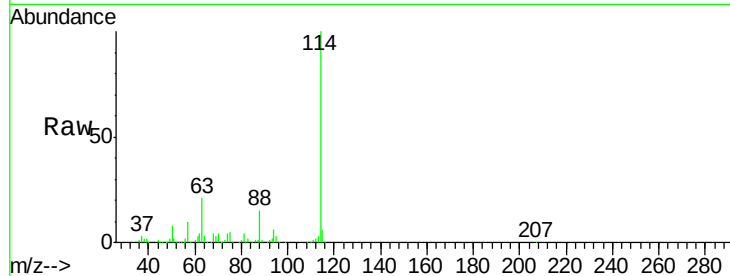




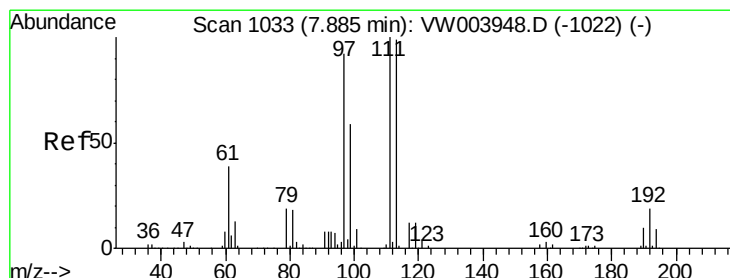
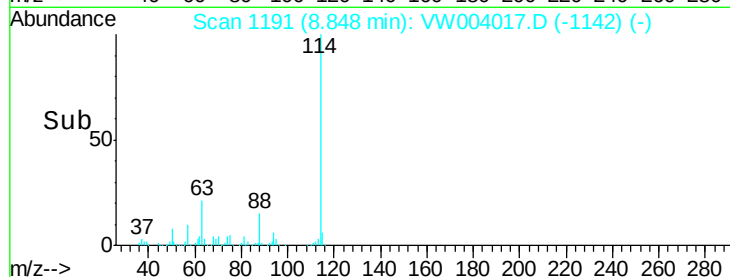
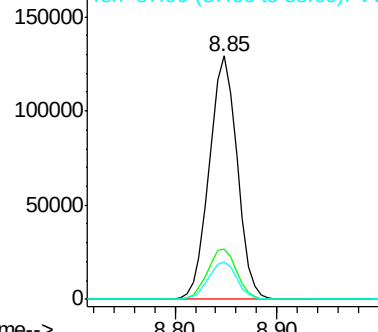
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004017.D
 Acq: 18 Jul 2018 07:20

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.8
88	15.3	0.0	30.4

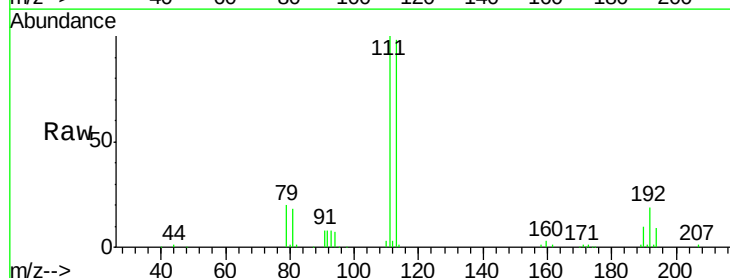


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

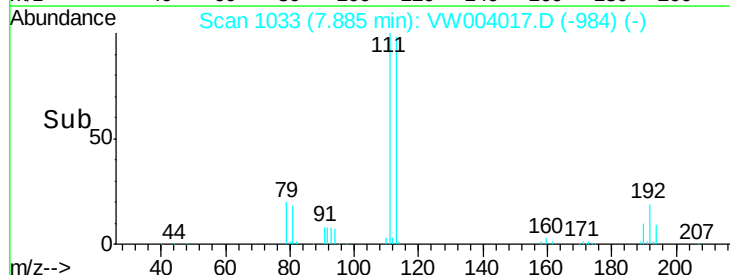
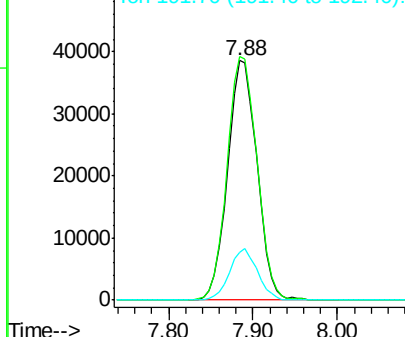


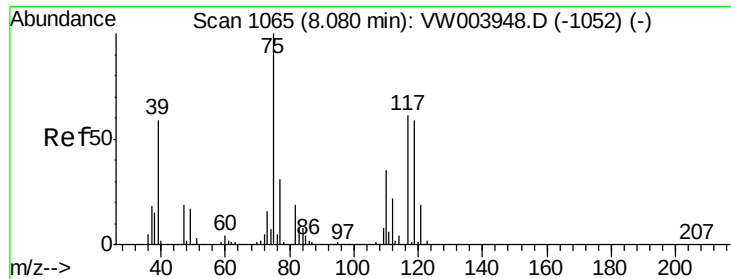
#35
 Dibromofluoromethane
 Concen: 58.195 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004017.D
 Acq: 18 Jul 2018 07:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.3	121.9
192	20.3	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

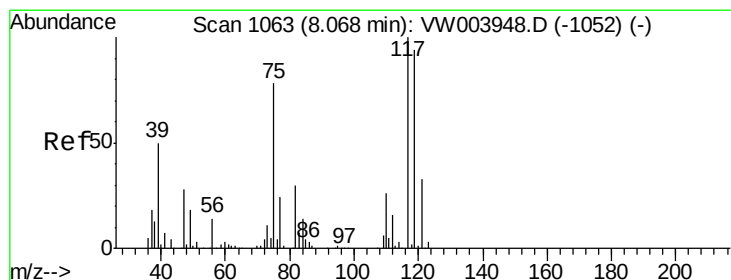
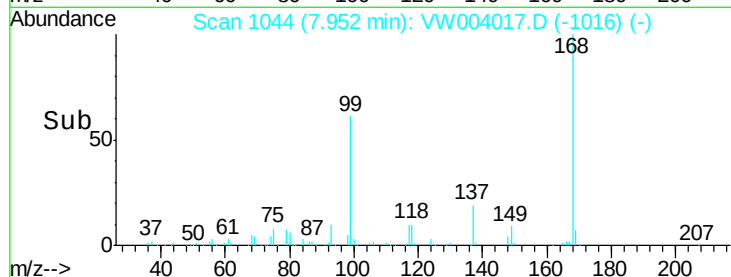
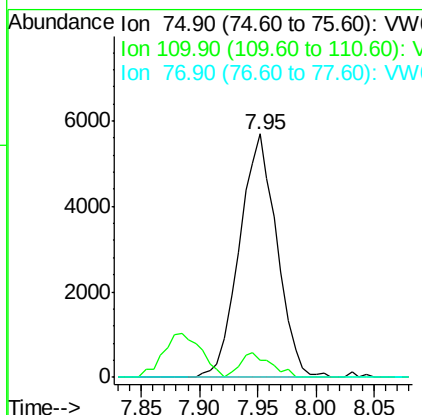
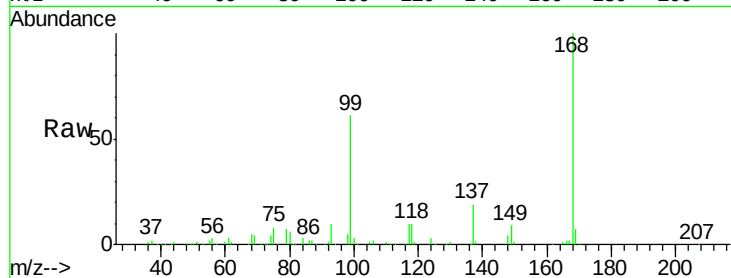




#36
 1,1-Dichloropropene
 Concen: 5.051 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004017.D
 Acq: 18 Jul 2018 07:20

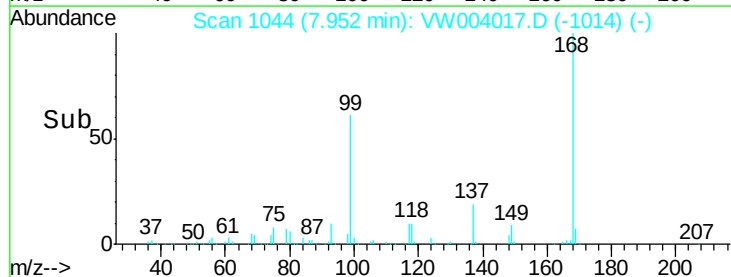
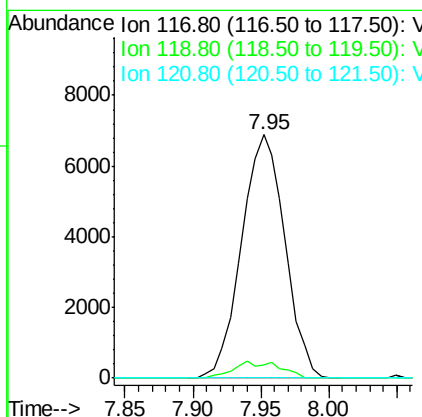
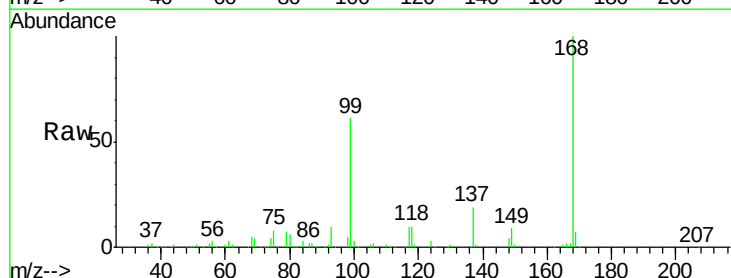
Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-CRE

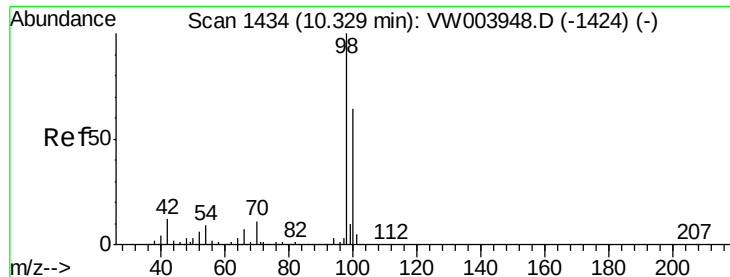
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.0	51.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.504 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004017.D
 Acq: 18 Jul 2018 07:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	75.3	112.9#
121	0.0	26.0	39.0#





#50

Toluene-d8

Concen: 42.255 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004017.D

Acq: 18 Jul 2018 07:20

Instrument :

MSVOA_W

ClientSampleId :

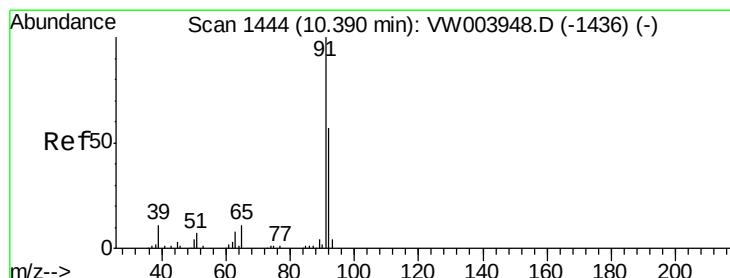
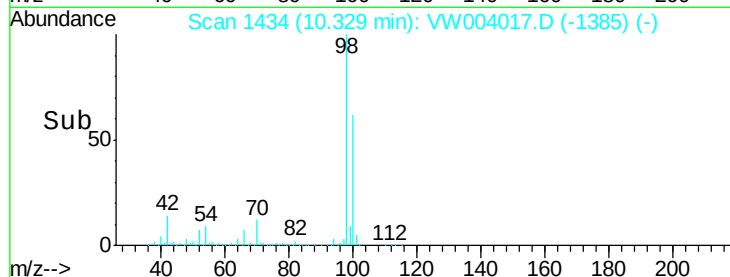
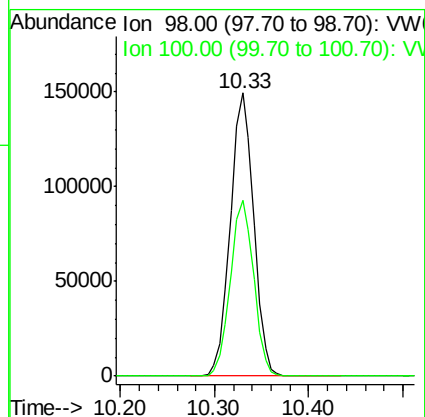
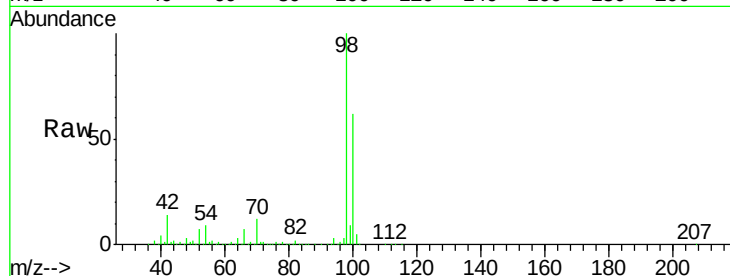
AU-05-071318-CRE

Tot Ion: 98 Resp: 257217

Ion Ratio Lower Upper

98 100

100 62.0 51.2 76.8



#52

Toluene

Concen: 3.002 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004017.D

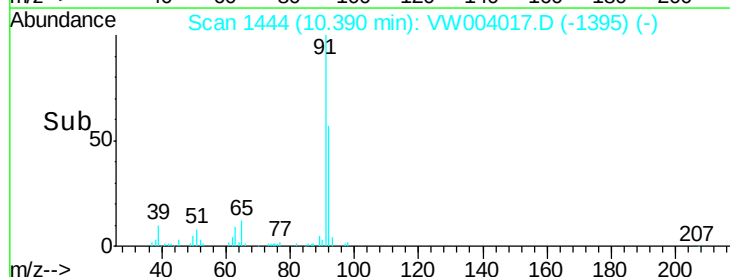
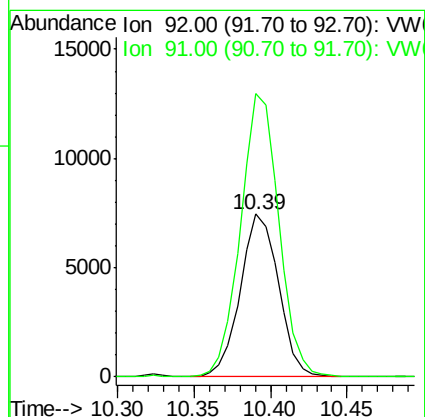
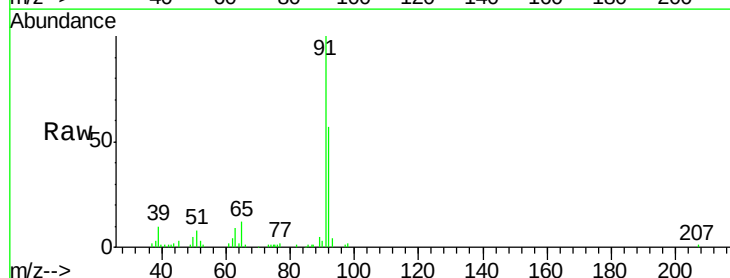
Acq: 18 Jul 2018 07:20

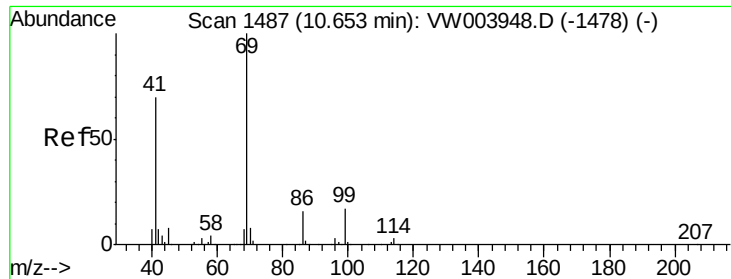
Tgt Ion: 92 Resp: 12957

Ion Ratio Lower Upper

92 100

91 174.5 139.6 209.4





#56

Ethyl methacrylate

Concen: 3.045 ug/l

RT: 10.68 min Scan# 1492

Delta R.T. 0.03 min

Lab File: VW004017.D

Acq: 18 Jul 2018 07:20

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-CRE

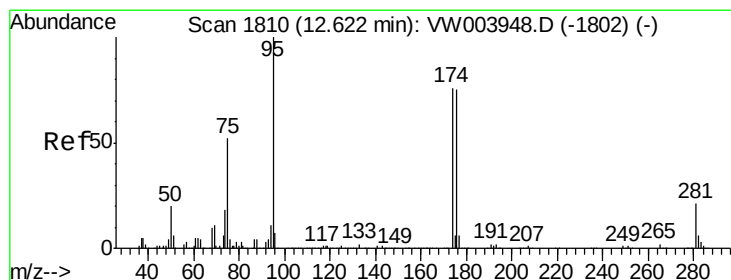
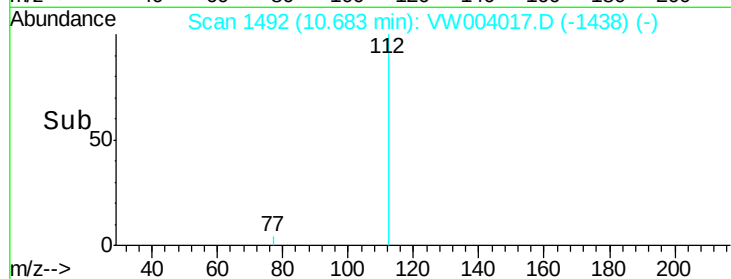
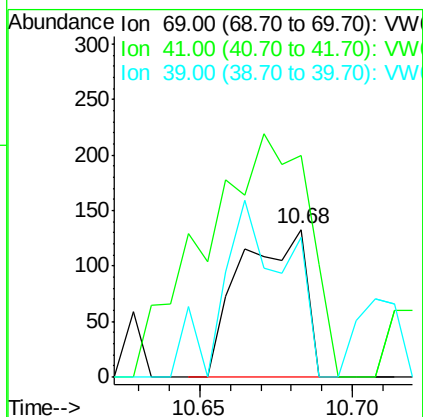
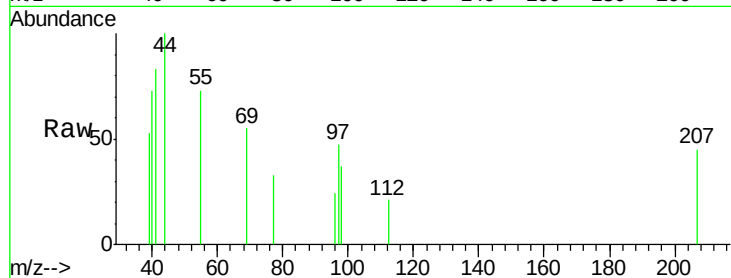
Tot Ion: 69 Resp: 196

Ion Ratio Lower Upper

69 100

41 264.8 56.5 84.7#

39 118.4 30.2 45.4#



#62

4-Bromofluorobenzene

Concen: 31.322 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004017.D

Acq: 18 Jul 2018 07:20

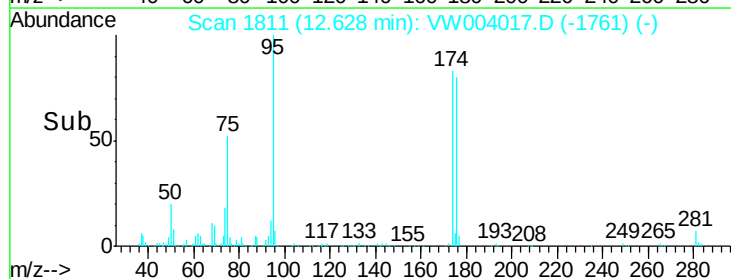
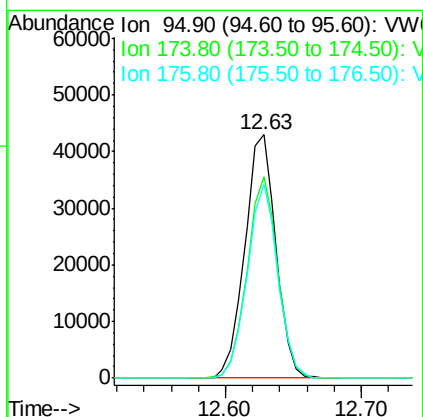
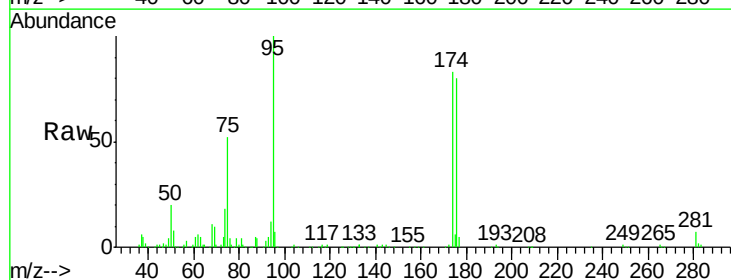
Tgt Ion: 95 Resp: 68754

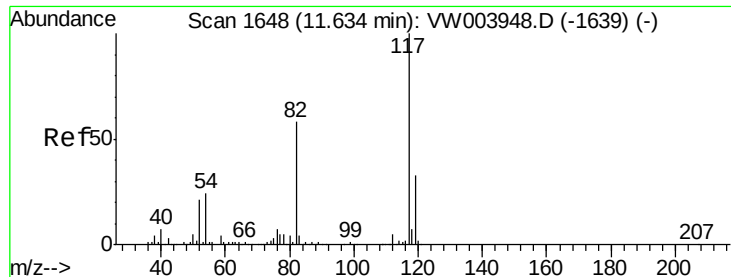
Ion Ratio Lower Upper

95 100

174 81.7 0.0 160.2

176 78.3 0.0 155.8

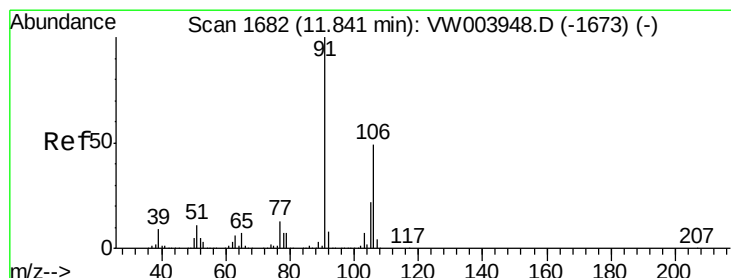
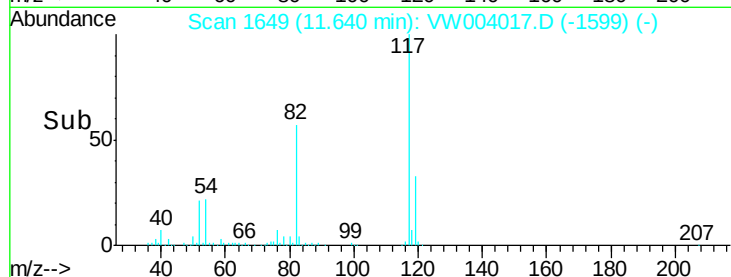
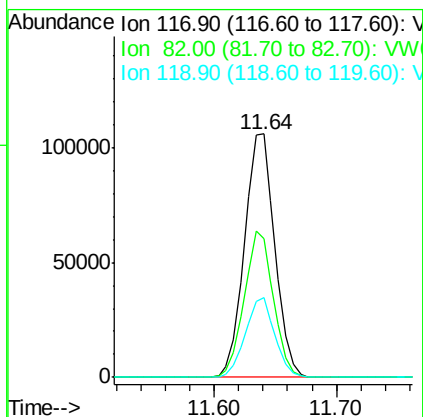
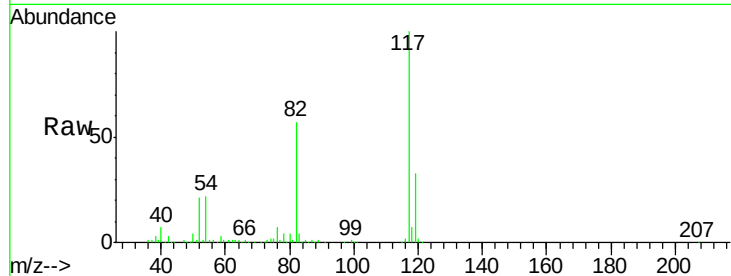




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

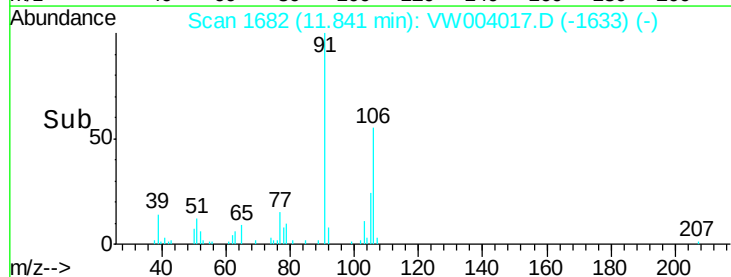
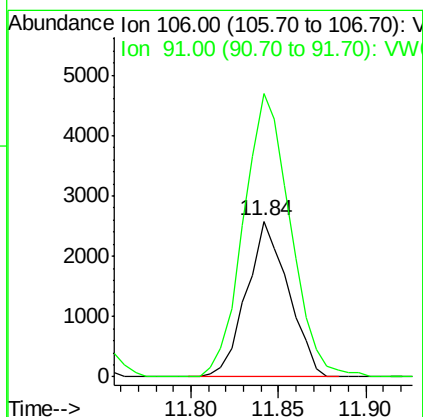
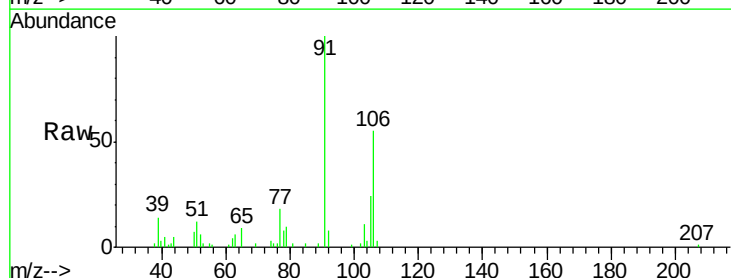
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-CRE

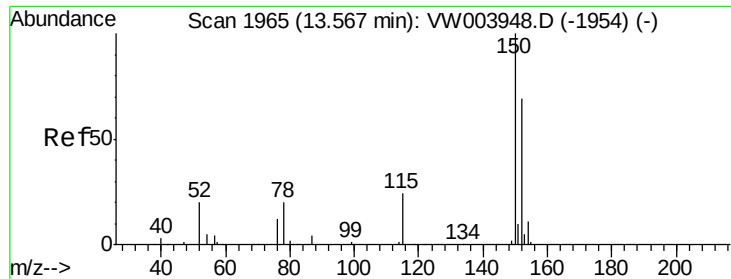
Tot Ion:117 Resp: 182762
Ion Ratio Lower Upper
117 100
82 57.0 46.5 69.7
119 32.8 26.2 39.2



#68
m/p-Xylenes
Concen: 1.645 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW004017.D
Acq: 18 Jul 2018 07:20

Tgt Ion:106 Resp: 4292
Ion Ratio Lower Upper
106 100
91 203.7 164.2 246.2

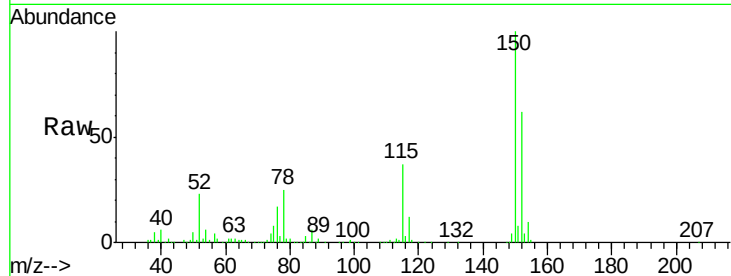




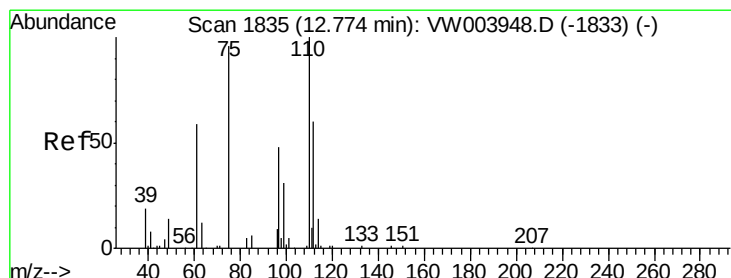
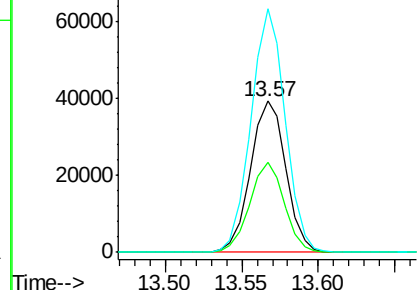
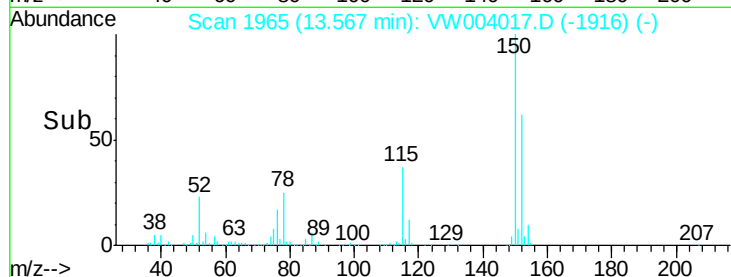
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1965
 Delta R.T. 0.00 min
 Lab File: VW004017.D
 Acq: 18 Jul 2018 07:20

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

Tot Ion:152 Resp: 63094
 Ion Ratio Lower Upper
 152 100
 115 58.8 29.2 87.6
 150 156.0 0.0 345.2

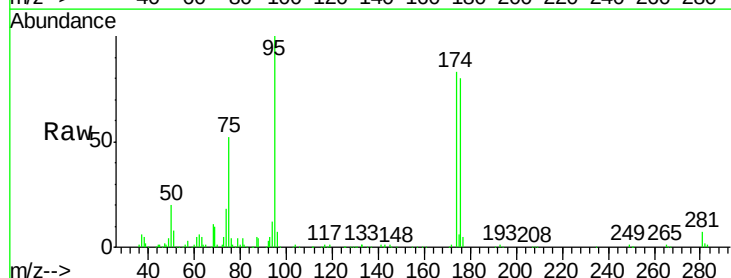


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

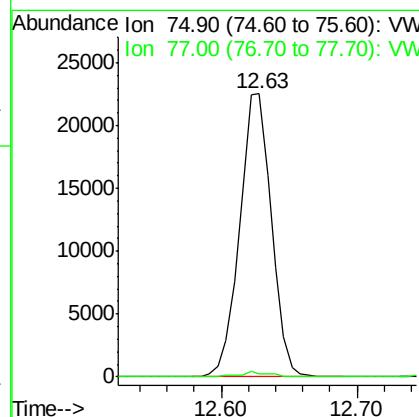
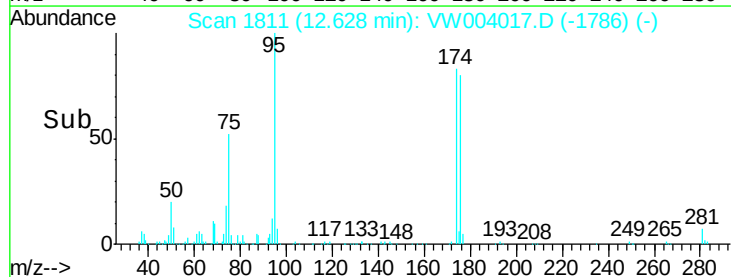


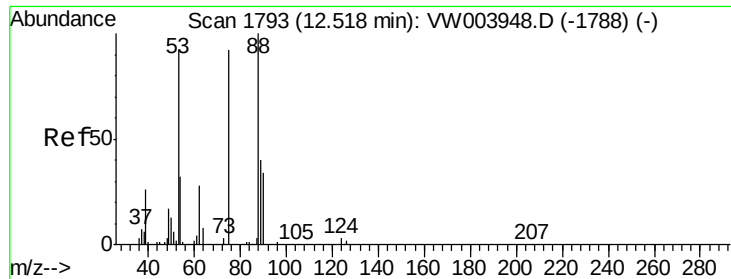
#76
 1,2,3-Trichloropropane
 Concen: 58.428 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. -0.15 min
 Lab File: VW004017.D
 Acq: 18 Jul 2018 07:20

Tgt Ion: 75 Resp: 36598
 Ion Ratio Lower Upper
 75 100
 77 1.5 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: 129.241 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004017.D

Acq: 18 Jul 2018 07:20

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-CRE

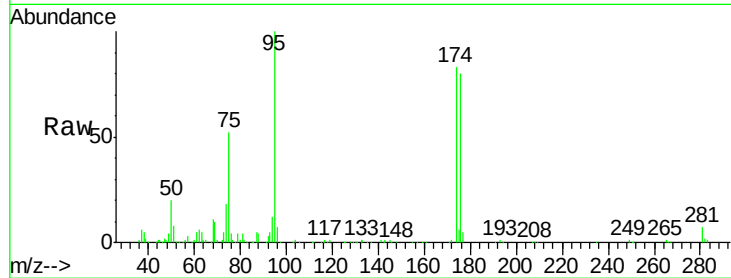
Tot Ion: 75 Resp: 36598

Ion Ratio Lower Upper

75 100

53 0.2 77.6 116.4#

89 0.2 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

