

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003990.D
 Acq On : 17 Jul 2018 17:28
 Operator : VA/AP
 Sample : J3819-05
 Misc : 6.07G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 18 04:50:19 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	162379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	270635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	220820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119591	65.89	ug/l	0.00
Spiked Amount						
			Recovery	=	131.78%	
35) Dibromofluoromethane	7.88	113	100182	57.69	ug/l	0.00
Spiked Amount						
			Recovery	=	115.38%	
50) Toluene-d8	10.33	98	289812	43.01	ug/l	0.00
Spiked Amount						
			Recovery	=	86.02%	
62) 4-Bromofluorobenzene	12.62	95	87159	35.87	ug/l	0.00
Spiked Amount						
			Recovery	=	71.74%	

Target Compounds

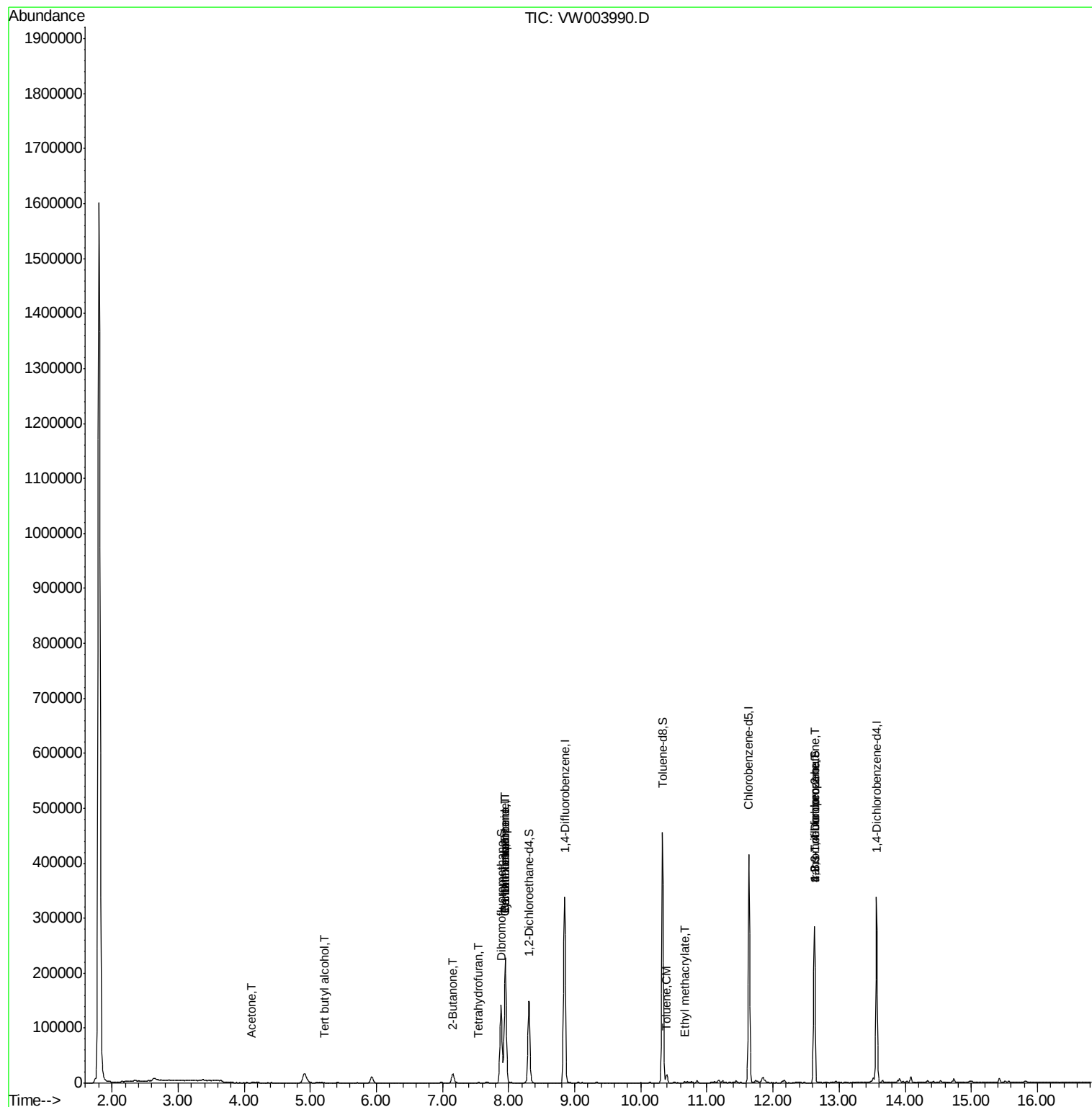
						Qvalue
11) Tert butyl alcohol	5.20	59	759	6.057	ug/l #	80
16) Acetone	4.12	43	1658	3.801	ug/l #	87
25) 2-Butanone	7.15	43	1221	2.080	ug/l #	51
29) Tetrahydrofuran	7.54	42	537	1.469	ug/l #	66
31) Cyclohexane	7.94	56	4429	1.471	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	13903	4.993	ug/l #	49
38) Carbon Tetrachloride	7.95	117	16713	6.424	ug/l #	21
52) Toluene	10.39	92	5871	1.229	ug/l	93
56) Ethyl methacrylate	10.66	69	277	3.073	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	46186	55.659	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	46186	123.116	ug/l #	11

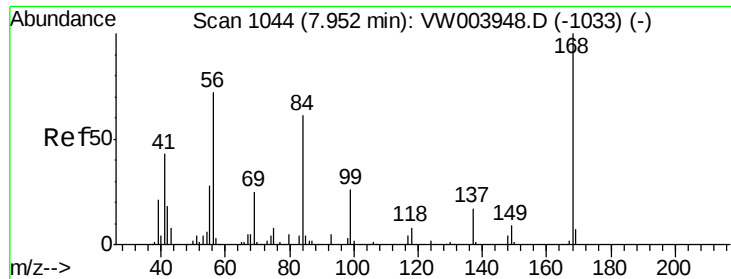
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
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Quant Time: Jul 18 04:50:19 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: VW003990.D

Acq: 17 Jul 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

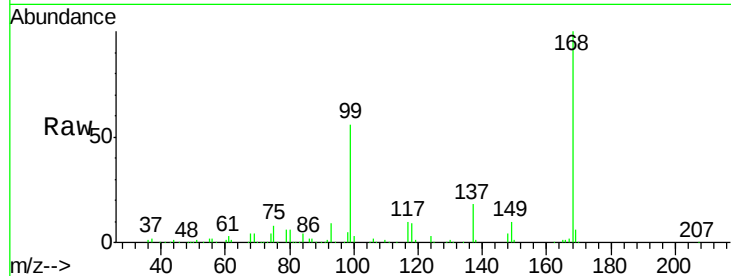
AU-05-071318-C

Tot Ion:168 Resp: 162379

Ion Ratio Lower Upper

168 100

99 56.5 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

80000

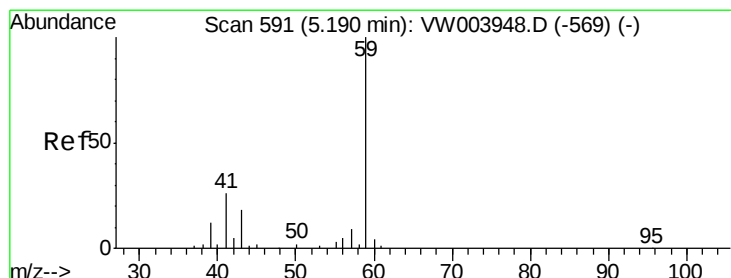
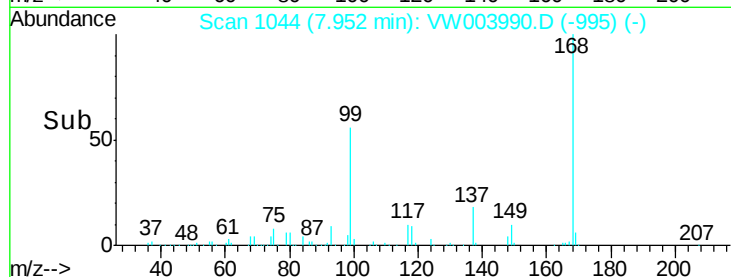
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: 6.057 ug/l

RT: 5.20 min Scan# 593

Delta R.T. 0.01 min

Lab File: VW003990.D

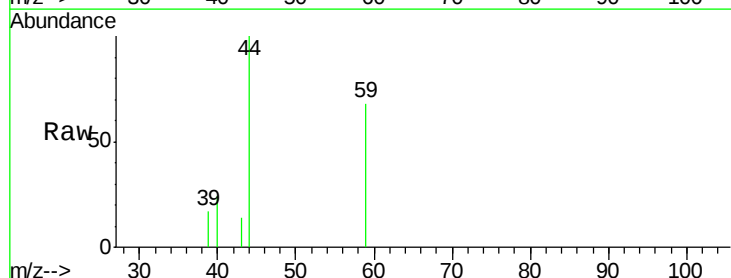
Acq: 17 Jul 2018 17:28

Tgt Ion: 59 Resp: 759

Ion Ratio Lower Upper

59 100

57 2.9 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

300

250

200

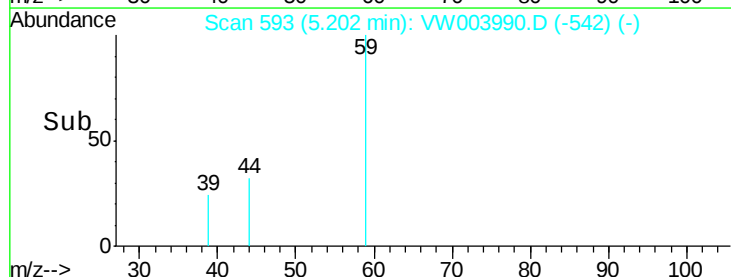
150

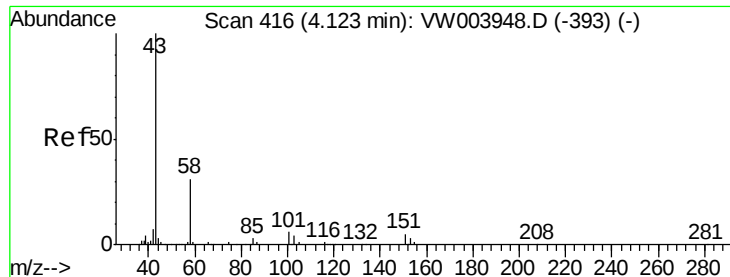
100

50

0

Time--> 5.15 5.20 5.25

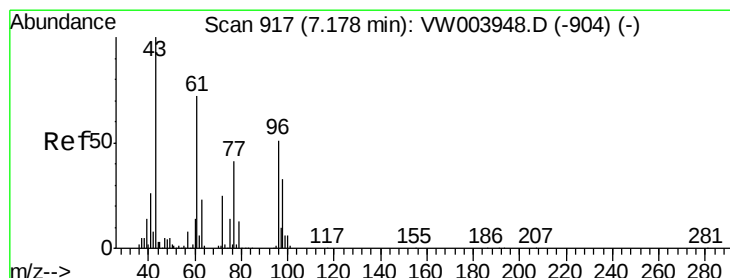
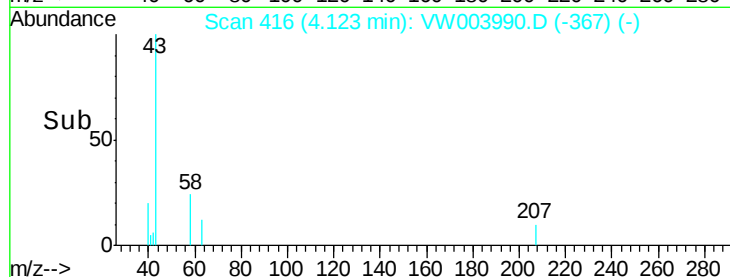
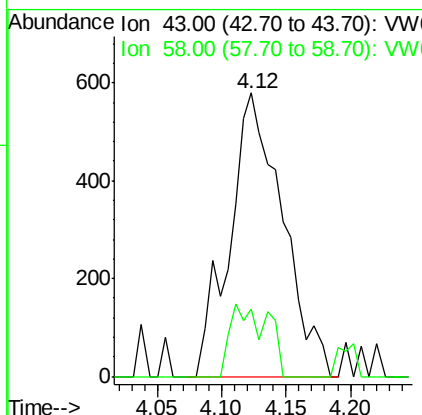
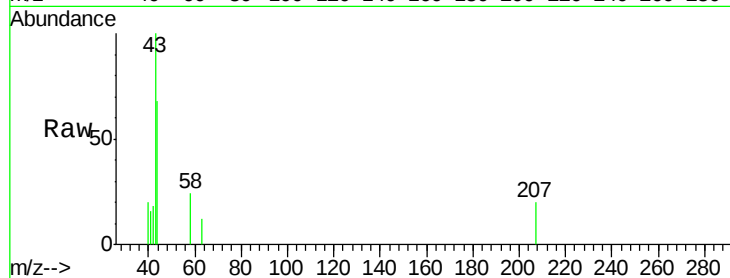




#16
Acetone
Concen: 3.801 ug/l
RT: 4.12 min Scan# 416
Delta R.T. 0.00 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

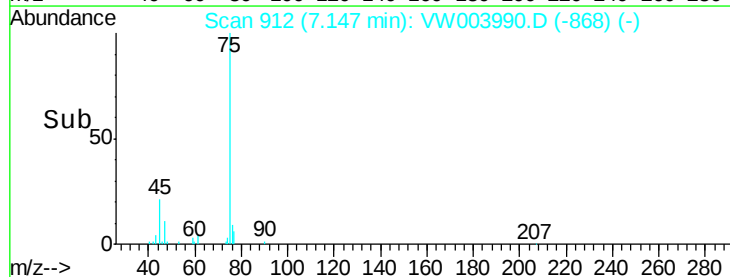
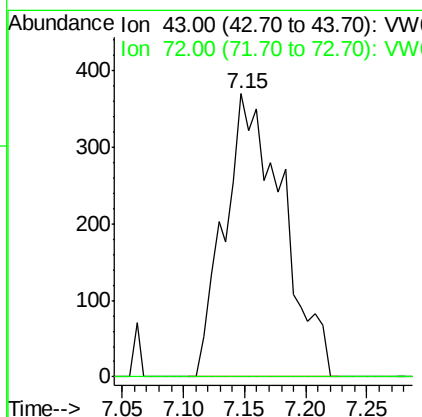
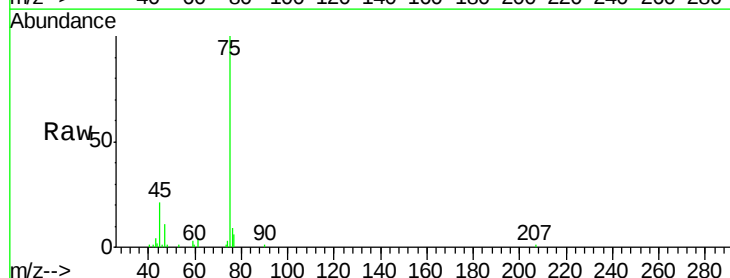
Instrument :
MSVOA_W
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AU-05-071318-C

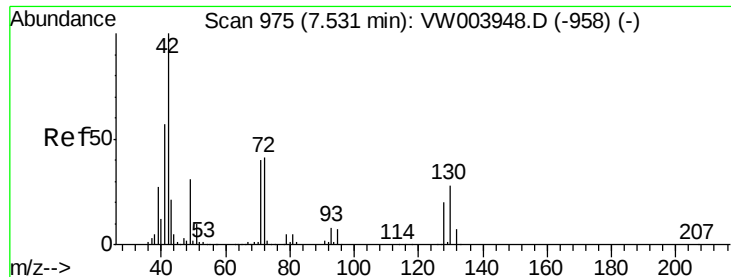
Tot Ion: 43 Resp: 1658
Ion Ratio Lower Upper
43 100
58 23.7 24.5 36.7#



#25
2-Butanone
Concen: 2.080 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.03 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#

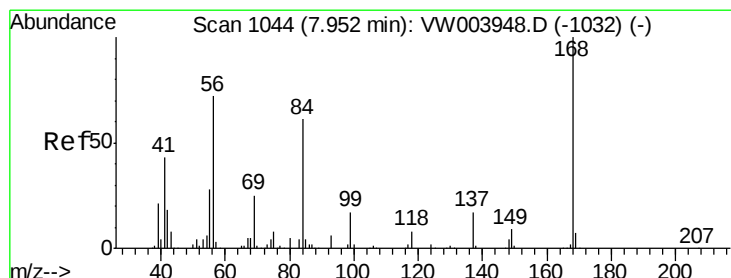
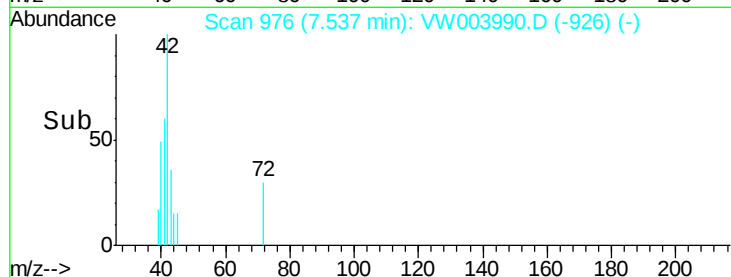
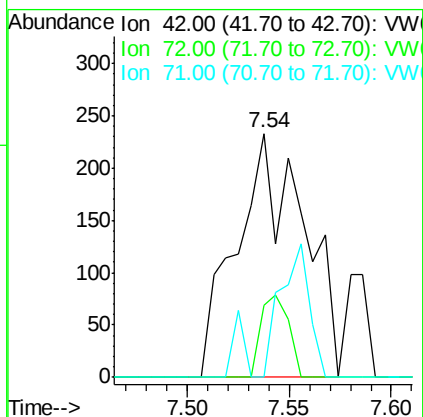
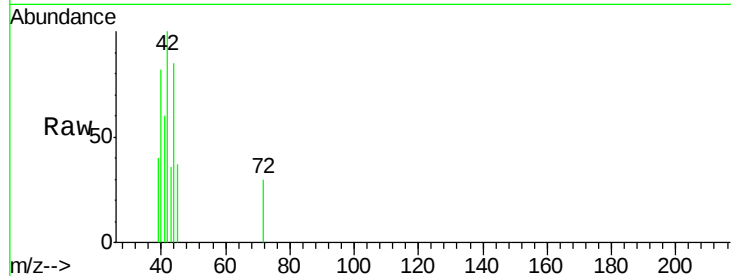




#29
Tetrahydrofuran
Concen: 1.469 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.01 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

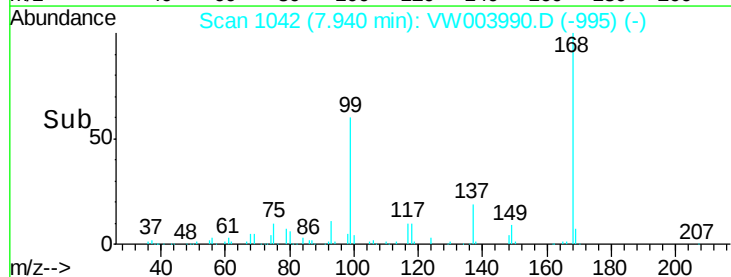
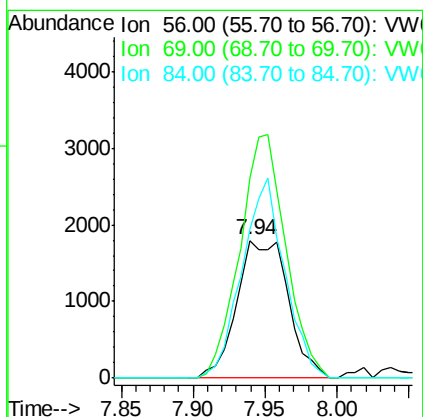
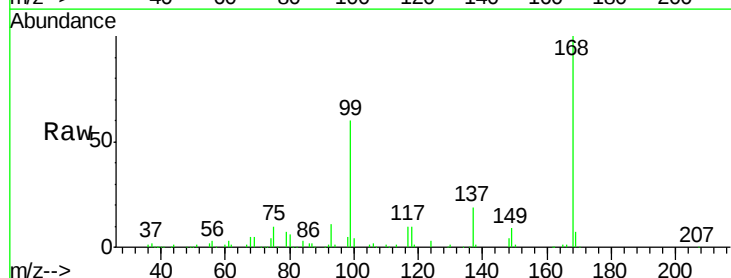
Instrument :
MSVOA_W
ClientSampleId :
AU-05-071318-C

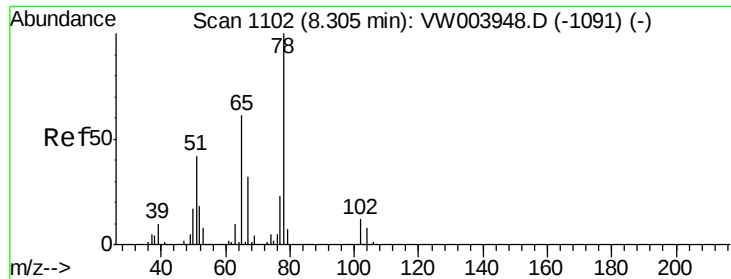
Tot Ion: 42 Resp: 537
Ion Ratio Lower Upper
42 100
72 13.8 32.6 48.8#
71 23.6 30.5 45.7#



#31
Cyclohexane
Concen: 1.471 ug/l
RT: 7.94 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

Tgt Ion: 56 Resp: 4429
Ion Ratio Lower Upper
56 100
69 145.0 27.8 41.8#
84 108.2 67.2 100.8#

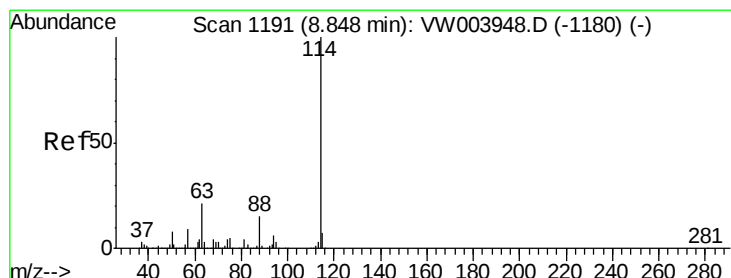
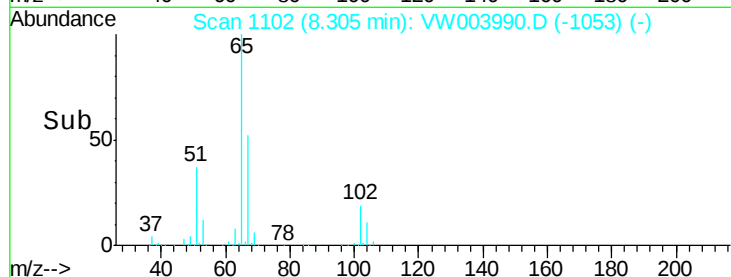
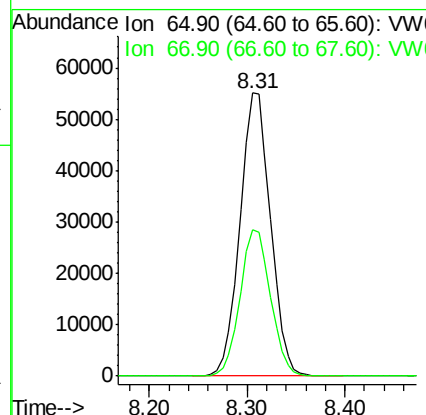
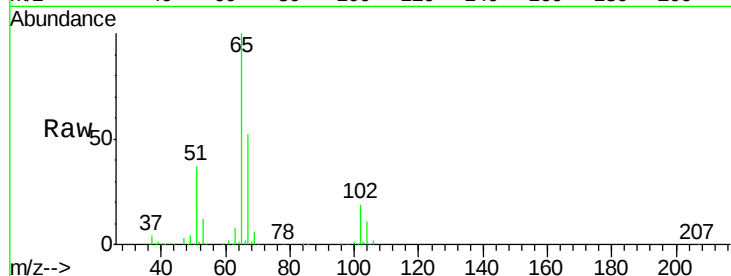




#33
 1,2-Dichloroethane-d4
 Concen: 65.888 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003990.D
 Acq: 17 Jul 2018 17:28

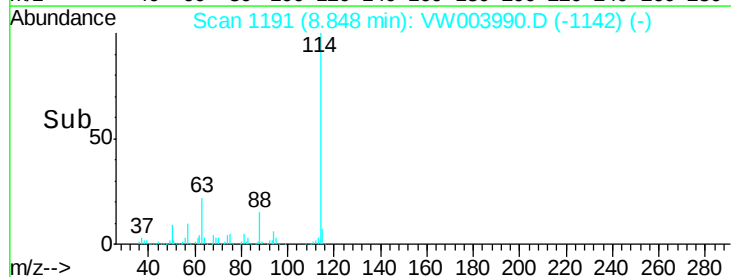
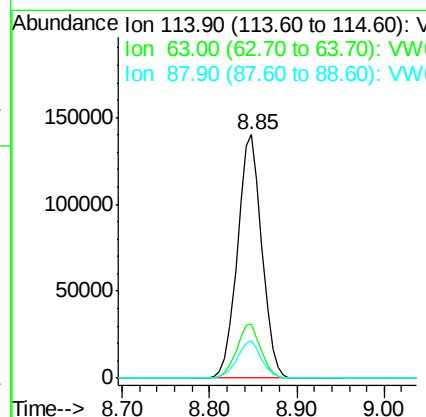
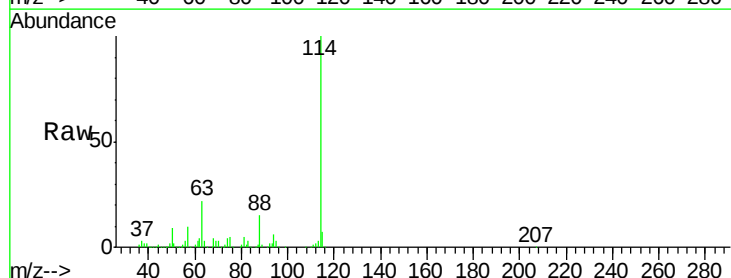
Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-C

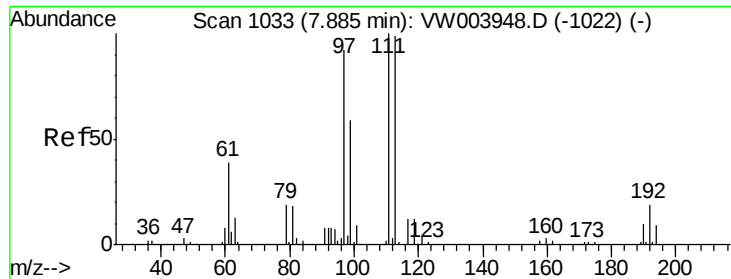
Tot Ion: 65 Resp: 119591
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003990.D
 Acq: 17 Jul 2018 17:28

Tgt Ion: 114 Resp: 270635
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 42.8
 88 15.3 0.0 30.4

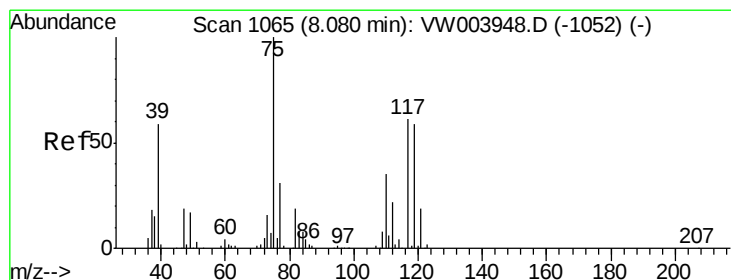
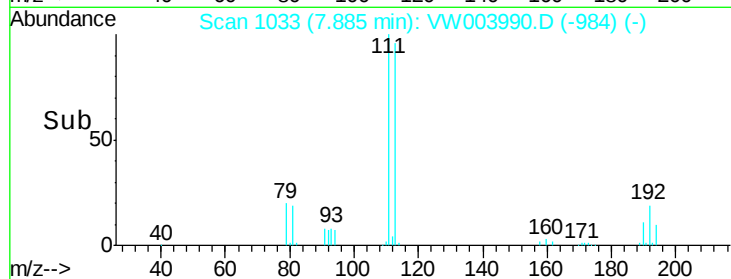
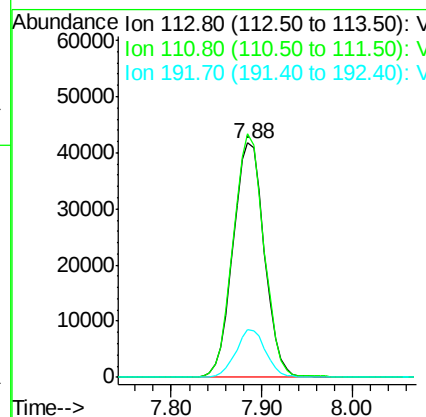
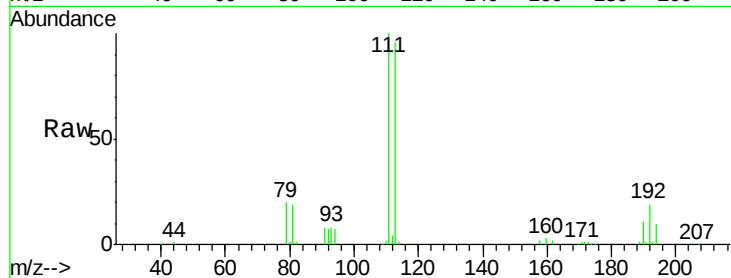




#35
 Dibromofluoromethane
 Concen: 57.693 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003990.D
 Acq: 17 Jul 2018 17:28

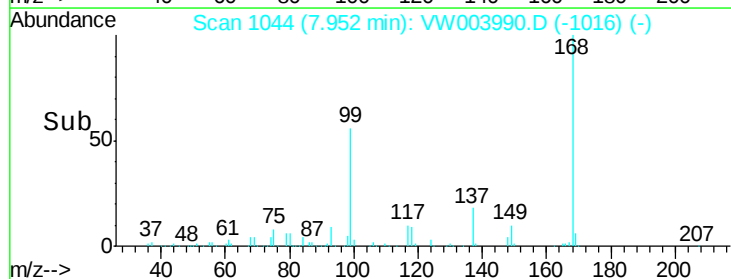
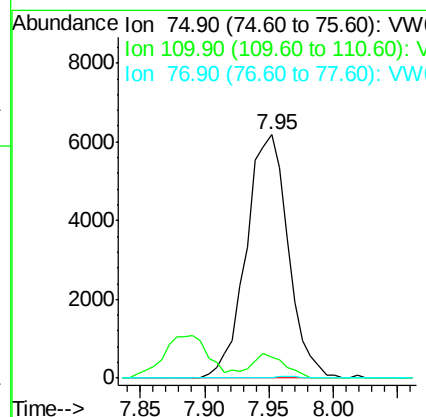
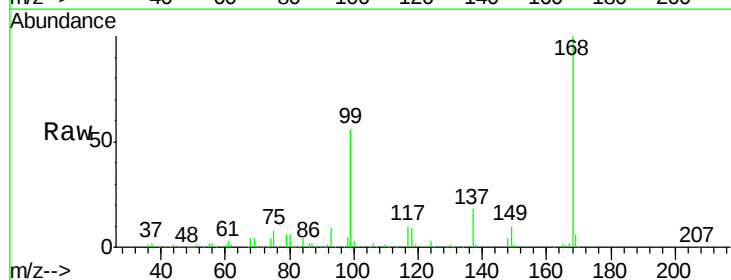
Instrument :
 MSVOA_W
 ClientSampleId :
 AU-05-071318-C

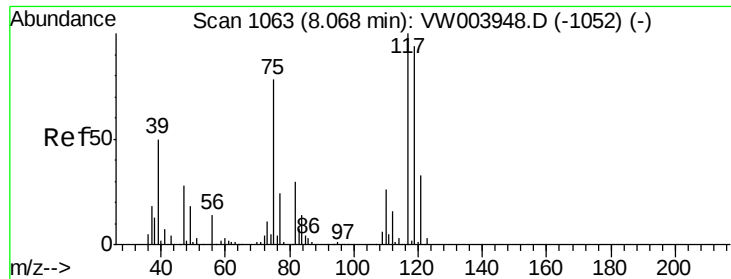
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.3	121.9
192	19.3	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.993 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW003990.D
 Acq: 17 Jul 2018 17:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	17.0	51.0#
77	0.4	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.424 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW003990.D

Acq: 17 Jul 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-C

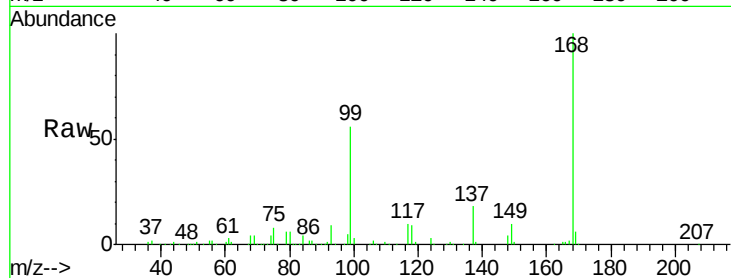
Tot Ion:117 Resp: 16713

Ion Ratio Lower Upper

117 100

119 10.2 75.3 112.9#

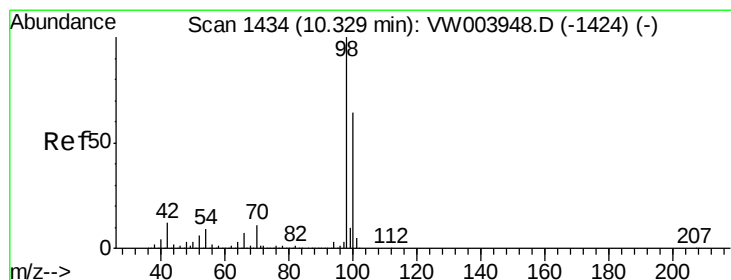
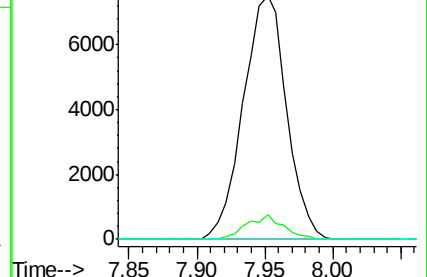
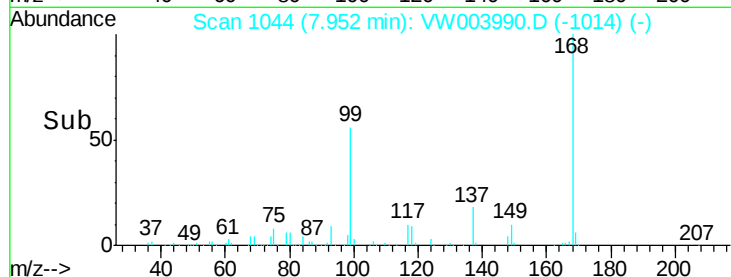
121 0.0 26.0 39.0#



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: 43.012 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW003990.D

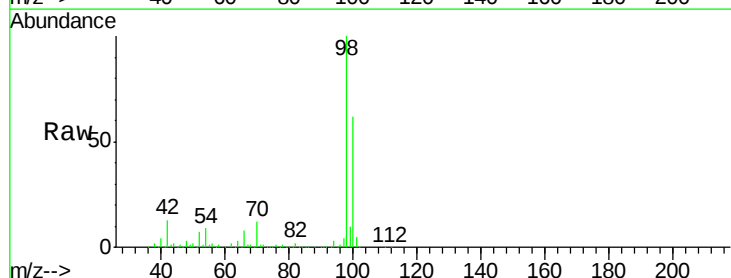
Acq: 17 Jul 2018 17:28

Tgt Ion: 98 Resp: 289812

Ion Ratio Lower Upper

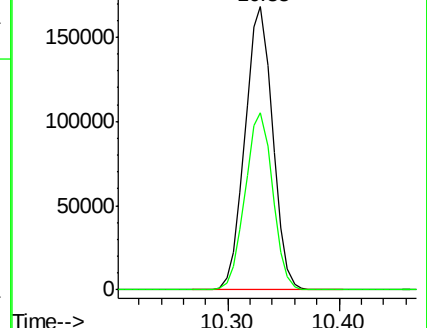
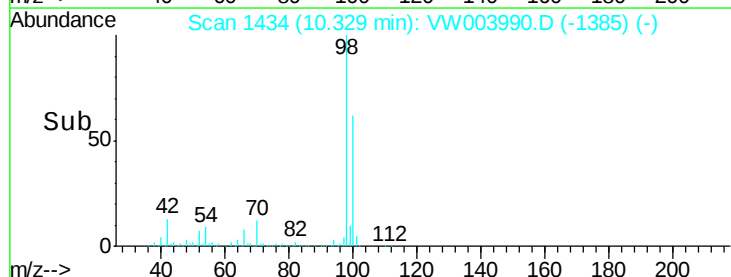
98 100

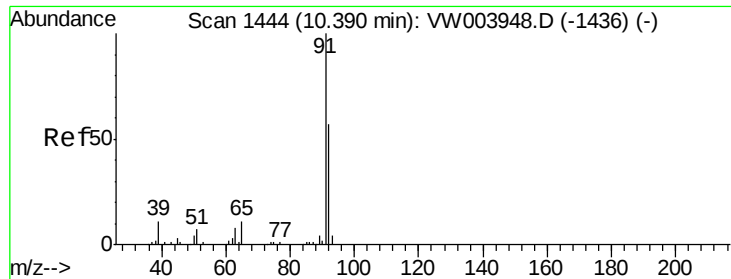
100 62.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.229 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003990.D

Acq: 17 Jul 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

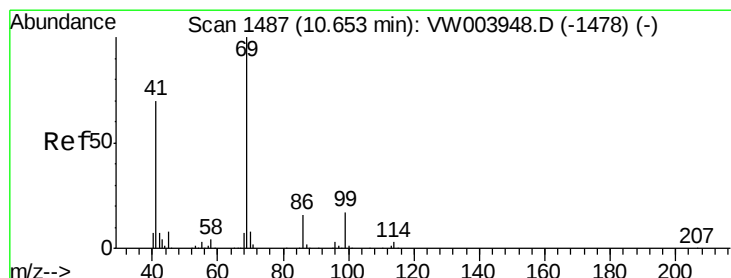
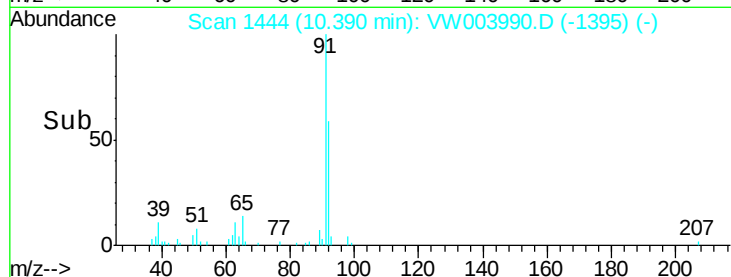
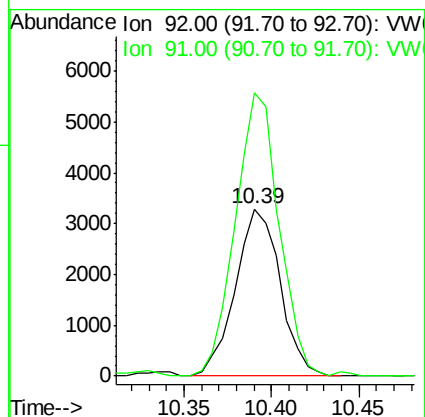
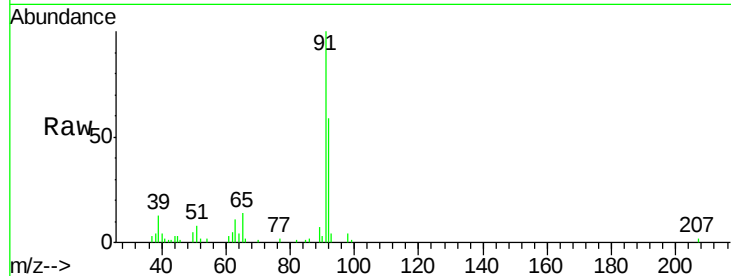
AU-05-071318-C

Tot Ion: 92 Resp: 5871

Ion Ratio Lower Upper

92 100

91 164.7 139.6 209.4



#56

Ethyl methacrylate

Concen: 3.073 ug/l

RT: 10.66 min Scan# 1489

Delta R.T. 0.01 min

Lab File: VW003990.D

Acq: 17 Jul 2018 17:28

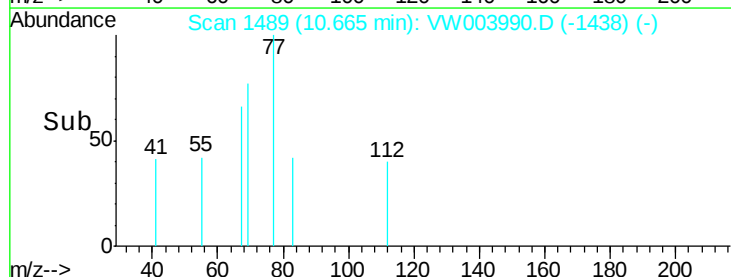
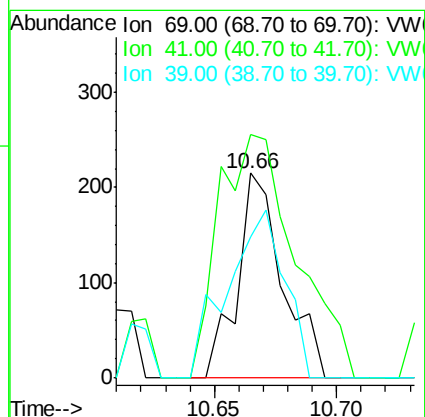
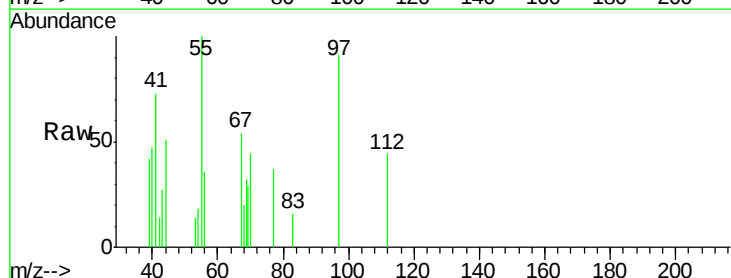
Tgt Ion: 69 Resp: 277

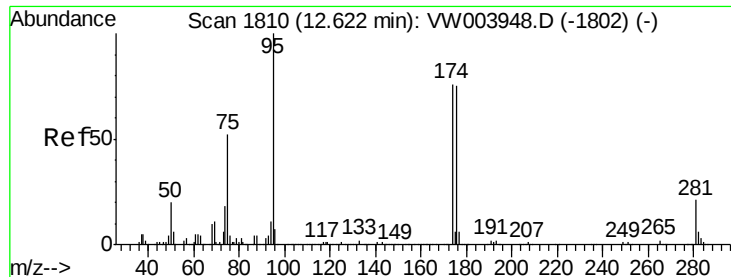
Ion Ratio Lower Upper

69 100

41 201.4 56.5 84.7#

39 104.0 30.2 45.4#

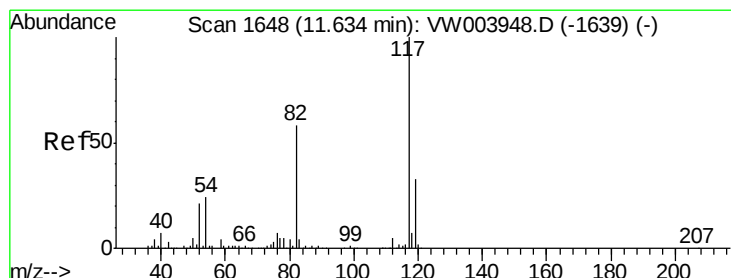
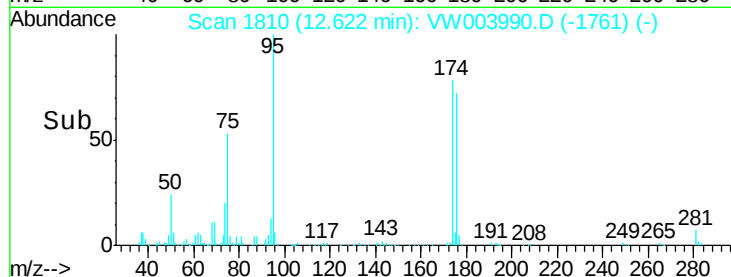
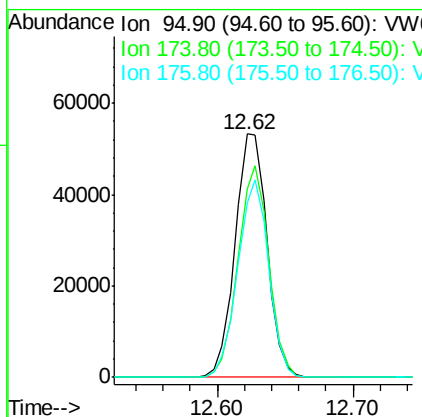
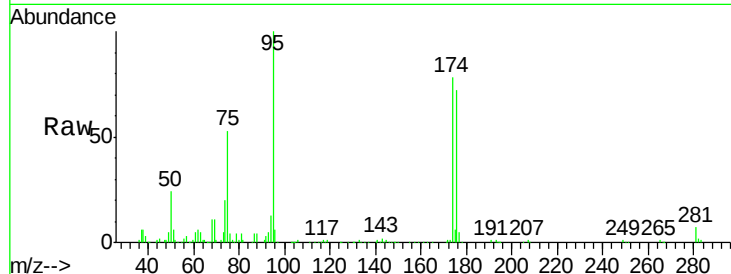




#62
4-Bromofluorobenzene
Concen: 35.873 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

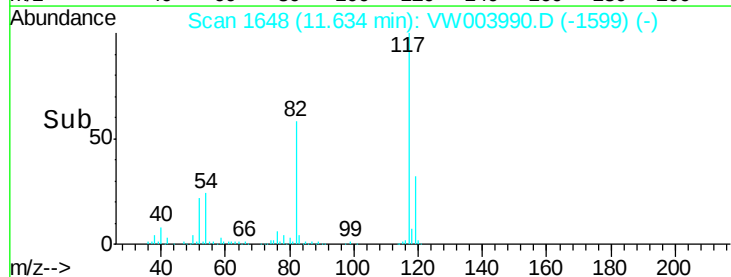
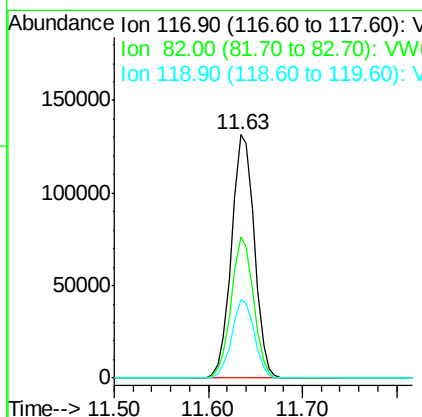
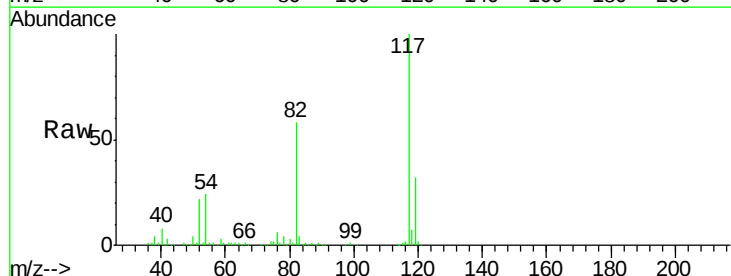
Instrument :
MSVOA_W
ClientSampled :
AU-05-071318-C

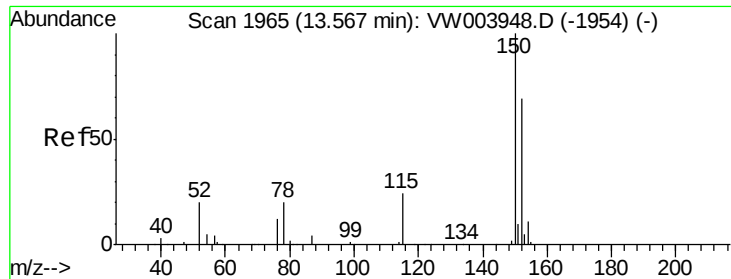
Tot Ion: 95 Resp: 87159
Ion Ratio Lower Upper
95 100
174 84.0 0.0 160.2
176 78.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003990.D
Acq: 17 Jul 2018 17:28

Tgt Ion: 117 Resp: 220820
Ion Ratio Lower Upper
117 100
82 57.9 46.5 69.7
119 32.0 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: VW003990.D

Acq: 17 Jul 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-C

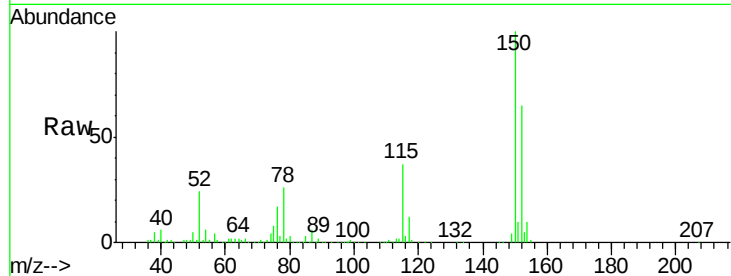
Tot Ion:152 Resp: 83585

Ion Ratio Lower Upper

152 100

115 58.7 29.2 87.6

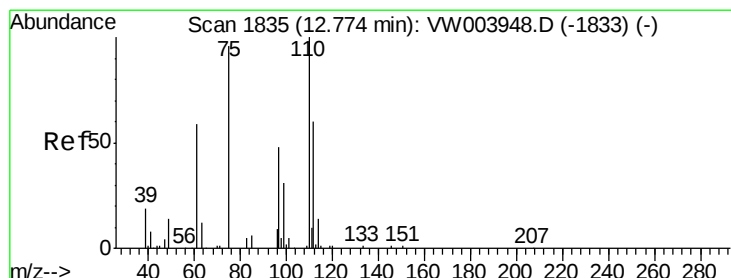
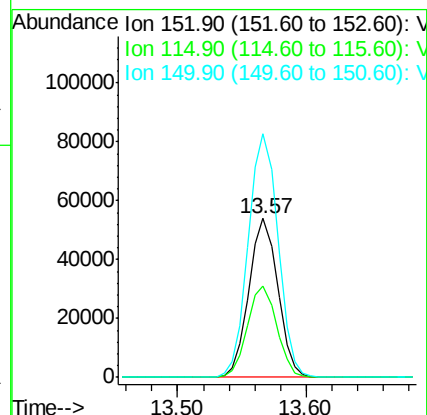
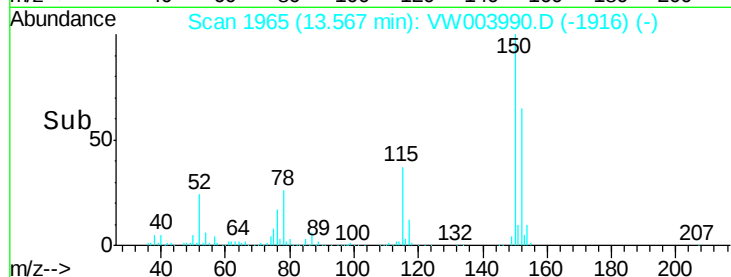
150 157.4 0.0 345.2



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: 55.659 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW003990.D

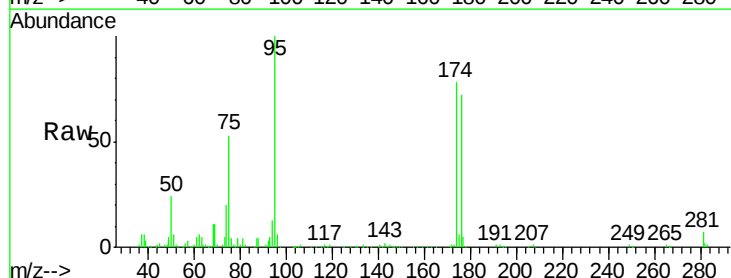
Acq: 17 Jul 2018 17:28

Tgt Ion: 75 Resp: 46186

Ion Ratio Lower Upper

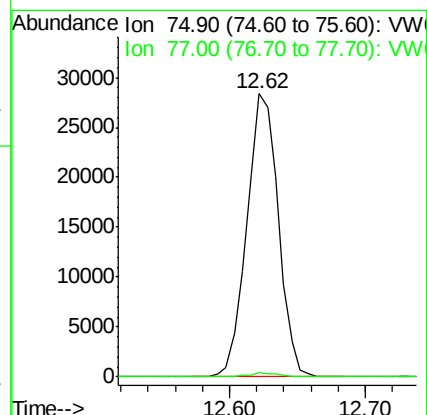
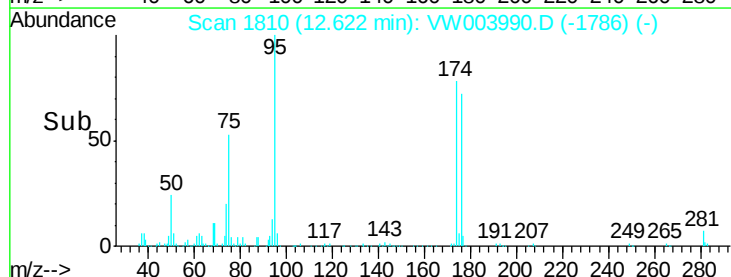
75 100

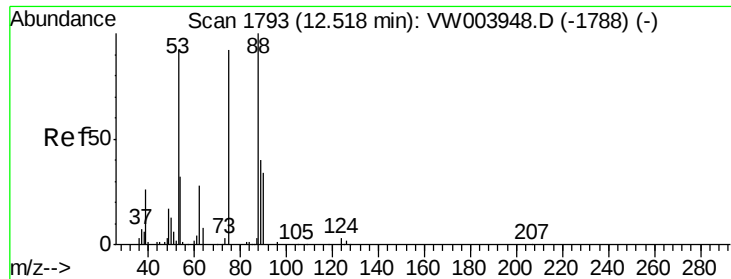
77 1.5 0.0 0.0#



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: 123.116 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW003990.D

Acq: 17 Jul 2018 17:28

Instrument :

MSVOA_W

ClientSampleId :

AU-05-071318-C

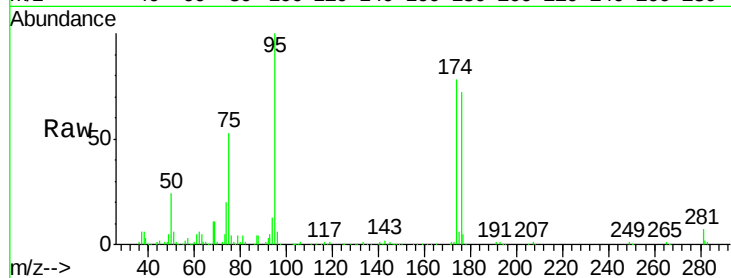
Tot Ion: 75 Resp: 46186

Ion Ratio Lower Upper

75 100

53 0.3 77.6 116.4#

89 0.0 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

