

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004002.D
 Acq On : 18 Jul 2018 00:25
 Operator : VA/AP
 Sample : VW0717SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBL02

Quant Time: Jul 18 01:19:21 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	191096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	340607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149495	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	127066	59.49	ug/l	0.00
Spiked Amount			Recovery	=	118.98%	
35) Dibromofluoromethane	7.88	113	109347	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
50) Toluene-d8	10.33	98	397490	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
62) 4-Bromofluorobenzene	12.63	95	128473	42.01	ug/l	0.00
Spiked Amount			Recovery	=	84.02%	

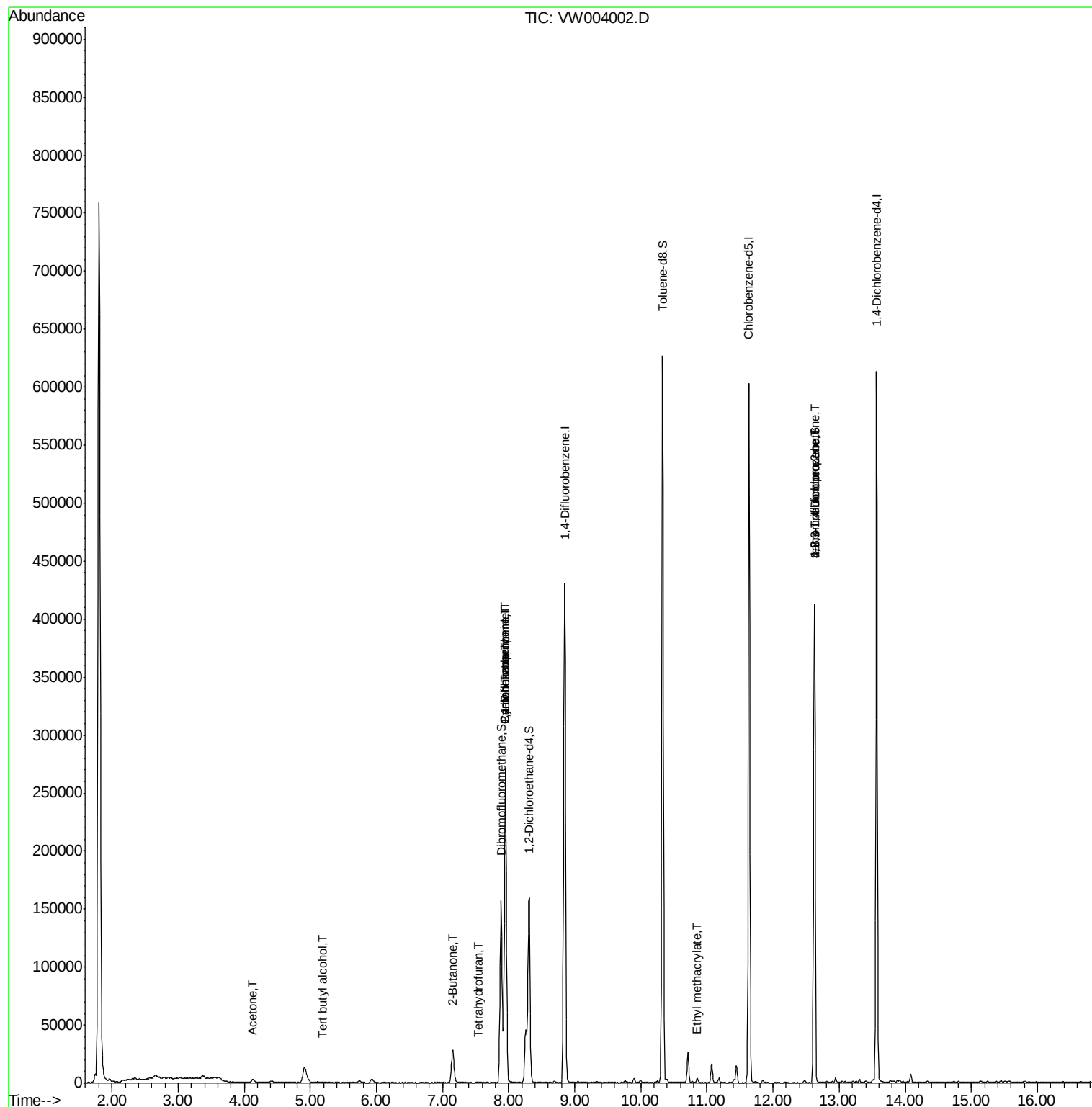
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.19	59	320	2.170	ug/l #	72
16) Acetone	4.12	43	4615	8.991	ug/l	96
20) Methylene Chloride	4.92	84	11335	Below Cal		98
25) 2-Butanone	7.15	43	1788	2.588	ug/l	91
29) Tetrahydrofuran	7.54	42	470	1.092	ug/l #	89
31) Cyclohexane	7.95	56	5257	1.484	ug/l #	24
36) 1,1-Dichloropropene	7.95	75	16343	4.664	ug/l #	50
38) Carbon Tetrachloride	7.95	117	19346	5.908	ug/l #	18
56) Ethyl methacrylate	10.86	69	217	3.025	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	68984	46.481	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68984	102.814	ug/l #	11

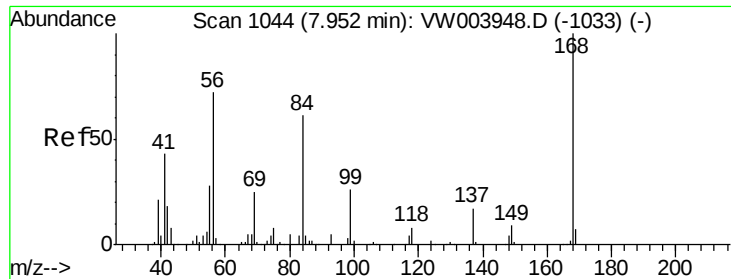
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW004002.D
Acq On : 18 Jul 2018 00:25
Operator : VA/AP
Sample : VW0717SBL02
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL02

Quant Time: Jul 18 01:19:21 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: VW004002.D

Acq: 18 Jul 2018 00:25

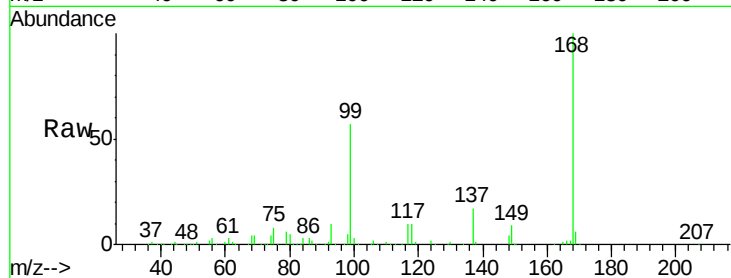
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL02

Tot Ion:168 Resp: 191096

Ion Ratio Lower Upper

168 100

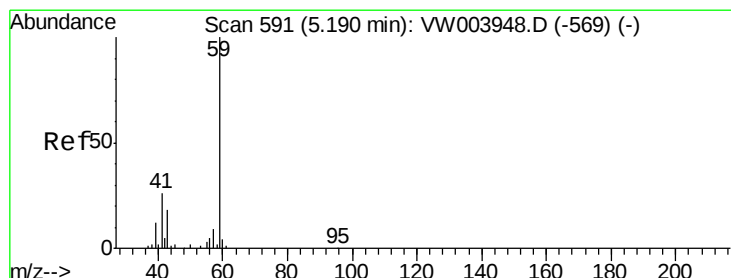
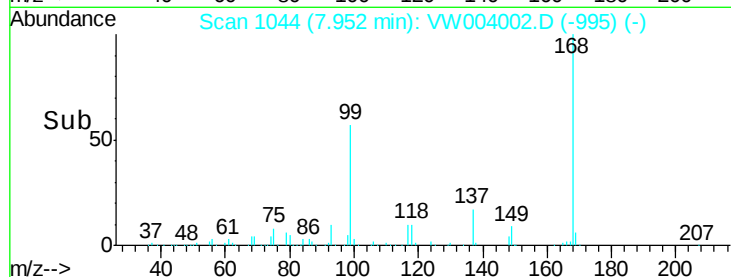
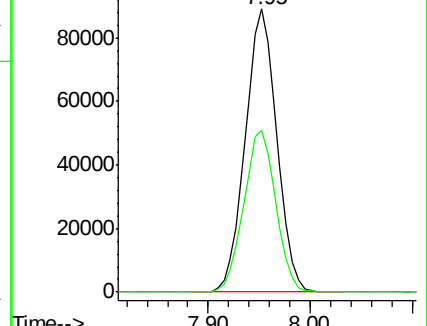
99 57.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#11

Tert butyl alcohol

Concen: 2.170 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.00 min

Lab File: VW004002.D

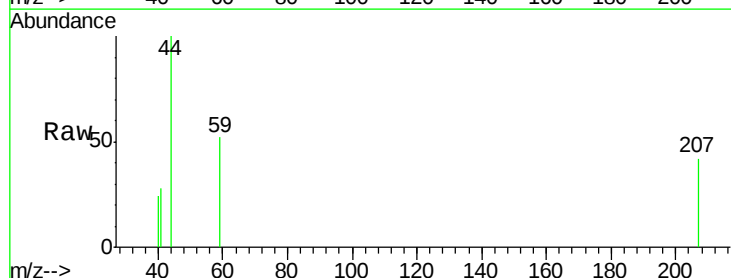
Acq: 18 Jul 2018 00:25

Tgt Ion: 59 Resp: 320

Ion Ratio Lower Upper

59 100

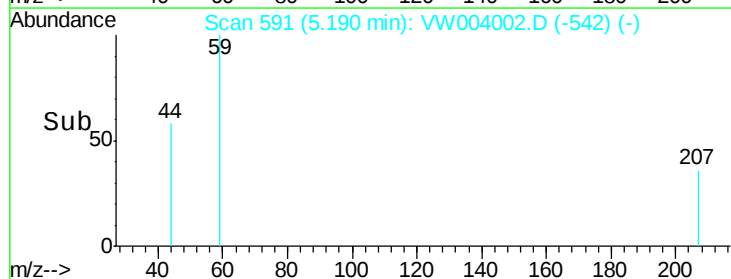
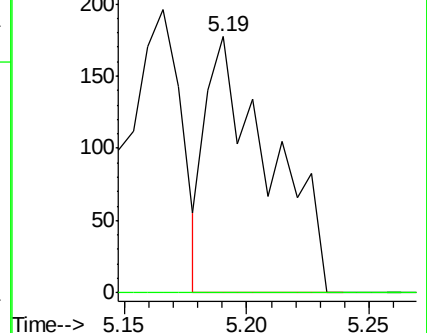
57 0.0 8.5 12.7#

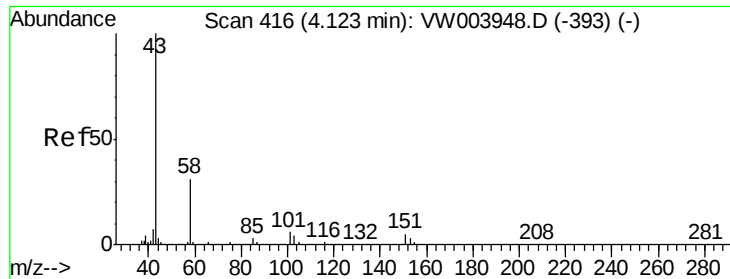


Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.19





#16

Acetone

Concen: 8.991 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004002.D

Acq: 18 Jul 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

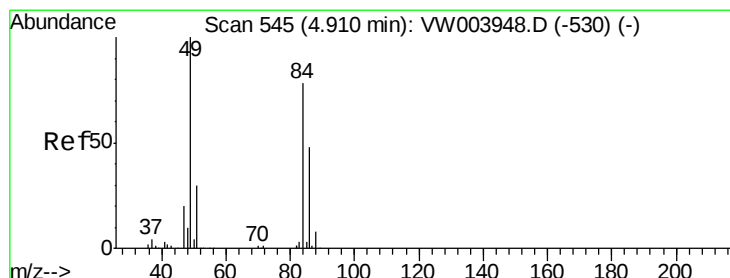
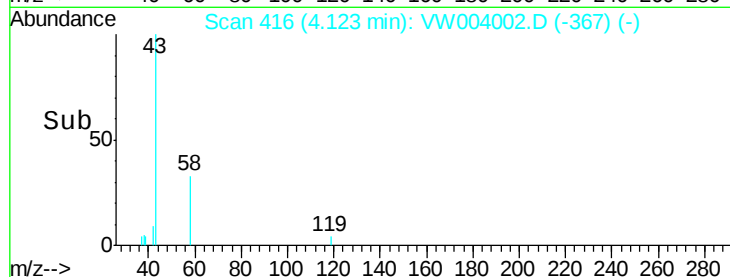
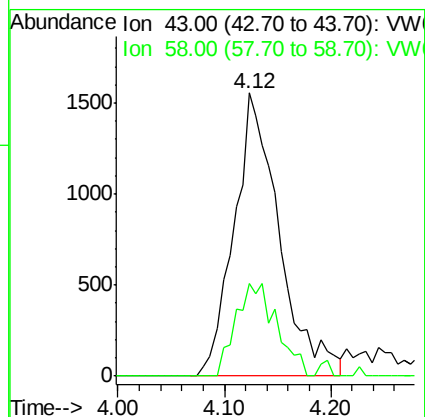
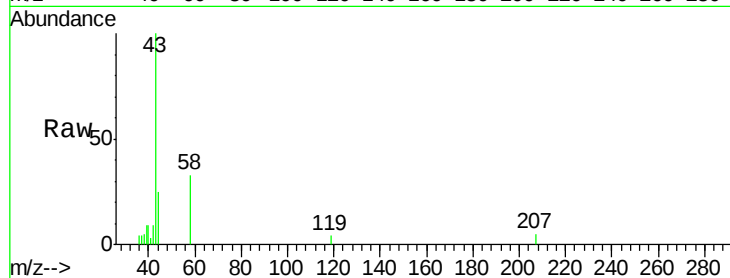
VW0717SBL02

Tot Ion: 43 Resp: 4615

Ion Ratio Lower Upper

43 100

58 32.9 24.5 36.7



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004002.D

Acq: 18 Jul 2018 00:25

Tgt Ion: 84 Resp: 11335

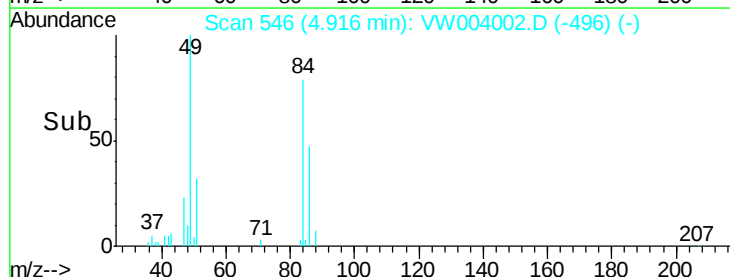
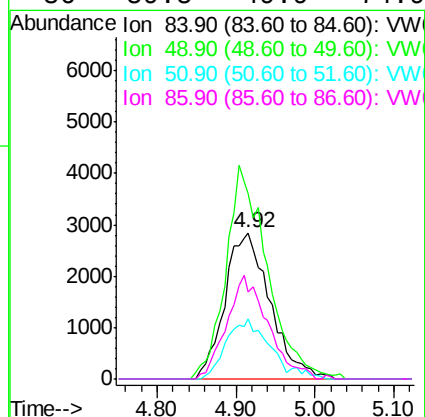
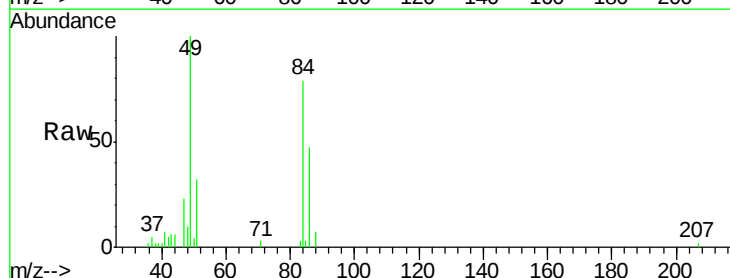
Ion Ratio Lower Upper

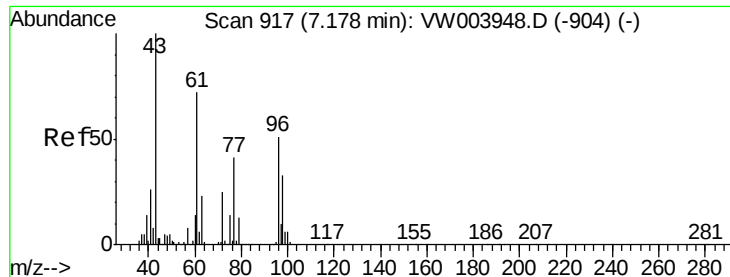
84 100

49 127.2 102.9 154.3

51 41.0 30.9 46.3

86 59.5 49.9 74.9

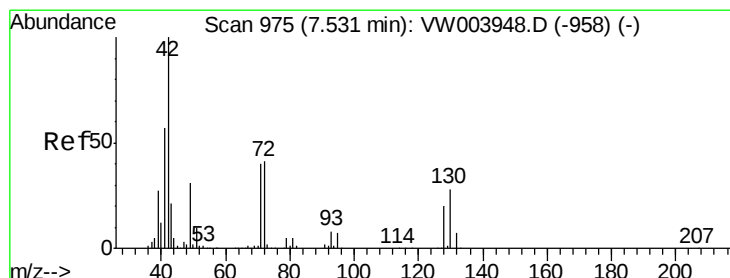
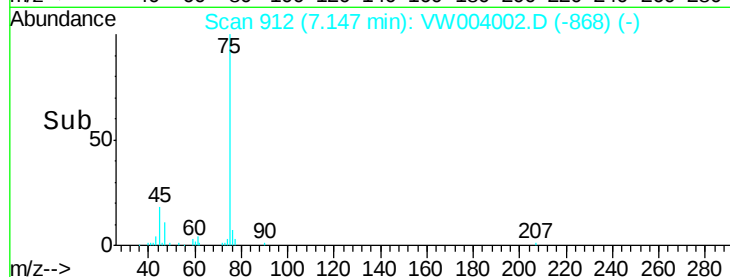
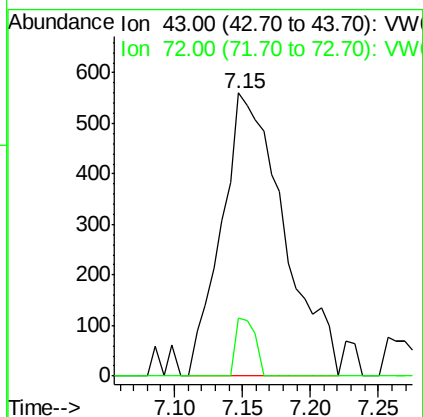
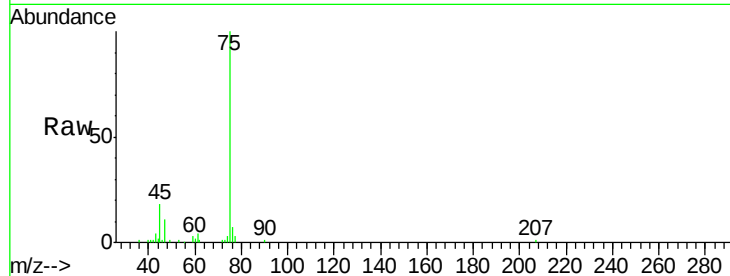




#25
 2-Butanone
 Concen: 2.588 ug/l
 RT: 7.15 min Scan# 912
 Delta R.T. -0.03 min
 Lab File: VW004002.D
 Acq: 18 Jul 2018 00:25

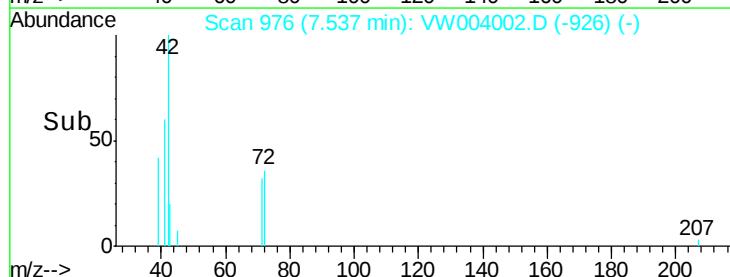
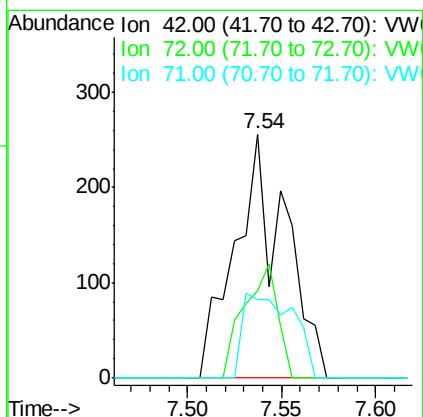
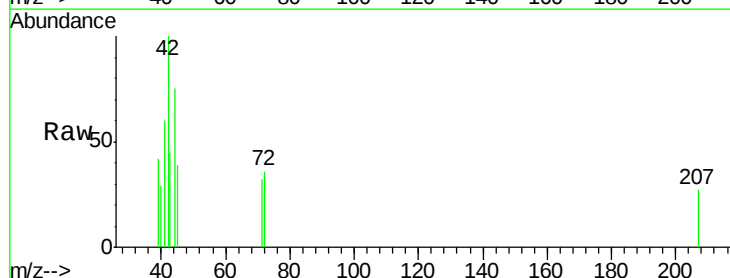
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBL02

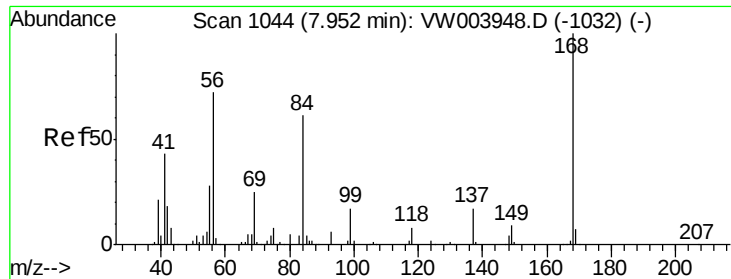
Tot Ion: 43 Resp: 1788
 Ion Ratio Lower Upper
 43 100
 72 20.4 19.8 29.6



#29
 Tetrahydrofuran
 Concen: 1.092 ug/l
 RT: 7.54 min Scan# 976
 Delta R.T. 0.01 min
 Lab File: VW004002.D
 Acq: 18 Jul 2018 00:25

Tgt Ion: 42 Resp: 470
 Ion Ratio Lower Upper
 42 100
 72 31.3 32.6 48.8#
 71 34.7 30.5 45.7

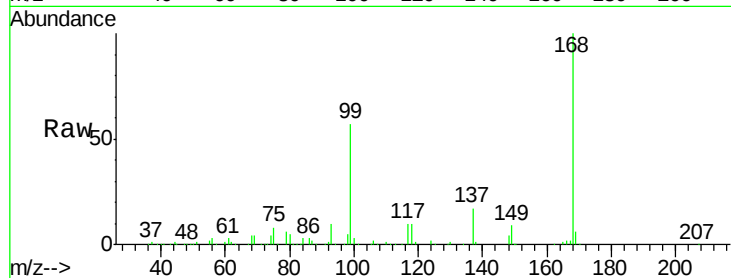




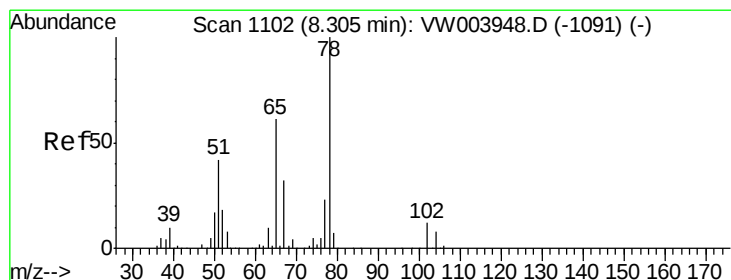
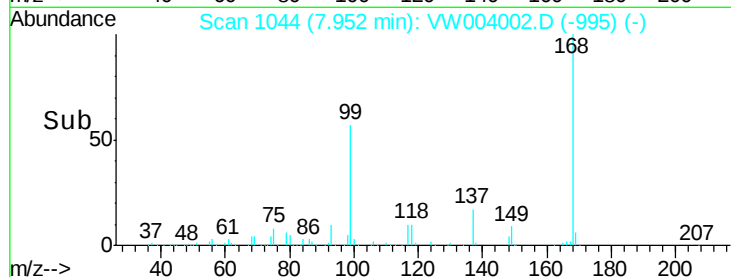
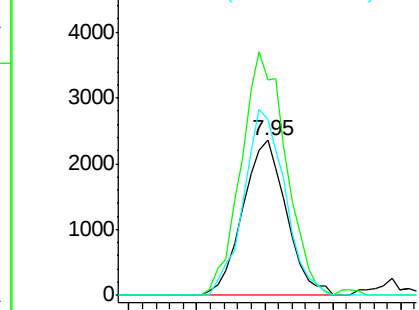
#31
Cyclohexane
Concen: 1.484 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004002.D
Acq: 18 Jul 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL02

Tot Ion: 56 Resp: 5257
Ion Ratio Lower Upper
56 100
69 138.9 27.8 41.8#
84 113.6 67.2 100.8#

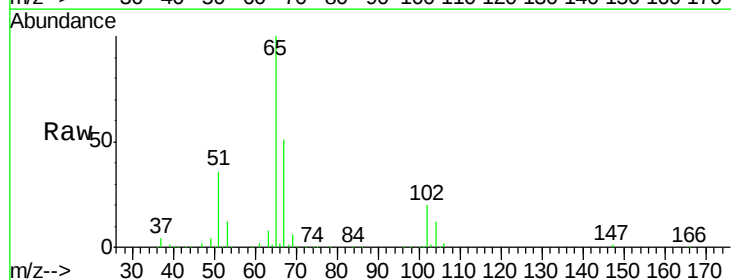


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

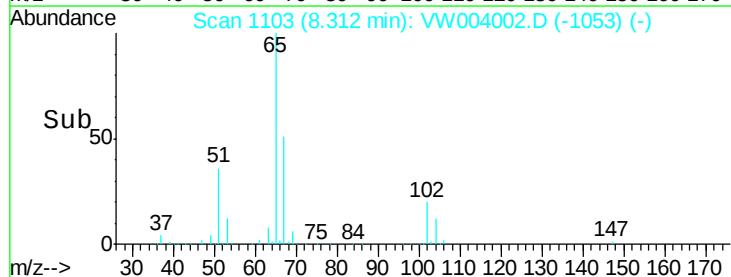
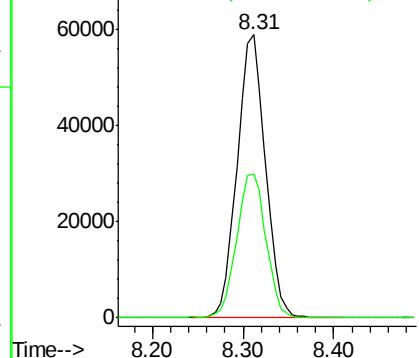


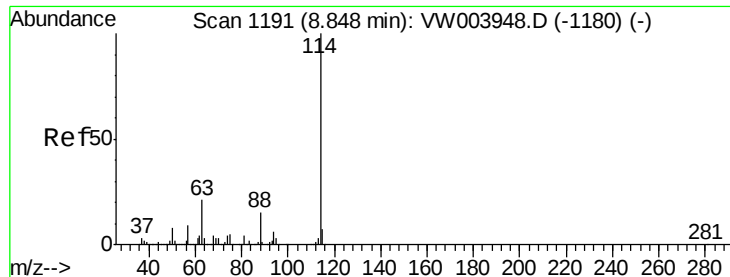
#33
1,2-Dichloroethane-d4
Concen: 59.486 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VW004002.D
Acq: 18 Jul 2018 00:25

Tgt Ion: 65 Resp: 127066
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.0



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

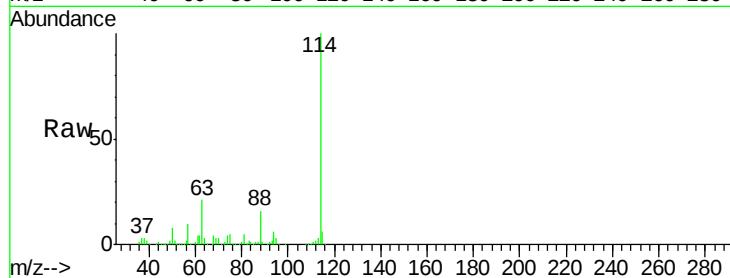




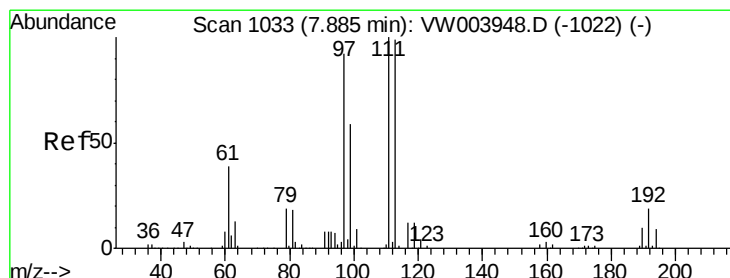
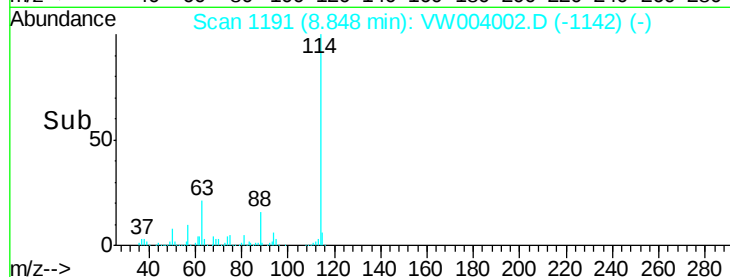
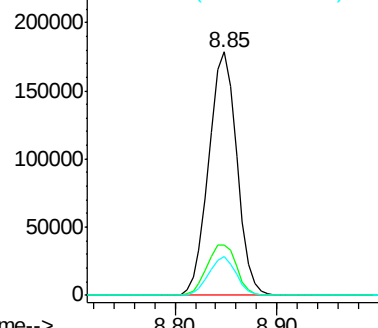
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. 0.00 min
Lab File: VW004002.D
Acq: 18 Jul 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL02

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.8
88	15.7	0.0	30.4

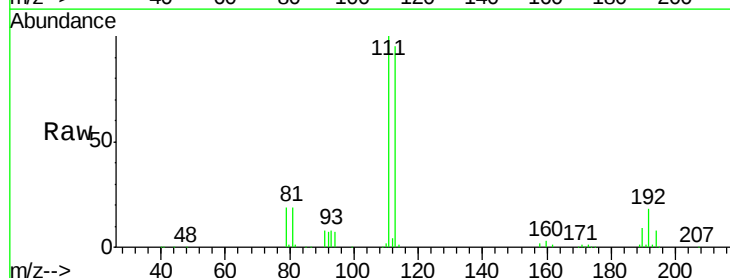


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

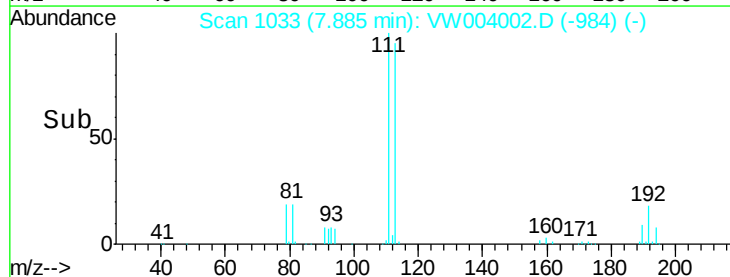
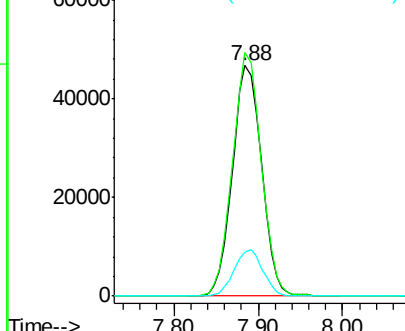


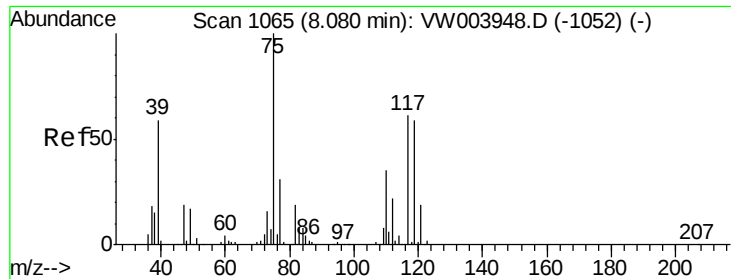
#35
Dibromofluoromethane
Concen: 50.035 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VW004002.D
Acq: 18 Jul 2018 00:25

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.3	121.9
192	19.6	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

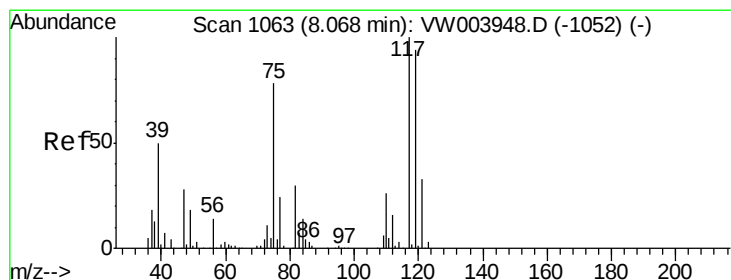
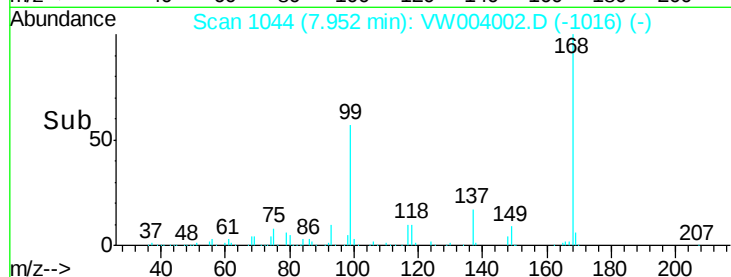
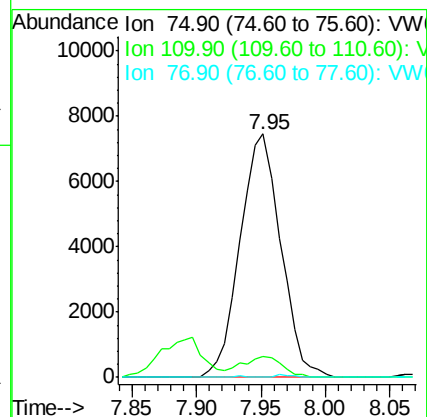
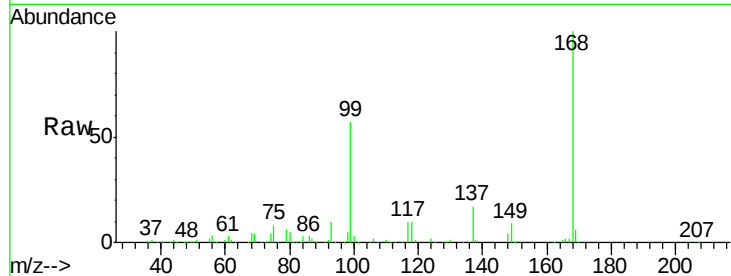




#36
 1,1-Dichloropropene
 Concen: 4.664 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004002.D
 Acq: 18 Jul 2018 00:25

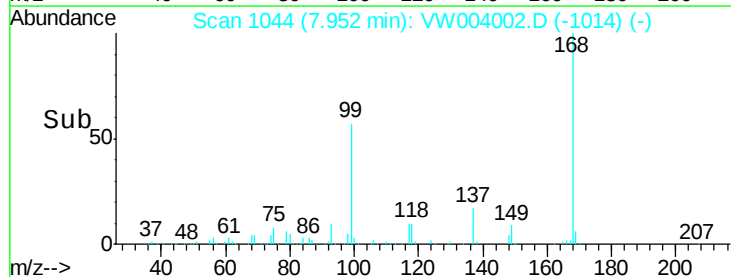
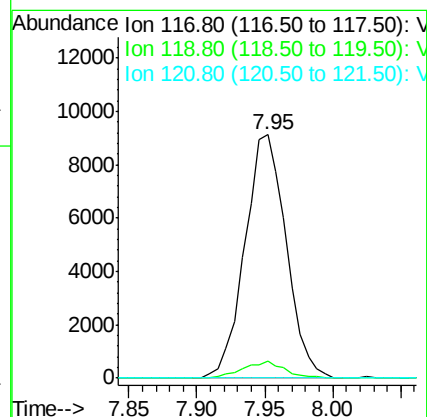
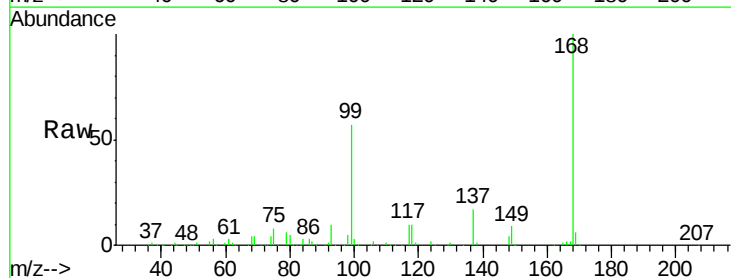
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBL02

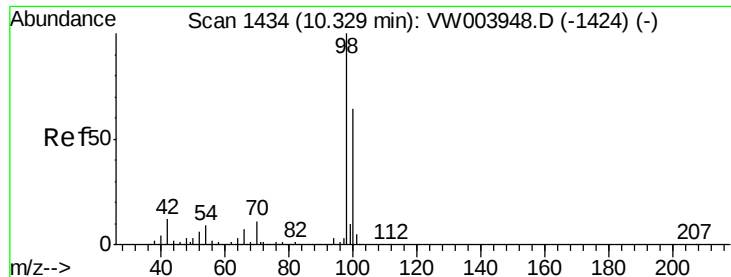
Tot Ion	75	Resp	16343
Ion Ratio	Lower	Upper	
75	100		
110	8.6	17.0	51.0#
77	0.5	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.908 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004002.D
 Acq: 18 Jul 2018 00:25

Tgt Ion	117	Resp	19346
Ion Ratio	Lower	Upper	
117	100		
119	7.0	75.3	112.9#
121	0.0	26.0	39.0#





#50

Toluene-d8

Concen: 46.874 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004002.D

Acq: 18 Jul 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

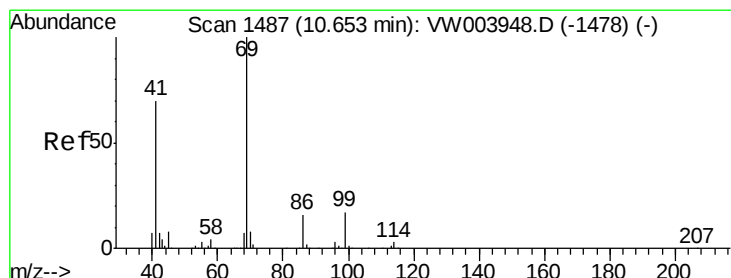
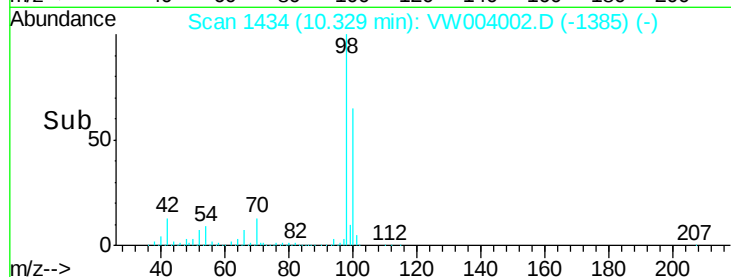
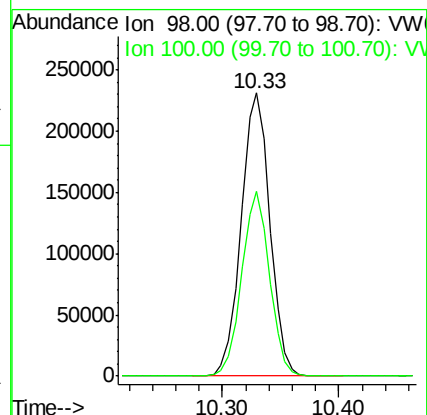
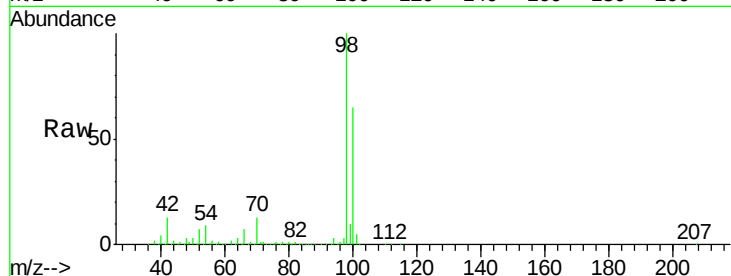
VW0717SBL02

Tot Ion: 98 Resp: 397490

Ion Ratio Lower Upper

98 100

100 63.1 51.2 76.8



#56

Ethyl methacrylate

Concen: 3.025 ug/l

RT: 10.86 min Scan# 1521

Delta R.T. 0.21 min

Lab File: VW004002.D

Acq: 18 Jul 2018 00:25

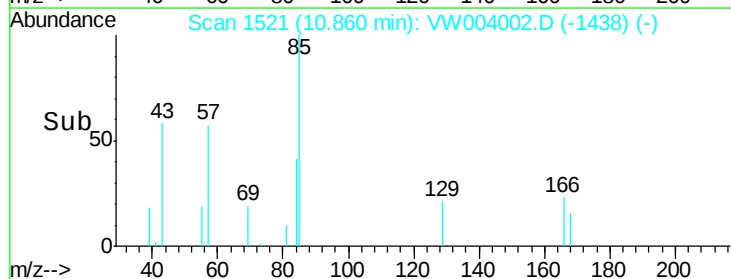
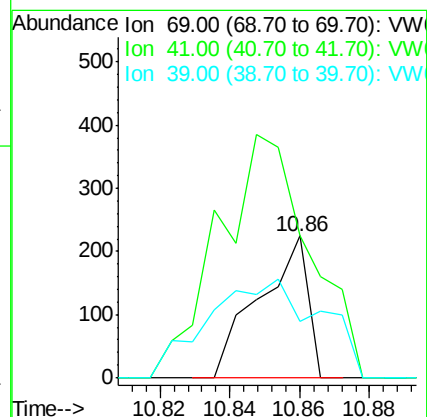
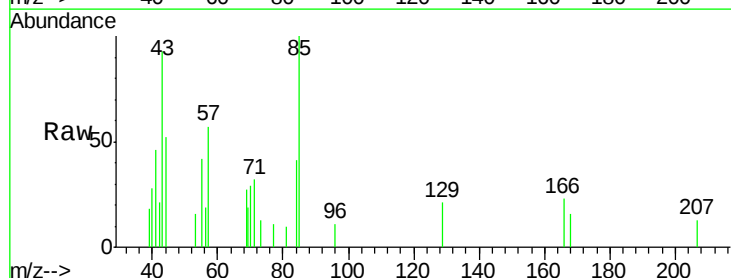
Tgt Ion: 69 Resp: 217

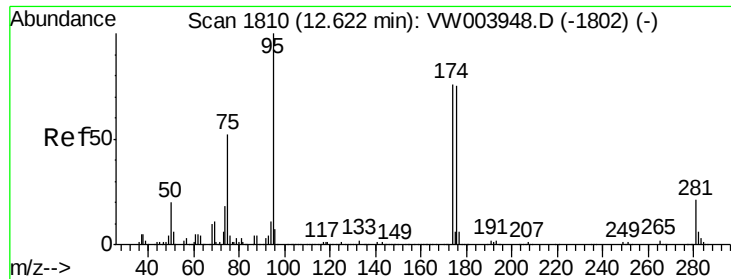
Ion Ratio Lower Upper

69 100

41 319.4 56.5 84.7#

39 158.5 30.2 45.4#





#62

4-Bromofluorobenzene

Concen: 42.014 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004002.D

Acq: 18 Jul 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBL02

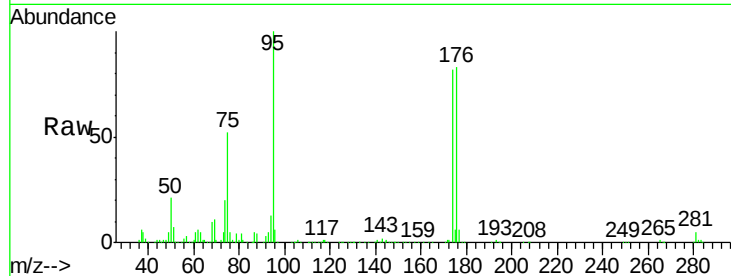
Tot Ion: 95 Resp: 128473

Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.2

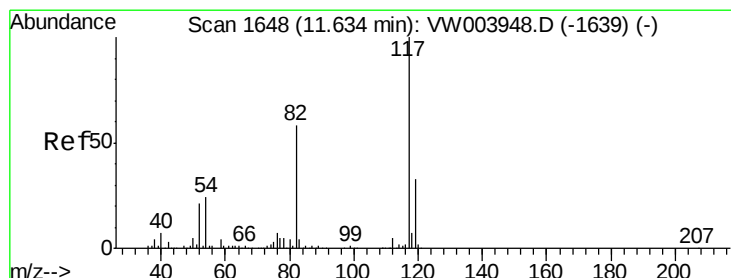
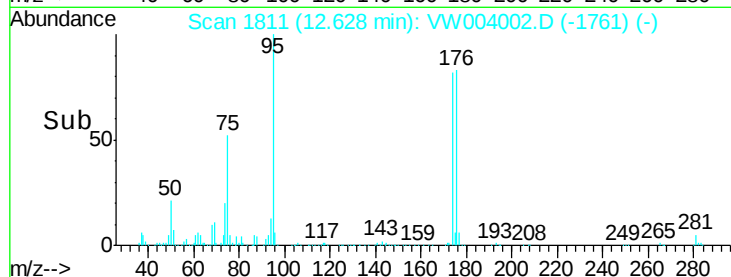
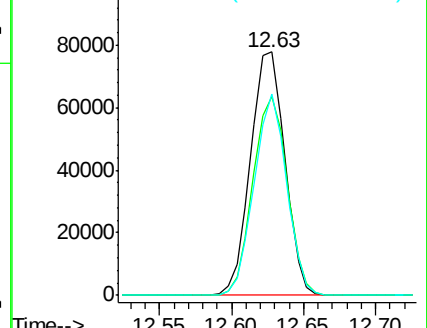
176 77.9 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. 0.00 min

Lab File: VW004002.D

Acq: 18 Jul 2018 00:25

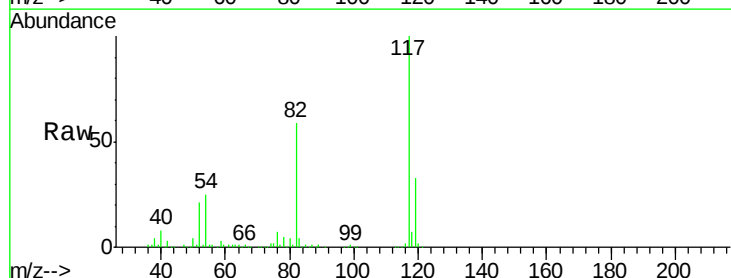
Tgt Ion: 117 Resp: 314254

Ion Ratio Lower Upper

117 100

82 58.8 46.5 69.7

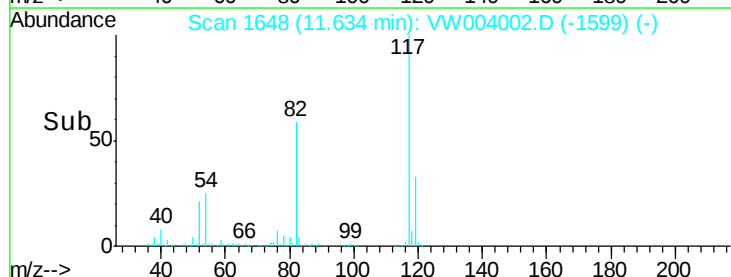
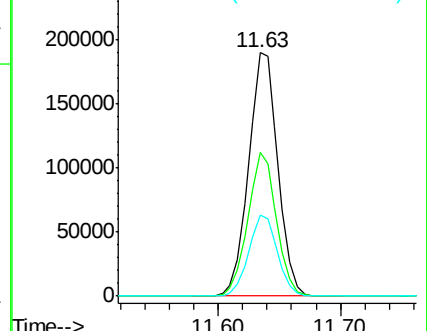
119 33.1 26.2 39.2

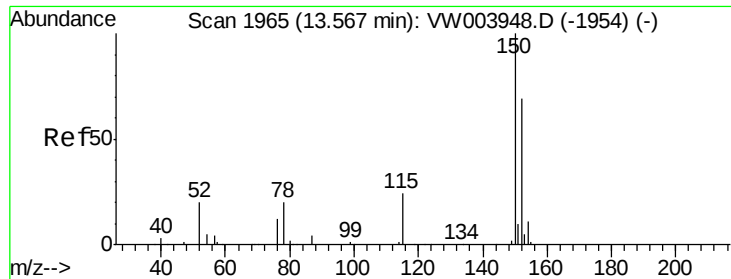


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



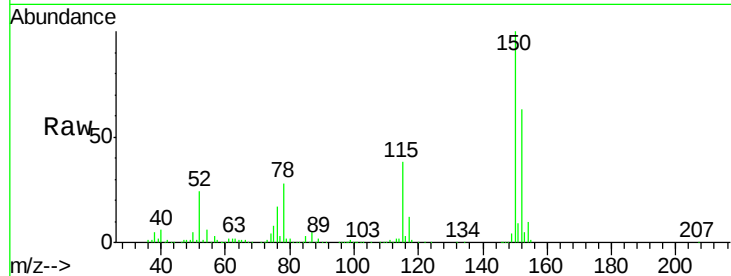


#72

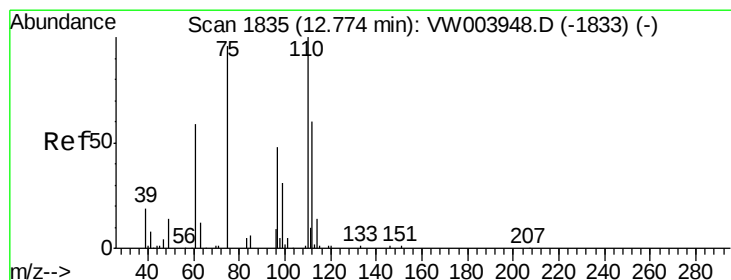
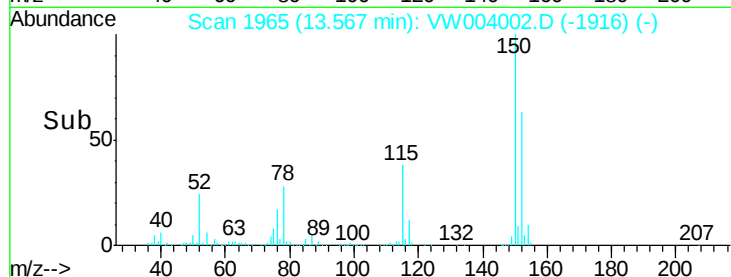
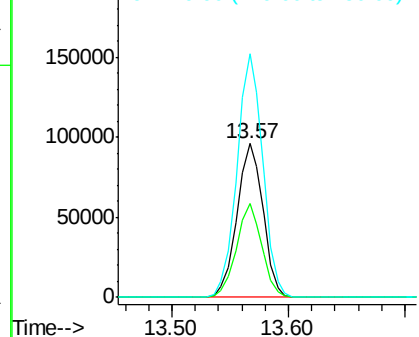
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004002.D
Acq: 18 Jul 2018 00:25

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL02

Tot Ion:152 Resp: 149495
Ion Ratio Lower Upper
152 100
115 58.9 29.2 87.6
150 156.9 0.0 345.2



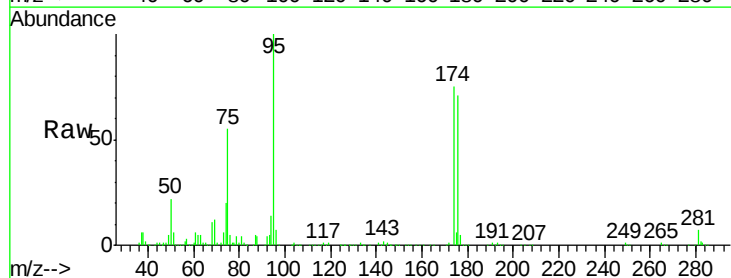
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



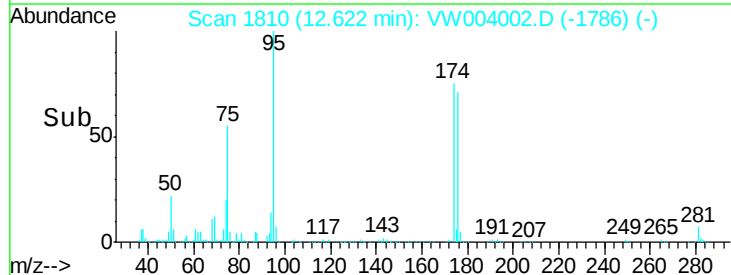
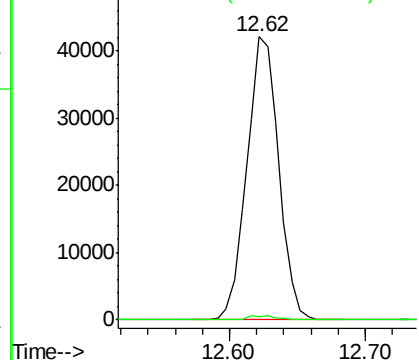
#76

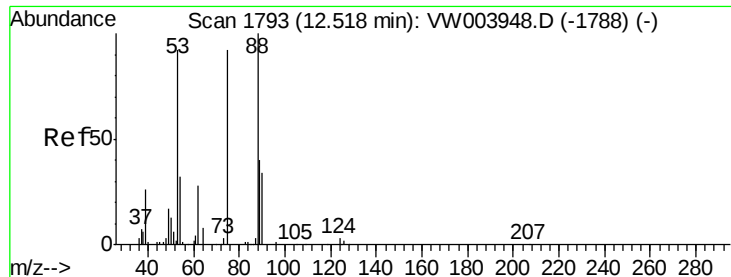
1,2,3-Trichloropropane
Concen: 46.481 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004002.D
Acq: 18 Jul 2018 00:25

Tgt Ion: 75 Resp: 68984
Ion Ratio Lower Upper
75 100
77 1.4 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: 102.814 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004002.D

Acq: 18 Jul 2018 00:25

Instrument :

MSVOA_W

ClientSampleId :

VW0717SBL02

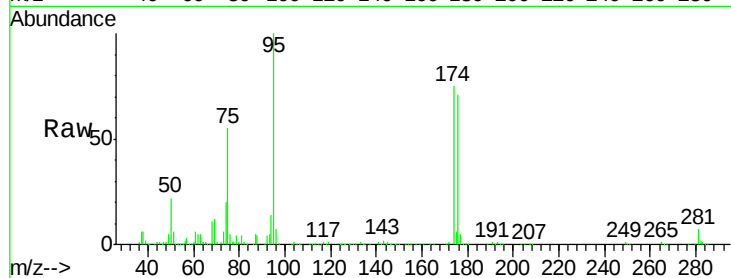
Tot Ion: 75 Resp: 68984

Ion Ratio Lower Upper

75 100

53 0.2 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

