

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003977.D
 Acq On : 17 Jul 2018 11:39
 Operator : VA/AP
 Sample : VW0717SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBL01

Quant Time: Jul 17 13:44:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 11:52:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177181	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	151390	57.39	ug/l	0.00
Spiked Amount			Recovery	=	114.78%	
35) Dibromofluoromethane	7.88	113	130420	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
50) Toluene-d8	10.33	98	491149	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.63	95	164926	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	

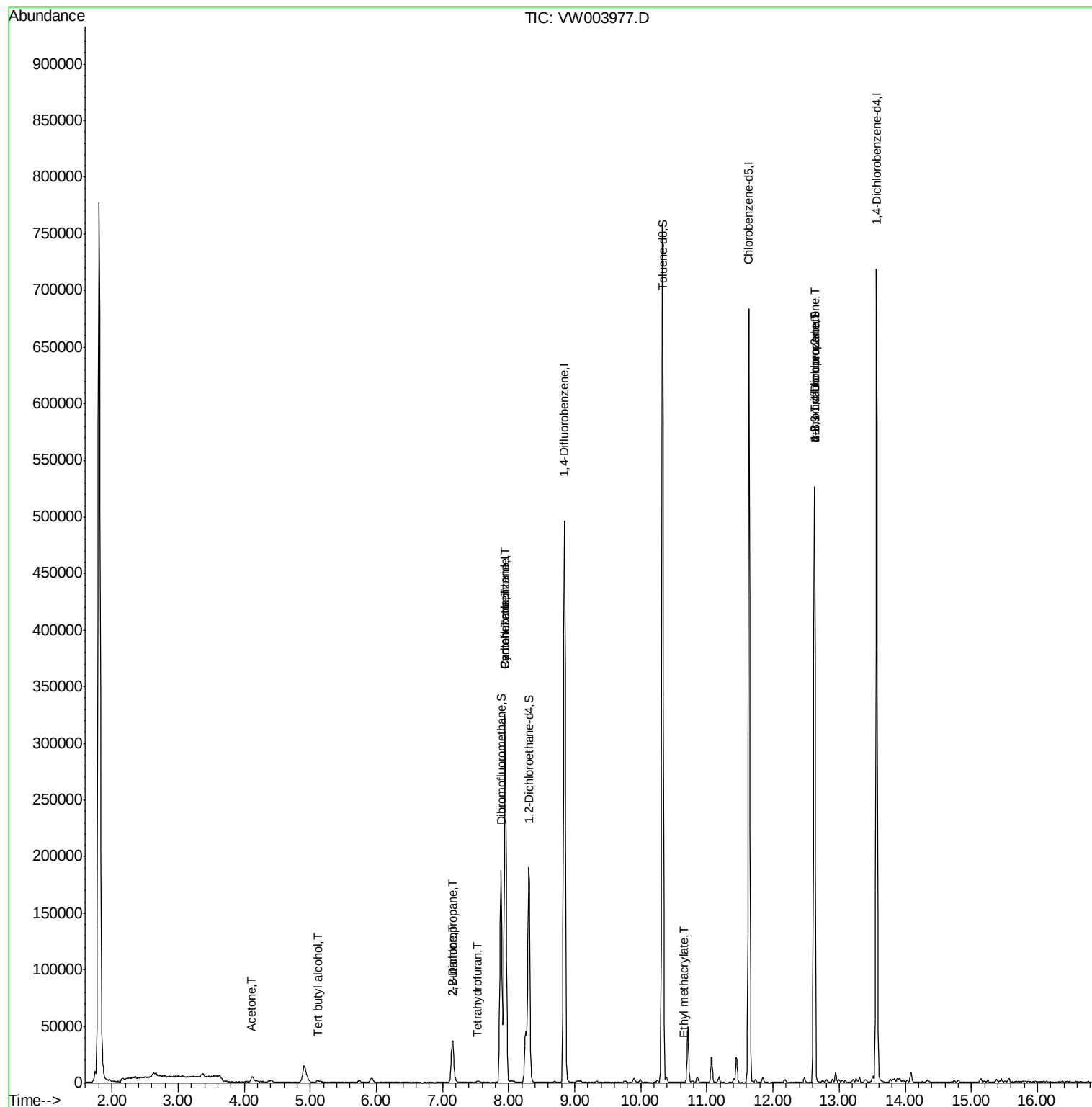
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	1195	6.56	ug/l #	72
16) Acetone	4.12	43	10809	17.05	ug/l	97
20) Methylene Chloride	4.90	84	12542	Below Cal		95
25) 2-Butanone	7.15	43	2278	2.67	ug/l #	82
26) 2,2-Dichloropropane	7.15	77	2799	1.04	ug/l #	52
29) Tetrahydrofuran	7.53	42	871	1.64	ug/l #	79
31) Cyclohexane	7.95	56	5813	1.33	ug/l #	1
38) Carbon Tetrachloride	7.95	117	23220	6.14	ug/l #	18
56) Ethyl methacrylate	10.66	69	66	2.97	ug/l #	22
76) 1,2,3-Trichloropropane	12.62	75	87068	49.50	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	87068	109.49	ug/l #	11

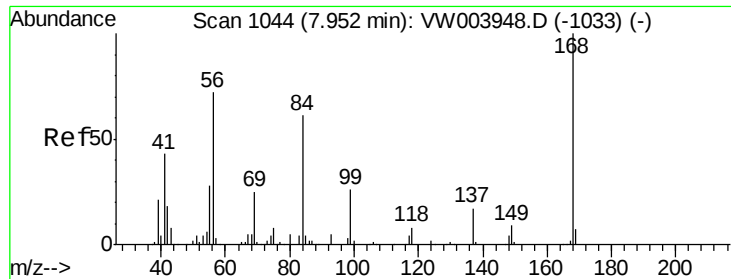
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW003977.D
Acq On : 17 Jul 2018 11:39
Operator : VA/AP
Sample : VW0717SBL01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL01

Quant Time: Jul 17 13:44:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 17 11:52:50 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW003977.D

Acq: 17 Jul 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

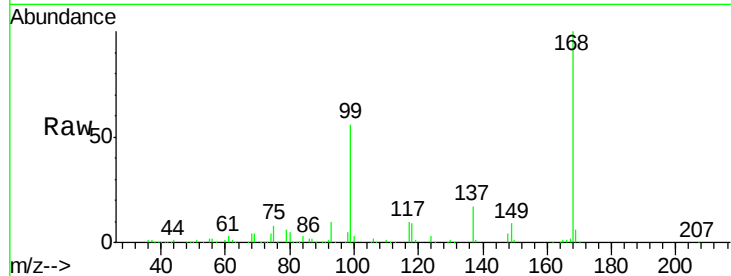
VW0717SBL01

Tot Ion:168 Resp: 236001

Ion Ratio Lower Upper

168 100

99 55.5 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

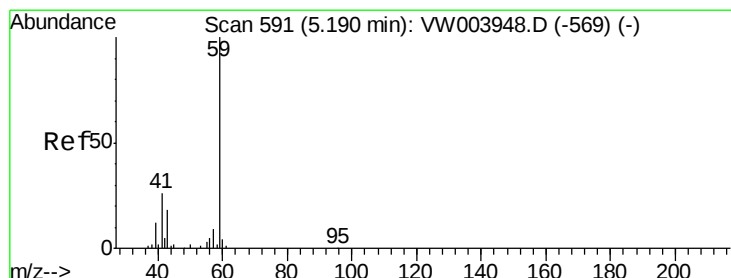
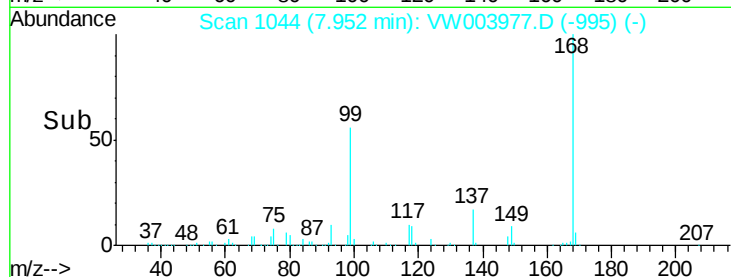
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 6.56 ug/l

RT: 5.12 min Scan# 579

Delta R.T. -0.07 min

Lab File: VW003977.D

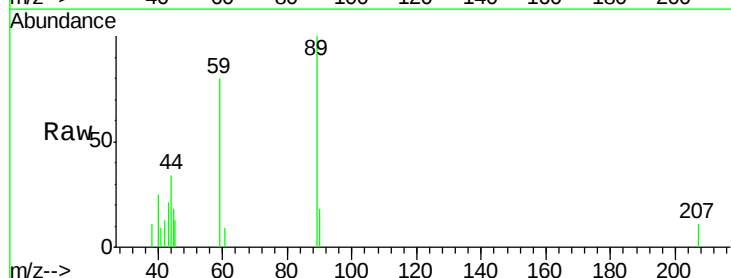
Acq: 17 Jul 2018 11:39

Tgt Ion: 59 Resp: 1195

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

5.12

500

400

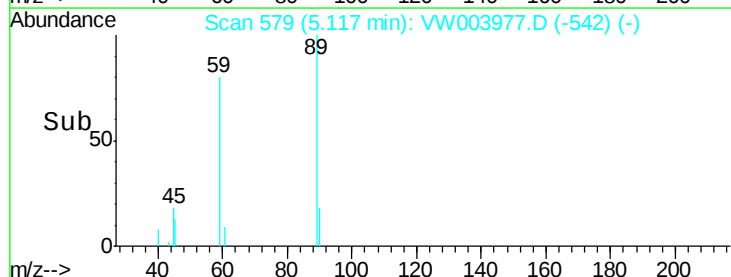
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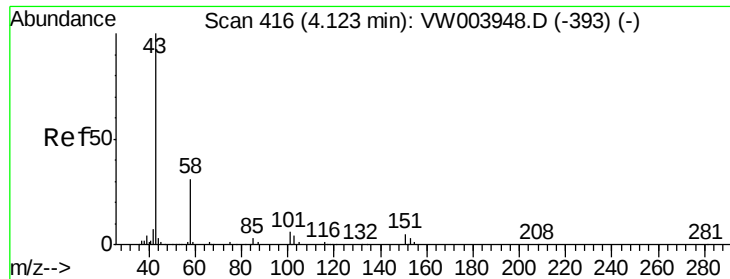
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100

0

Time-->

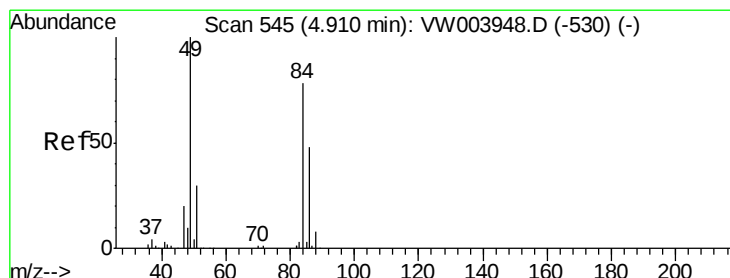
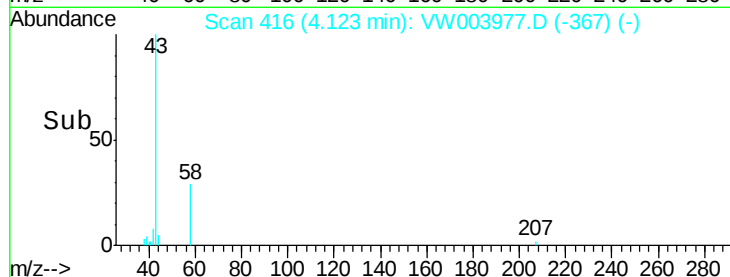
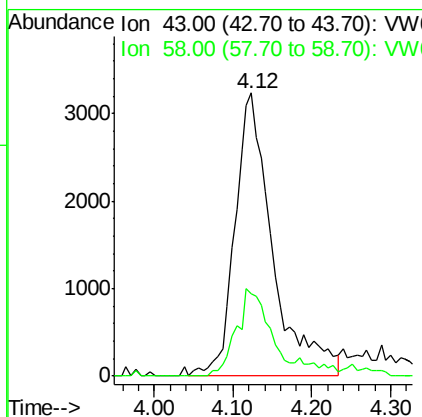
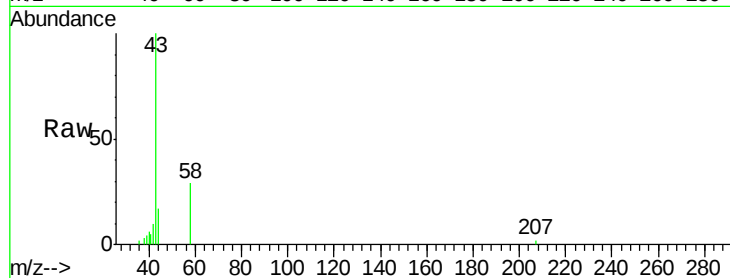




#16
Acetone
Concen: 17.05 ug/l
RT: 4.12 min Scan# 416
Delta R.T. -0.00 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

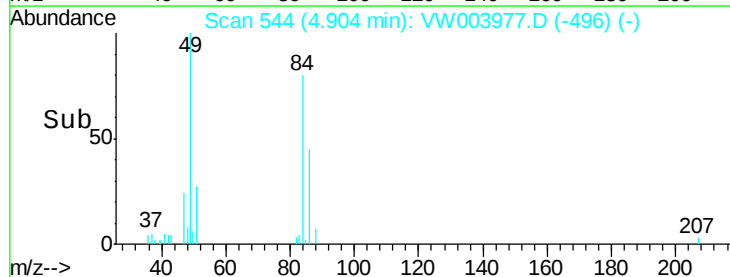
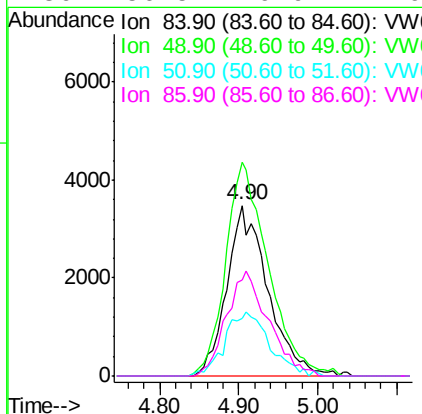
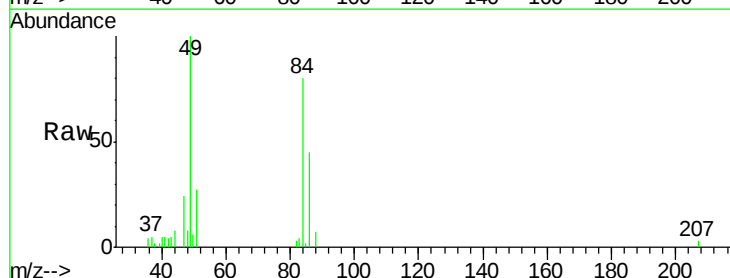
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL01

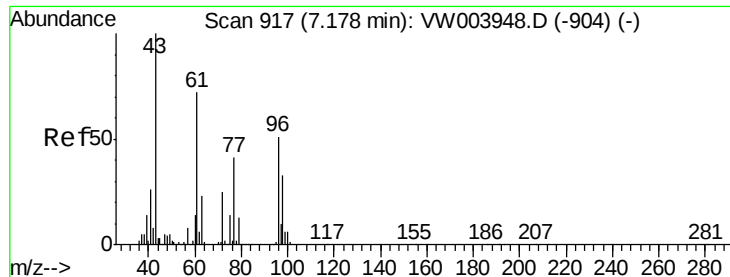
Tot Ion: 43 Resp: 10809
Ion Ratio Lower Upper
43 100
58 29.2 24.5 36.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

Tgt Ion: 84 Resp: 12542
Ion Ratio Lower Upper
84 100
49 125.2 102.9 154.3
51 33.7 30.9 46.3
86 56.5 49.9 74.9

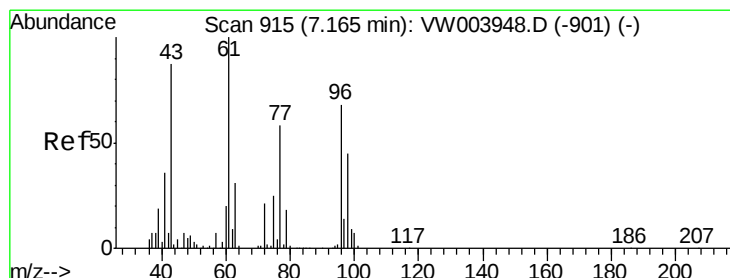
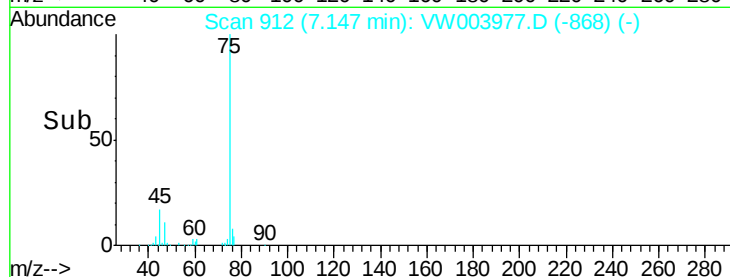
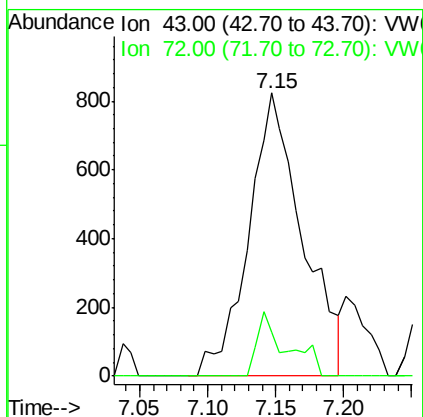
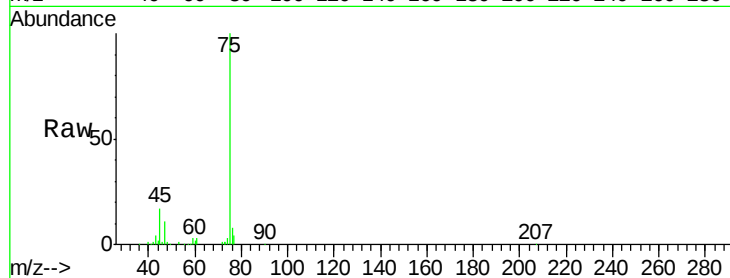




#25
2-Butanone
Concen: 2.67 ug/l
RT: 7.15 min Scan# 912
Delta R.T. -0.03 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

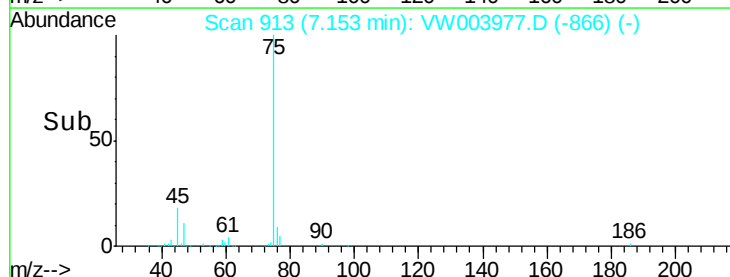
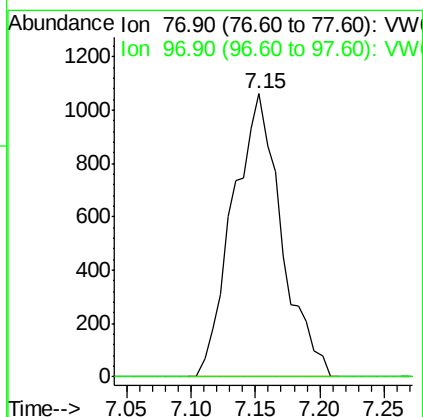
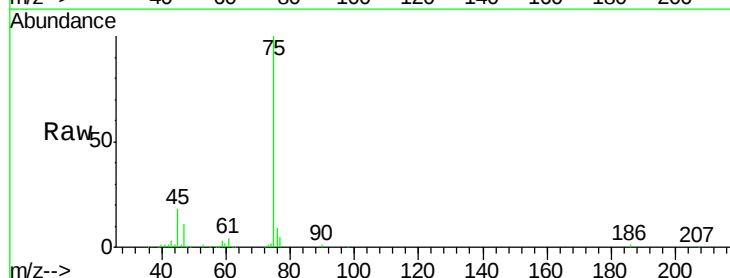
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL01

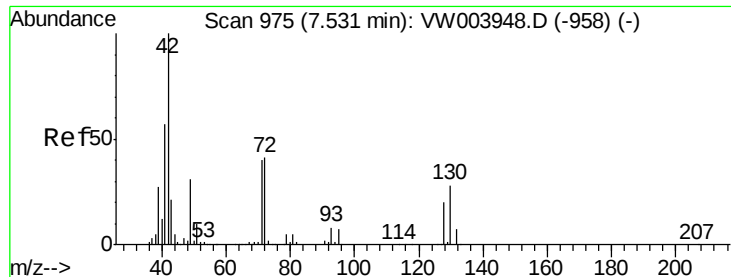
Tot Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
72 15.6 19.8 29.6#



#26
2,2-Dichloropropane
Concen: 1.04 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

Tgt Ion: 77 Resp: 2799
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3#

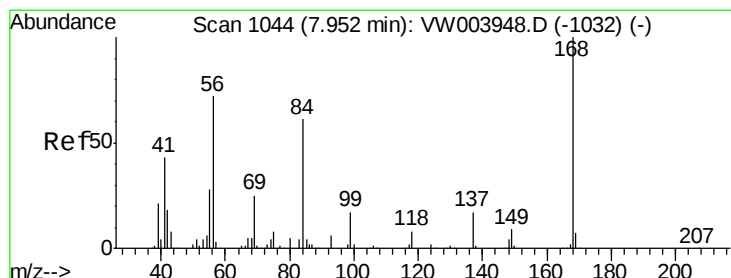
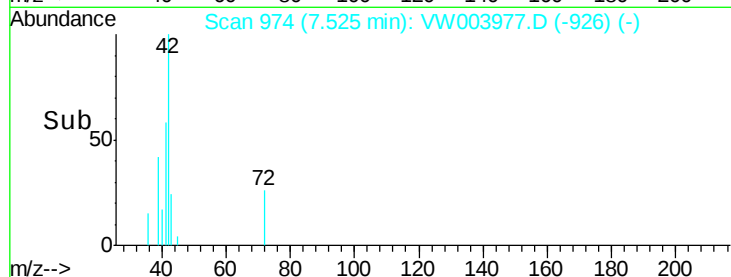
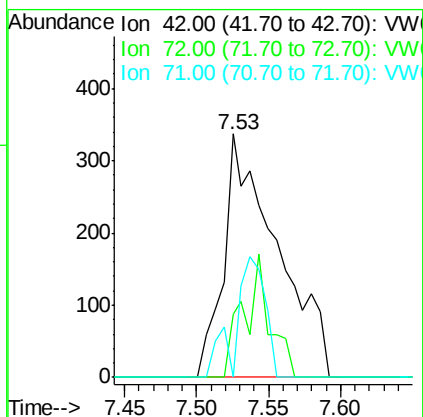
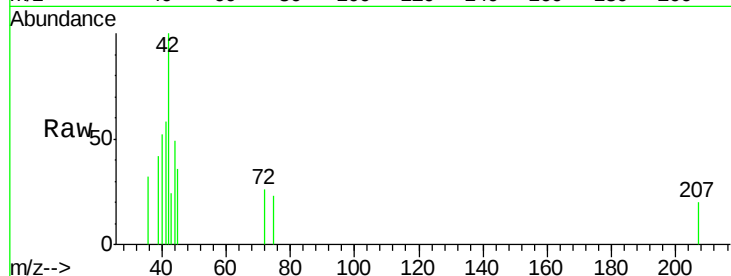




#29
Tetrahydrofuran
Concen: 1.64 ug/l
RT: 7.53 min Scan# 974
Delta R.T. -0.01 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

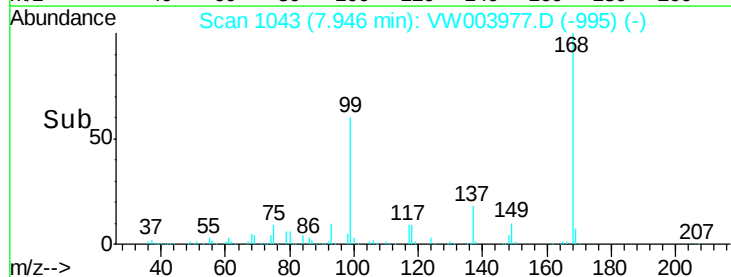
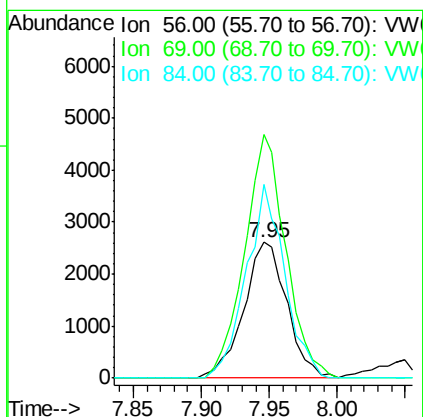
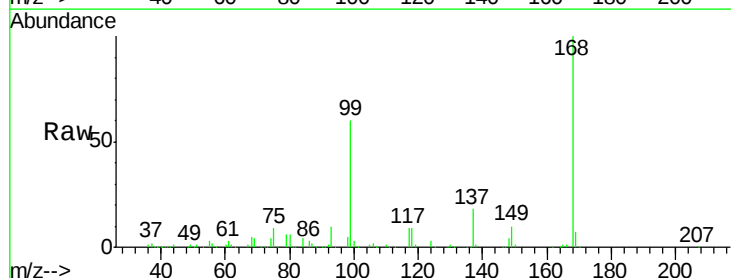
Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL01

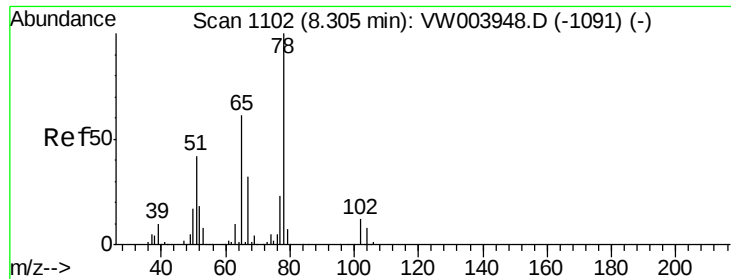
Tot Ion: 42 Resp: 871
Ion Ratio Lower Upper
42 100
72 25.0 32.6 48.8#
71 27.6 30.5 45.7#



#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

Tgt Ion: 56 Resp: 5813
Ion Ratio Lower Upper
56 100
69 179.0 27.8 41.8#
84 142.4 67.2 100.8#

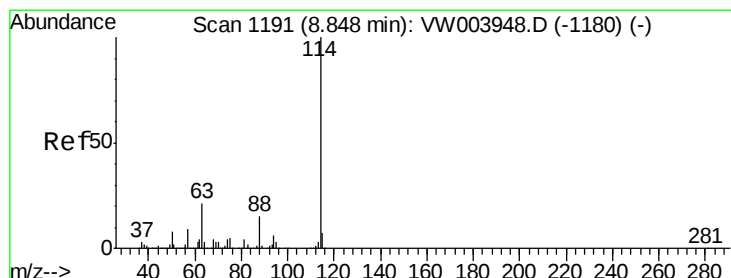
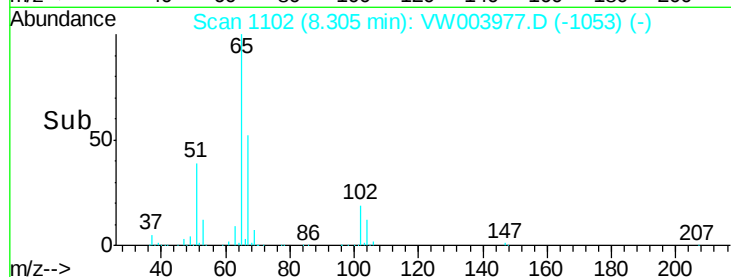
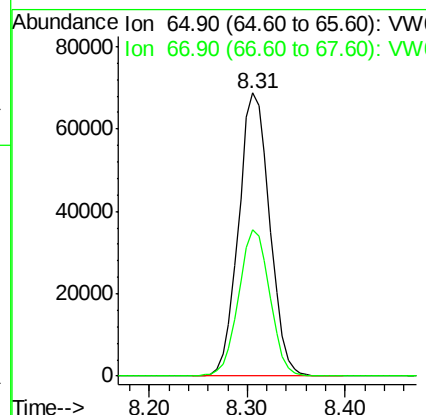
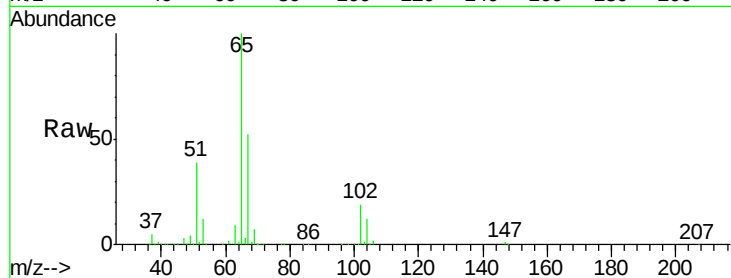




#33
 1,2-Dichloroethane-d4
 Concen: 57.39 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VW003977.D
 Acq: 17 Jul 2018 11:39

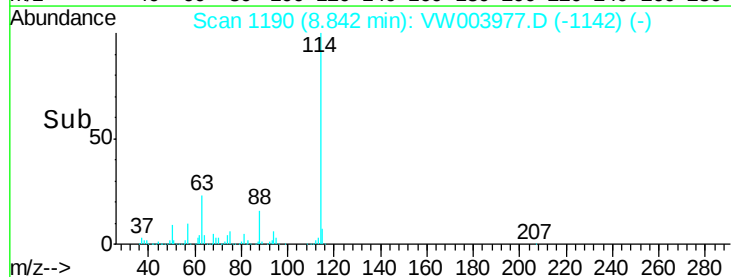
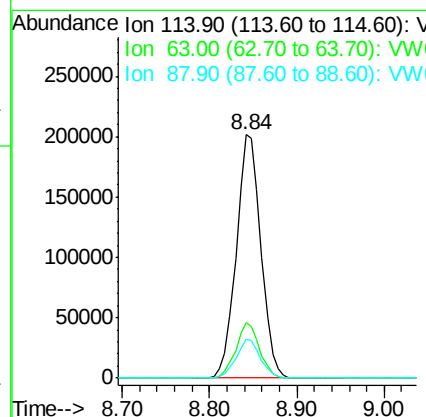
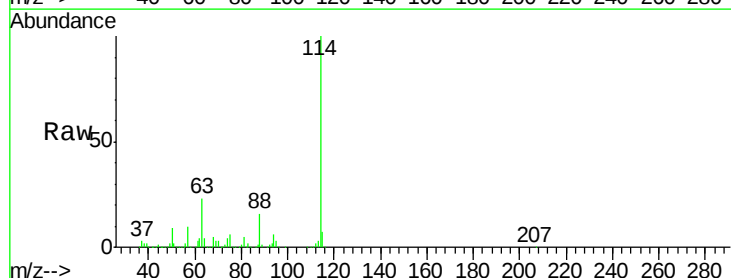
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBL01

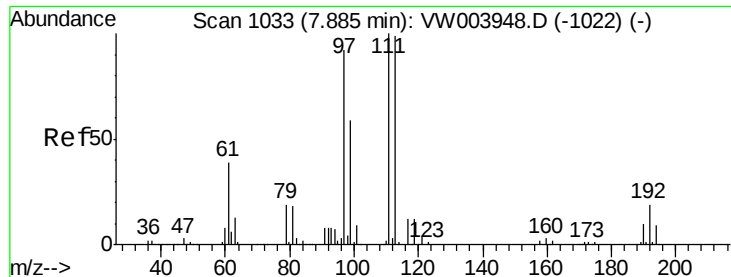
Tot Ion: 65 Resp: 151390
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003977.D
 Acq: 17 Jul 2018 11:39

Tgt Ion: 114 Resp: 393564
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 42.8
 88 15.9 0.0 30.4

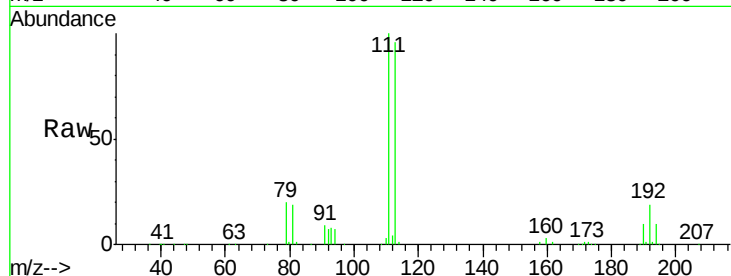




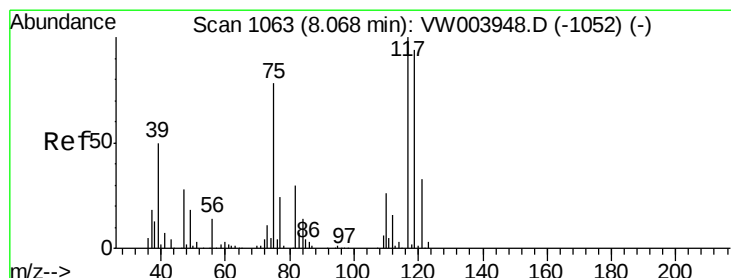
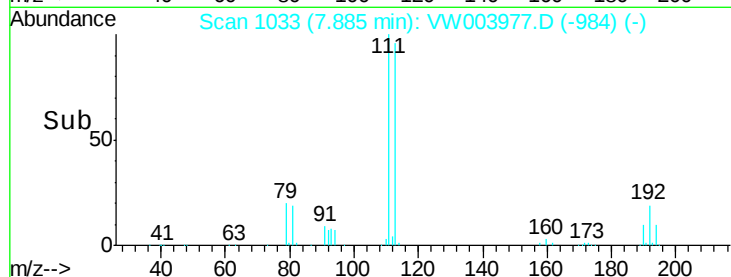
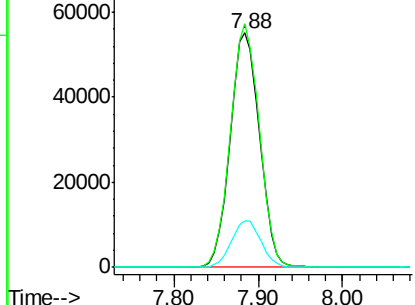
#35
Dibromofluoromethane
Concen: 51.65 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL01

Tot Ion:113 Resp: 130420
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.7 15.8 23.6

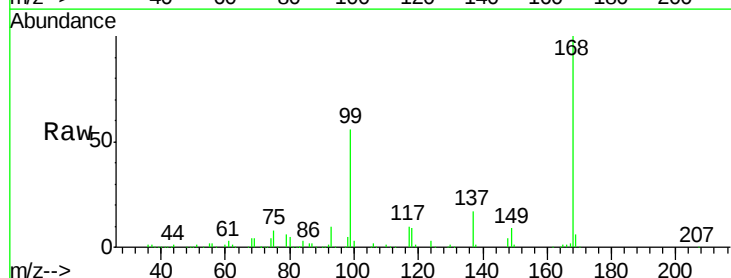


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

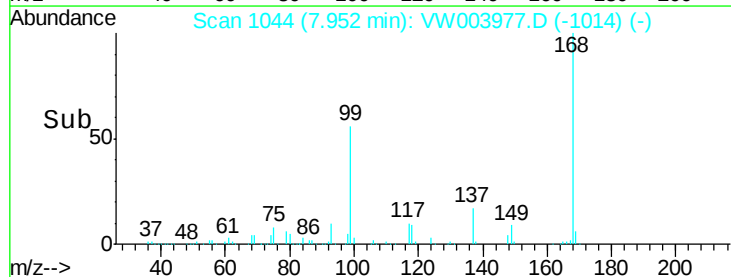
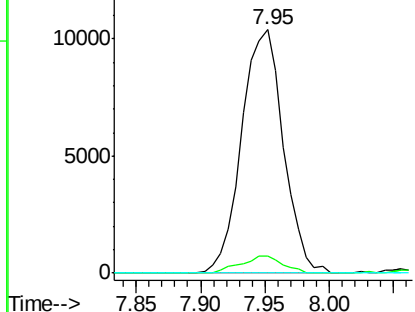


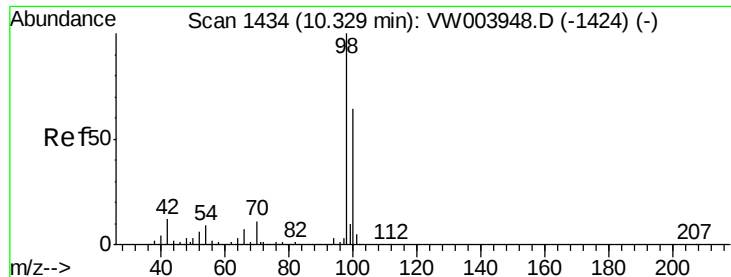
#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

Tgt Ion:117 Resp: 23220
Ion Ratio Lower Upper
117 100
119 6.9 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: 50.13 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003977.D

Acq: 17 Jul 2018 11:39

Instrument :

MSVOA_W

ClientSampleId :

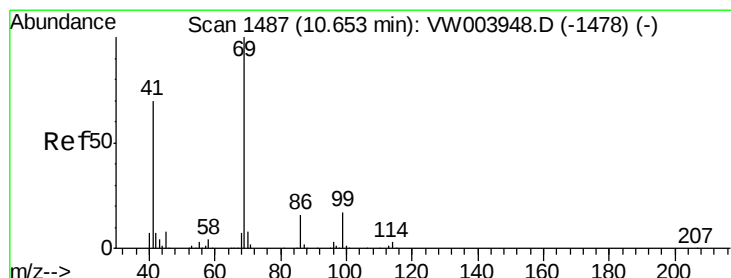
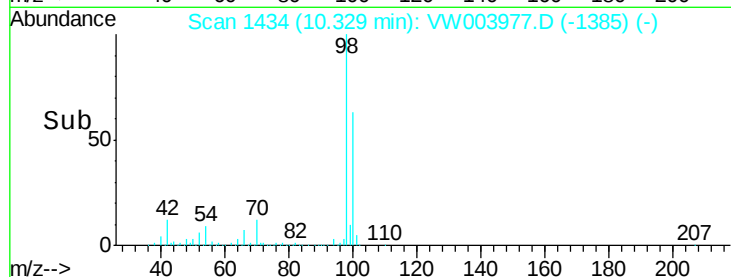
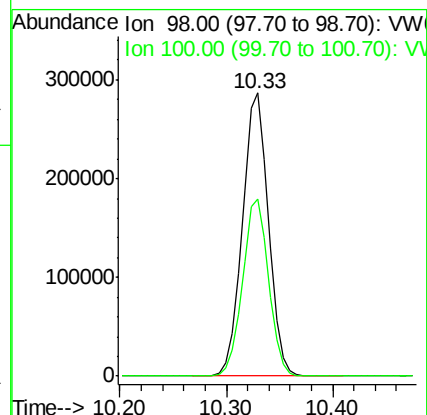
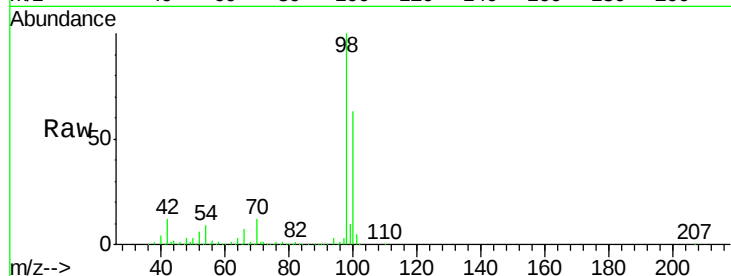
VW0717SBL01

Tot Ion: 98 Resp: 491149

Ion Ratio Lower Upper

98 100

100 62.6 51.2 76.8



#56

Ethyl methacrylate

Concen: 2.97 ug/l

RT: 10.66 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VW003977.D

Acq: 17 Jul 2018 11:39

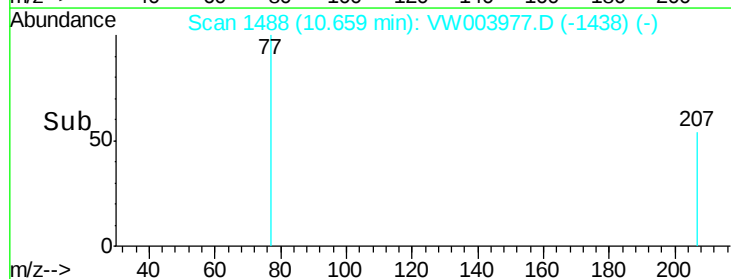
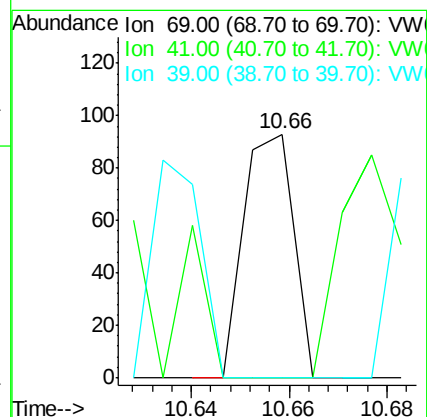
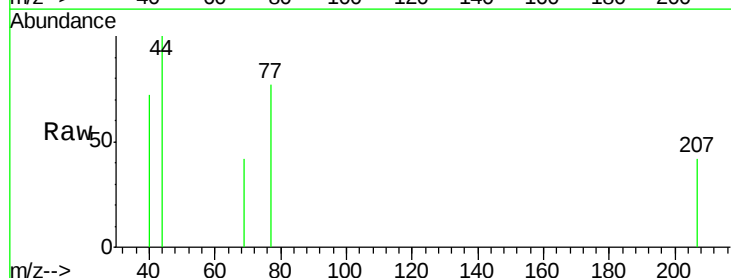
Tgt Ion: 69 Resp: 66

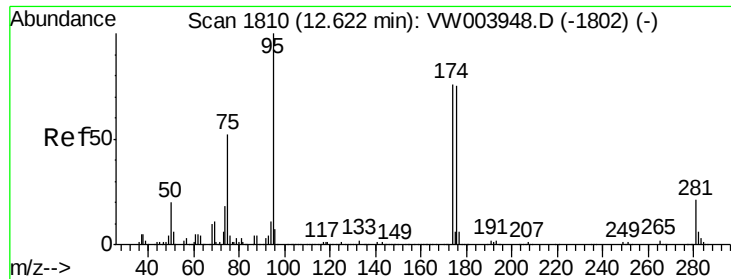
Ion Ratio Lower Upper

69 100

41 0.0 56.5 84.7#

39 0.0 30.2 45.4#

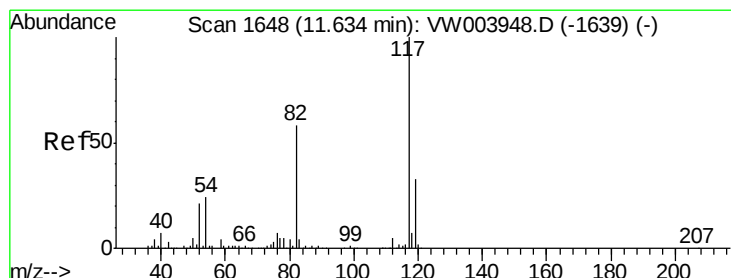
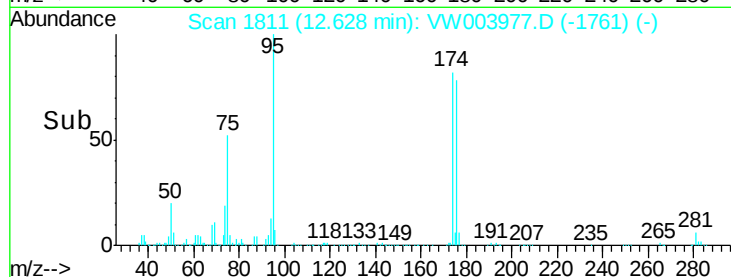
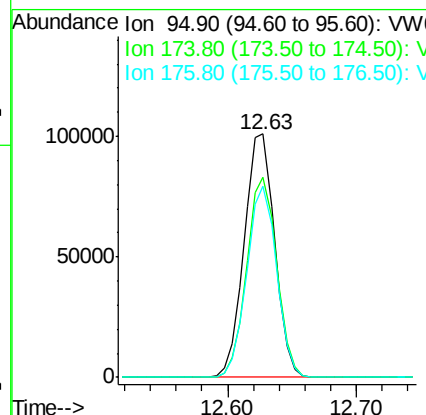
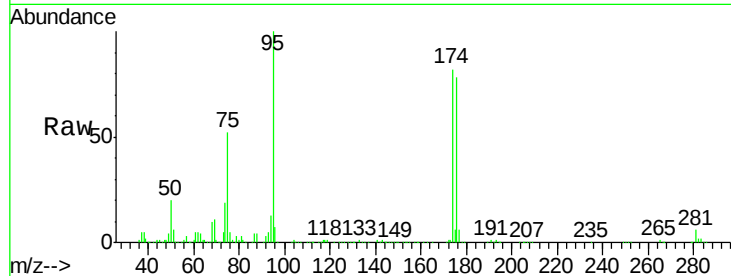




#62
 4-Bromofluorobenzene
 Concen: 46.68 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW003977.D
 Acq: 17 Jul 2018 11:39

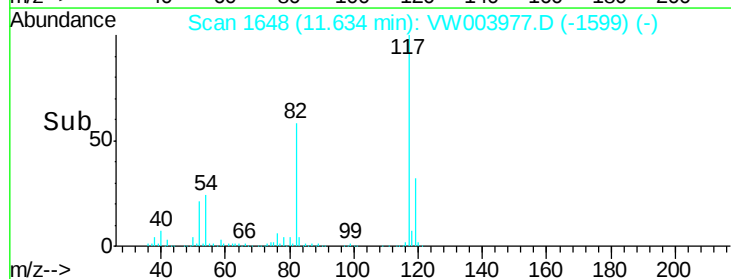
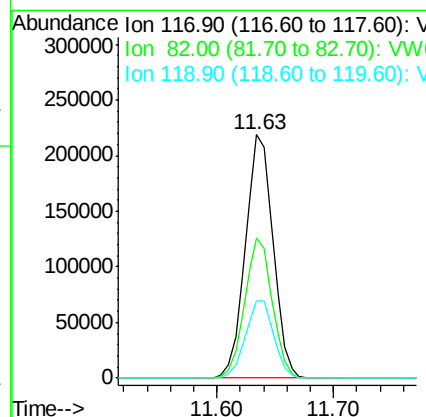
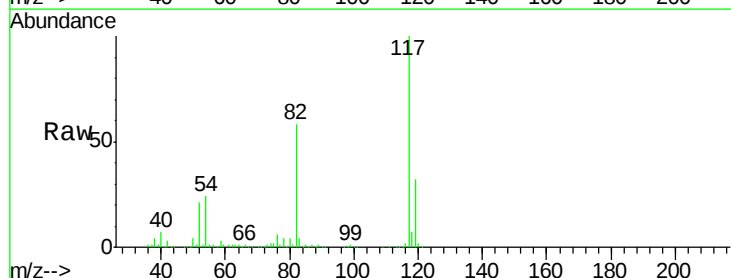
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBL01

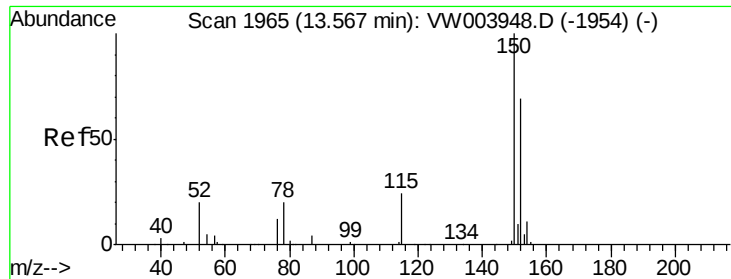
Tot Ion: 95 Resp: 164926
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 160.2
 176 76.6 0.0 155.8



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.63 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VW003977.D
 Acq: 17 Jul 2018 11:39

Tgt Ion: 117 Resp: 364692
 Ion Ratio Lower Upper
 117 100
 82 57.6 46.5 69.7
 119 31.6 26.2 39.2



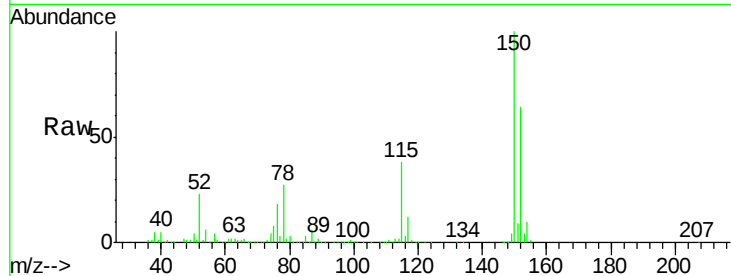


#72

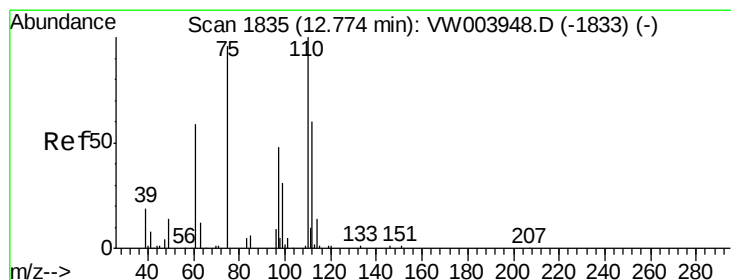
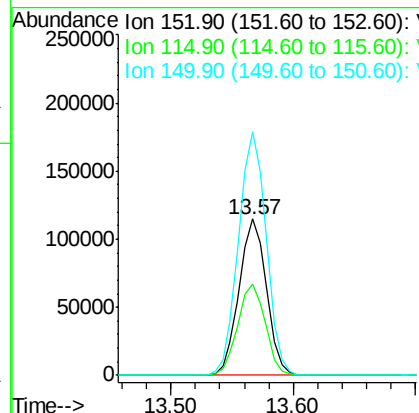
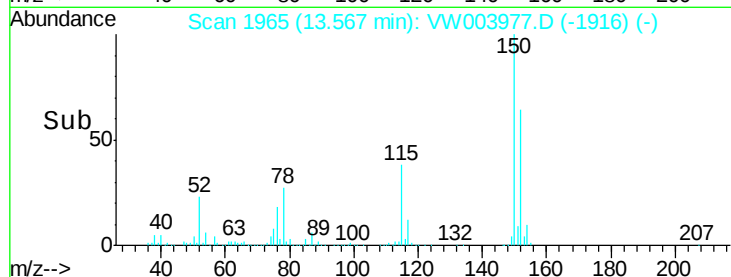
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

Instrument :
MSVOA_W
ClientSampleId :
VW0717SBL01

Tot Ion:152 Resp: 177181
Ion Ratio Lower Upper
152 100
115 59.1 29.2 87.6
150 158.1 0.0 345.2



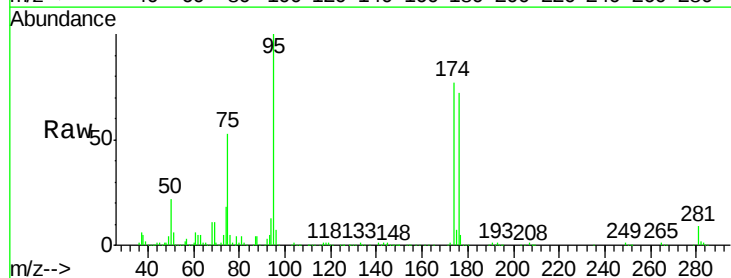
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



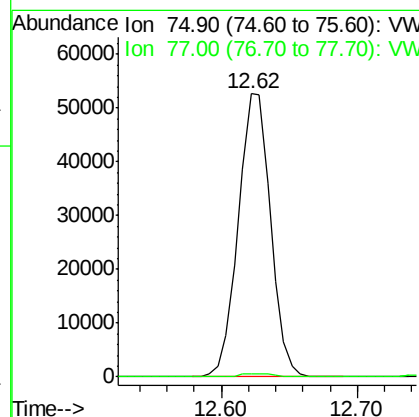
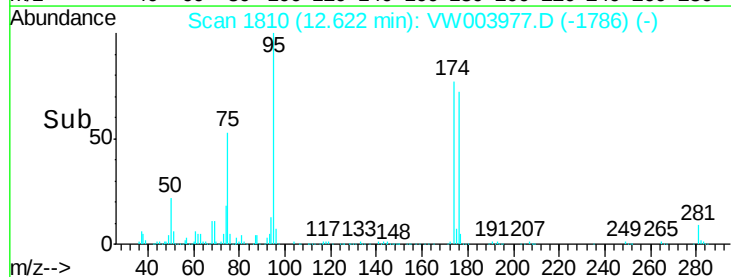
#76

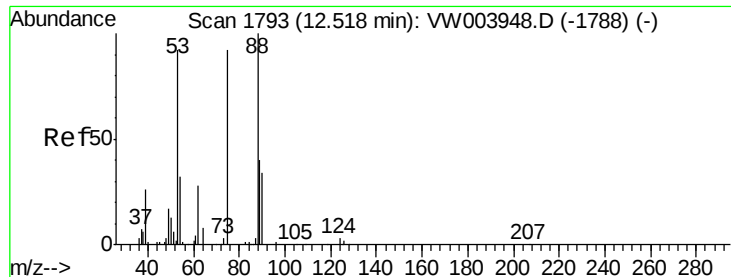
1,2,3-Trichloropropane
Concen: 49.50 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW003977.D
Acq: 17 Jul 2018 11:39

Tgt Ion: 75 Resp: 87068
Ion Ratio Lower Upper
75 100
77 1.3 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: 109.49 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW003977.D
 Acq: 17 Jul 2018 11:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0717SBL01

Tot Ion: 75 Resp: 87068
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.6 116.4#
 89 0.1 36.6 54.8#

