

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006771.D
 Acq On : 08 Nov 2018 17:32
 Operator : SY/AP
 Sample : J5735-05RE
 Misc : 6.12G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 12B

Quant Time: Nov 09 11:14:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	424554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	380819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	167683	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	99522	40.09	ug/l	0.00
Spiked Amount			Recovery	=	80.18%	
35) Dibromofluoromethane	7.88	113	104478	39.21	ug/l	0.00
Spiked Amount			Recovery	=	78.42%	
50) Toluene-d8	10.33	98	353112	34.81	ug/l	0.00
Spiked Amount			Recovery	=	69.62%	
62) 4-Bromofluorobenzene	12.62	95	112136	30.49	ug/l	0.00
Spiked Amount			Recovery	=	60.98%	

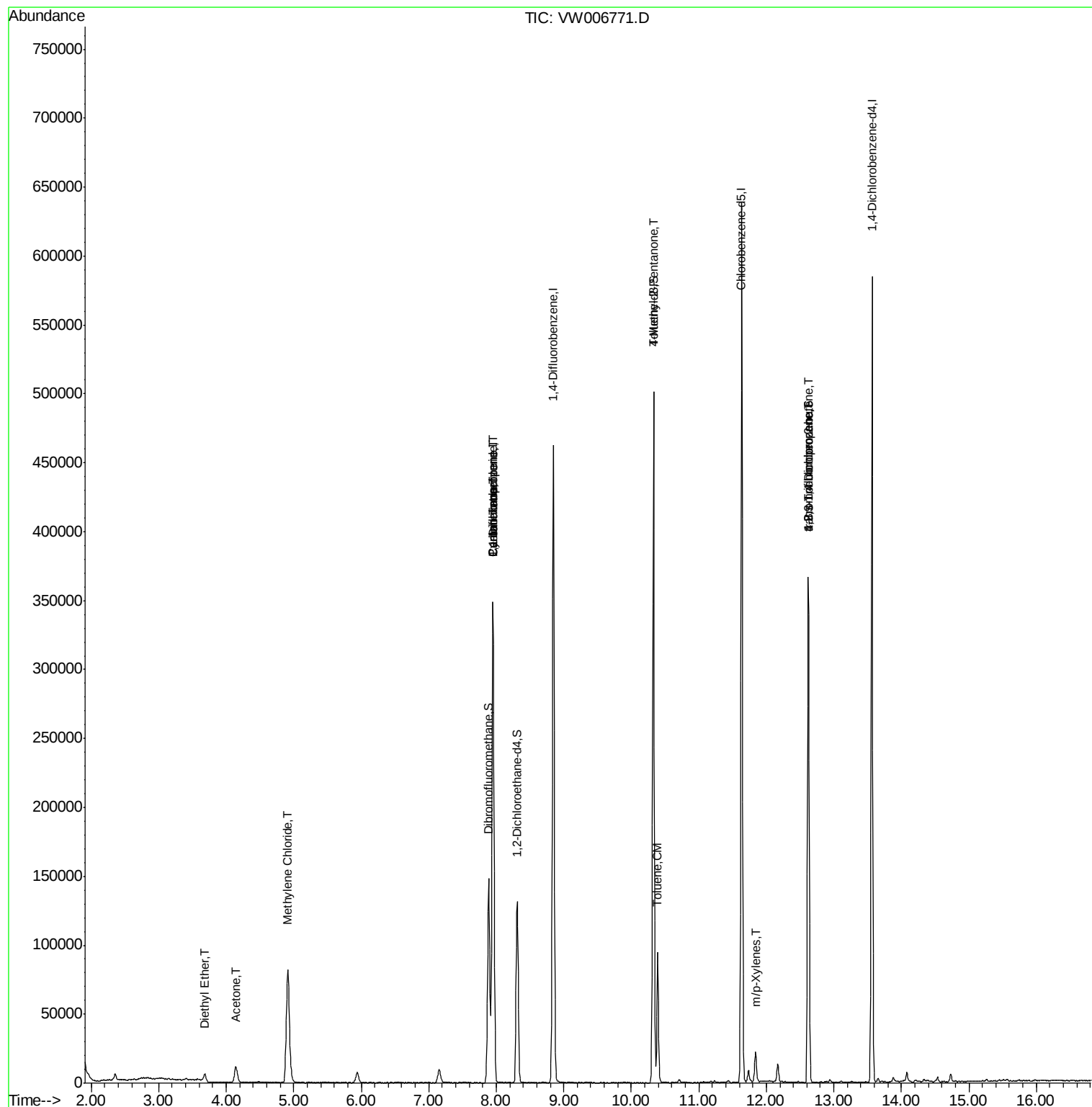
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	3264	2.615	ug/l	84
16) Acetone	4.14	43	23041	57.495	ug/l	98
20) Methylene Chloride	4.91	84	70973	24.252	ug/l	95
31) Cyclohexane	7.96	56	4839	1.224	ug/l #	20
36) 1,1-Dichloropropene	7.95	75	18359	4.917	ug/l #	48
38) Carbon Tetrachloride	7.95	117	24677	6.325	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	1361	1.026	ug/l #	1
52) Toluene	10.39	92	40437	5.685	ug/l	100
68) m/p-Xylenes	11.84	106	6885	1.287	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	55010	42.047	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55010	105.755	ug/l #	11

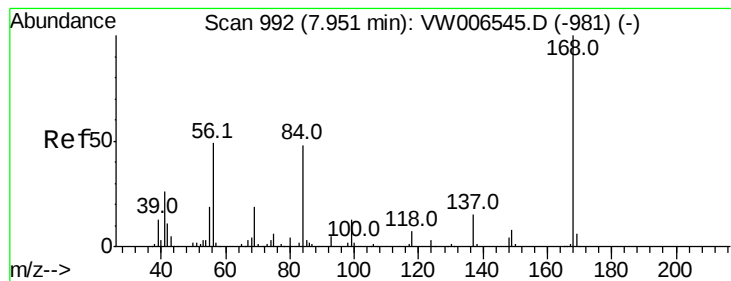
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110818\
Data File : VW006771.D
Acq On : 08 Nov 2018 17:32
Operator : SY/AP
Sample : J5735-05RE
Misc : 6.12G/5ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
12B

Quant Time: Nov 09 11:14:42 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006771.D

Acq: 08 Nov 2018 17:32

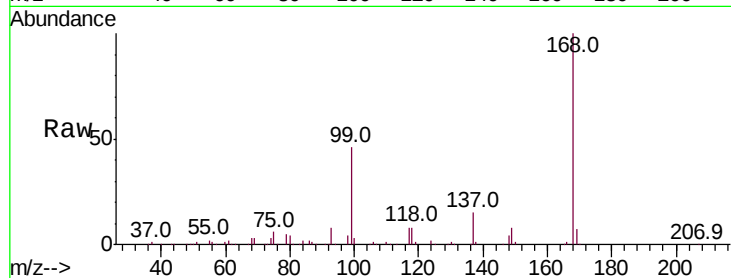
Instrument :
MSVOA_W
ClientSampled :
12B

Tot Ion:168 Resp: 288761

Ion Ratio Lower Upper

168 100

99 46.5 37.4 56.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

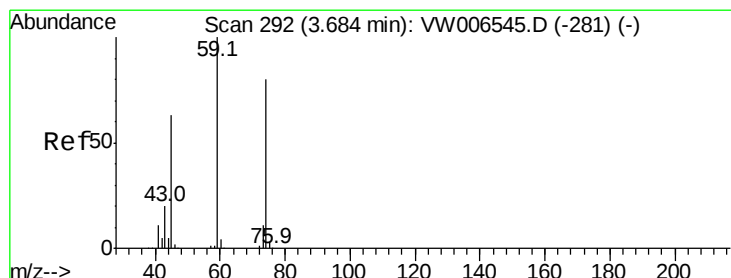
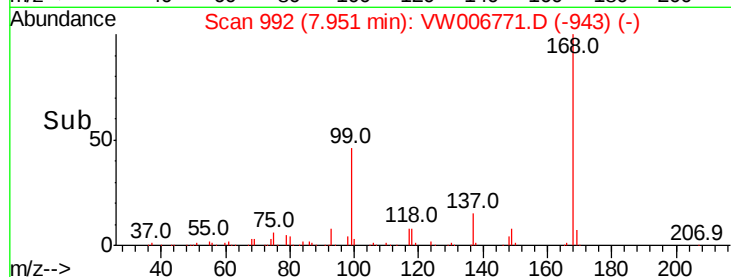
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.615 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.00 min

Lab File: VW006771.D

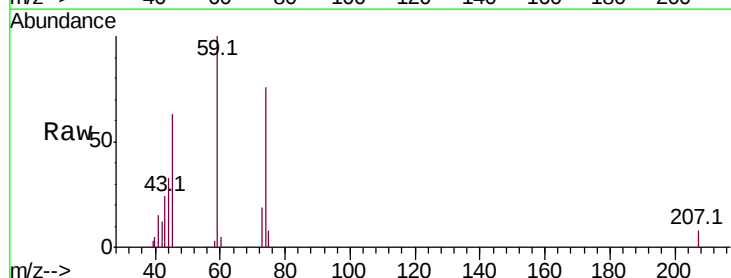
Acq: 08 Nov 2018 17:32

Tgt Ion: 74 Resp: 3264

Ion Ratio Lower Upper

74 100

45 96.3 41.1 123.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

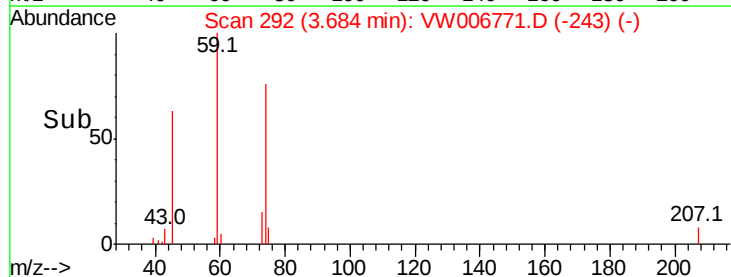
1500

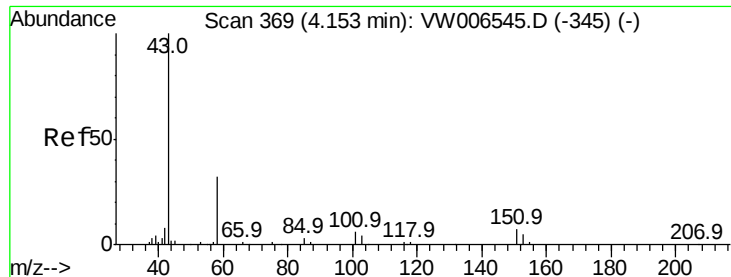
1000

500

0

Time-->





#16

Acetone

Concen: 57.495 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006771.D

Acq: 08 Nov 2018 17:32

Instrument :

MSVOA_W

ClientSampleId :

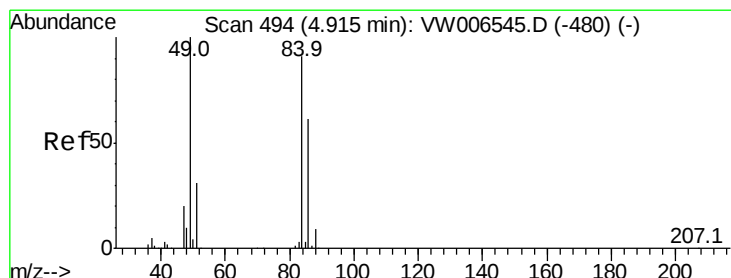
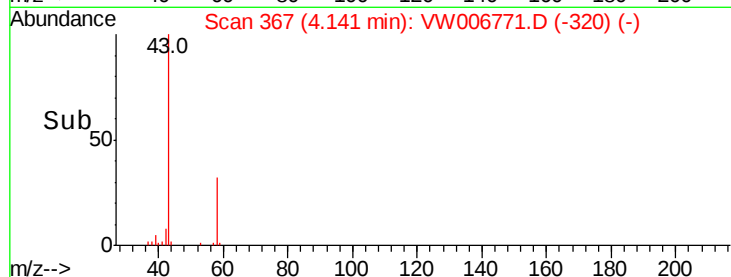
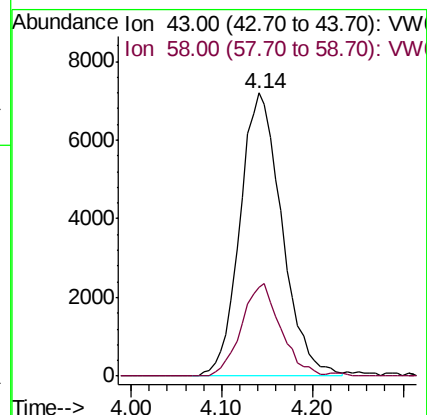
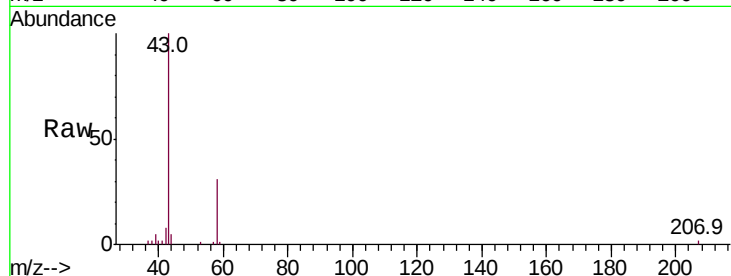
12B

Tot Ion: 43 Resp: 23041

Ion Ratio Lower Upper

43 100

58 31.3 25.8 38.8



#20

Methylene Chloride

Concen: 24.252 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006771.D

Acq: 08 Nov 2018 17:32

Tgt Ion: 84 Resp: 70973

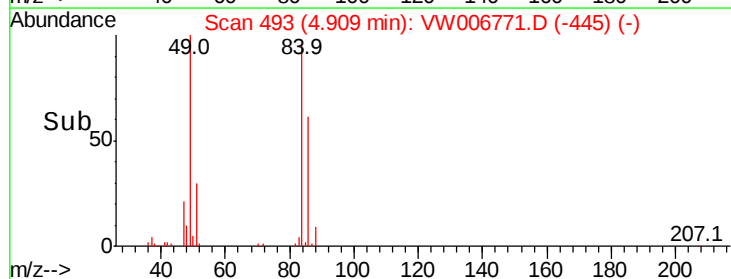
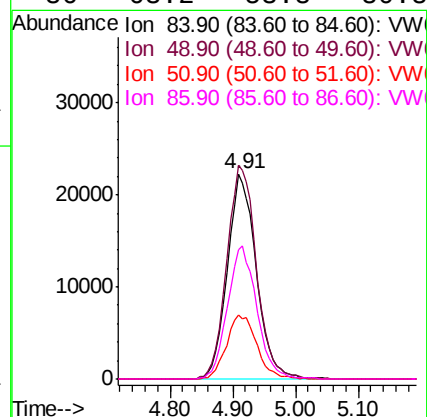
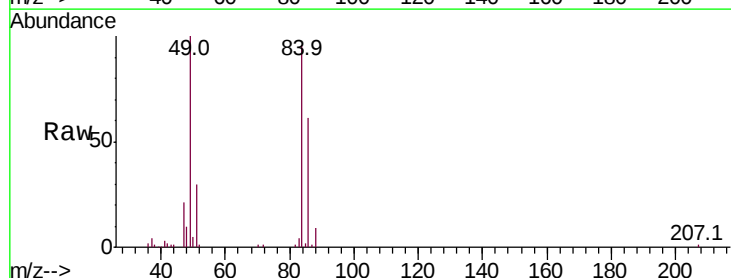
Ion Ratio Lower Upper

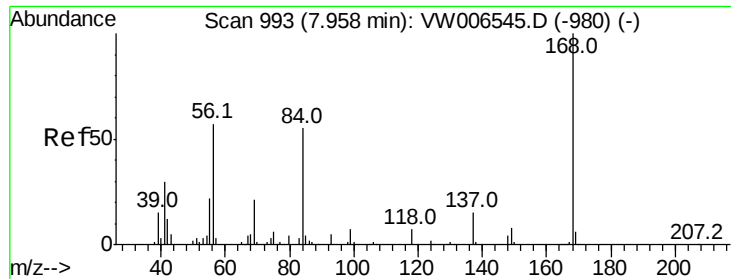
84 100

49 104.2 88.2 132.4

51 31.2 27.0 40.6

86 63.2 53.8 80.8

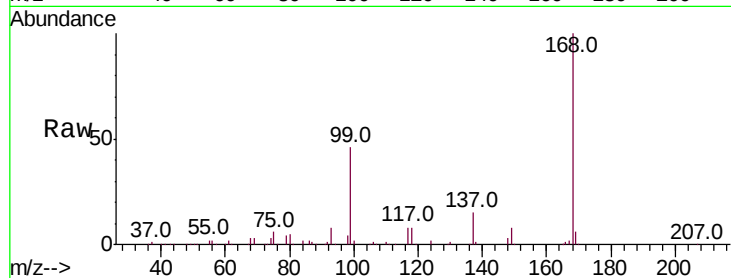




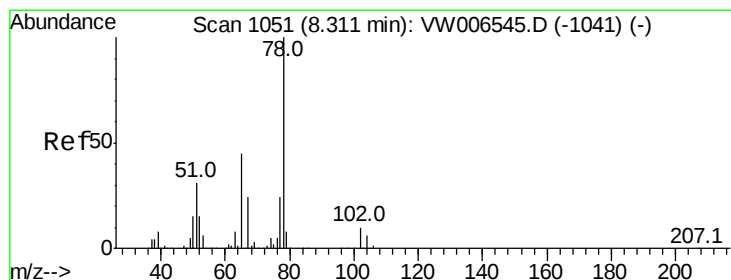
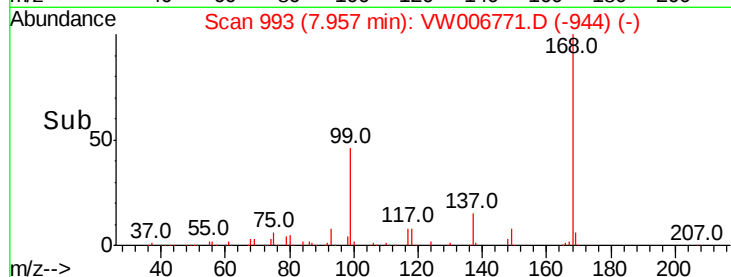
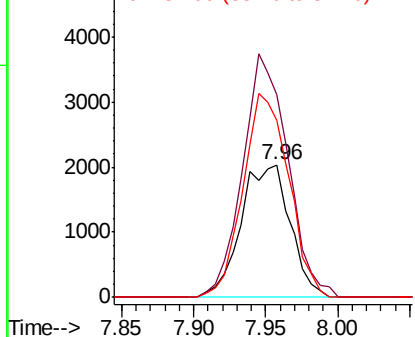
#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006771.D
Acq: 08 Nov 2018 17:32

Instrument :
MSVOA_W
ClientSampled :
12B

Tot Ion: 56 Resp: 4839
Ion Ratio Lower Upper
56 100
69 153.1 29.0 43.4#
84 133.2 77.8 116.6#

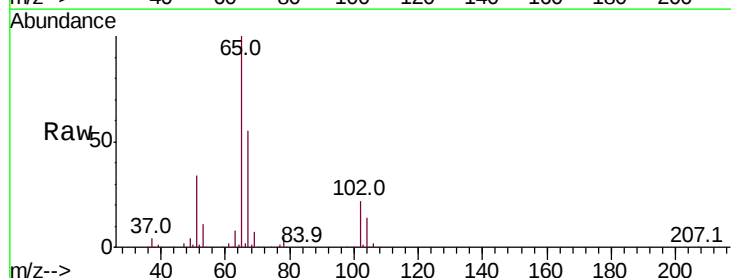


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

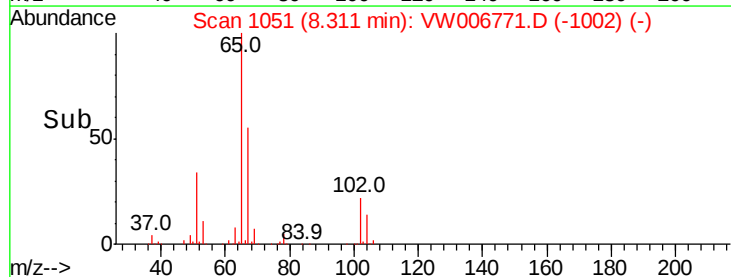
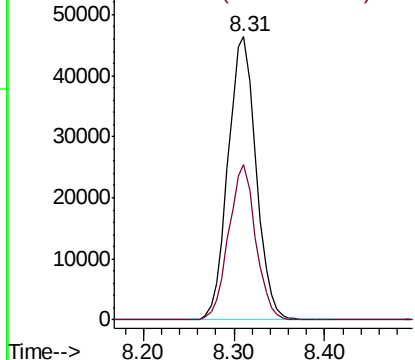


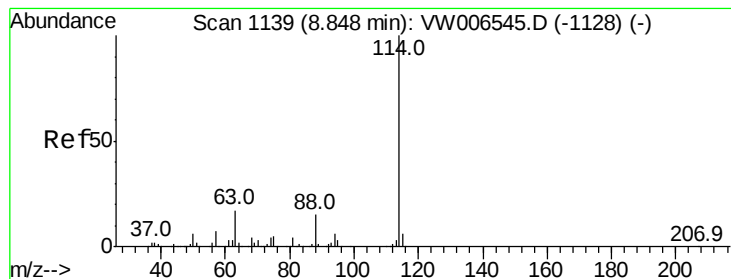
#33
1,2-Dichloroethane-d4
Concen: 40.095 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW006771.D
Acq: 08 Nov 2018 17:32

Tgt Ion: 65 Resp: 99522
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.4



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# 1139

Delta R.T. 0.00 min

Lab File: VW006771.D

Acq: 08 Nov 2018 17:32

Instrument :

MSVOA_W

ClientSampleId :

12B

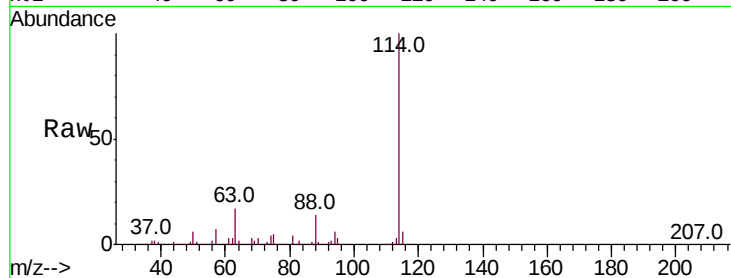
Tot Ion:114 Resp: 424554

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

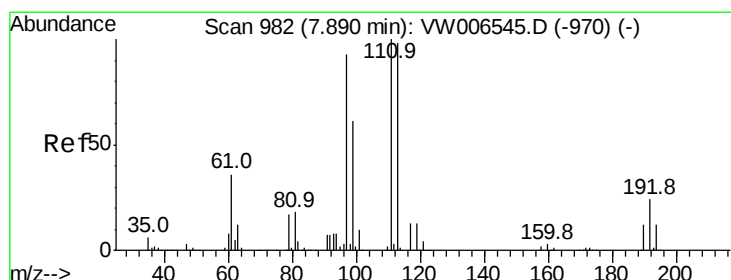
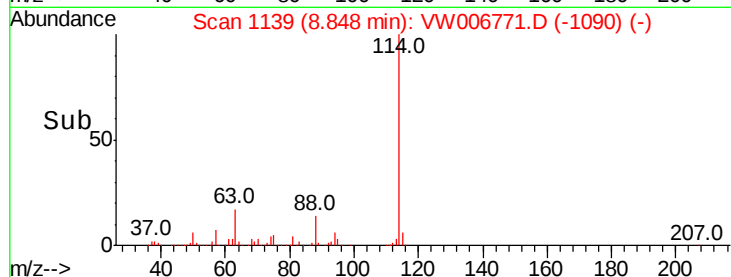
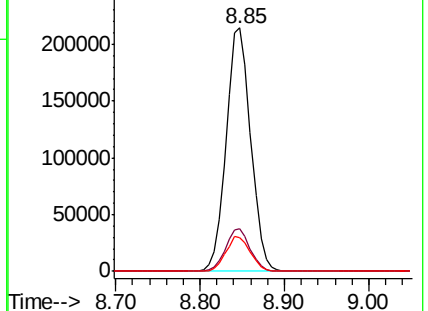
88 13.8 0.0 29.0



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: 39.212 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006771.D

Acq: 08 Nov 2018 17:32

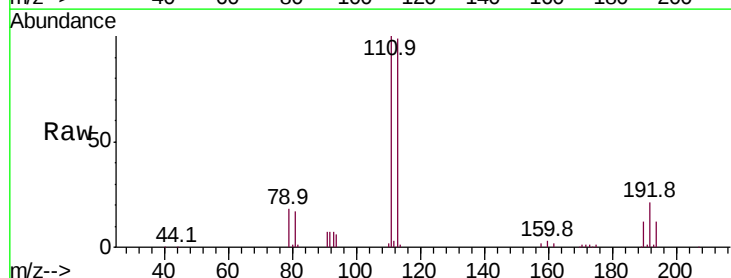
Tgt Ion:113 Resp: 104478

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.2

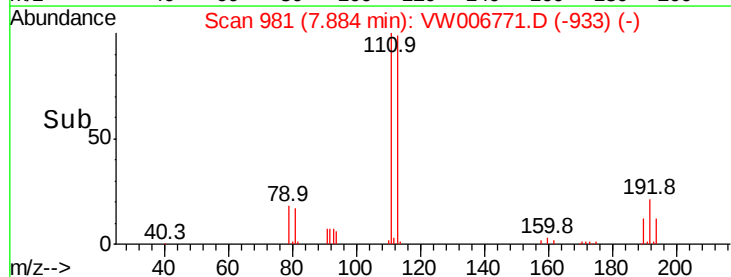
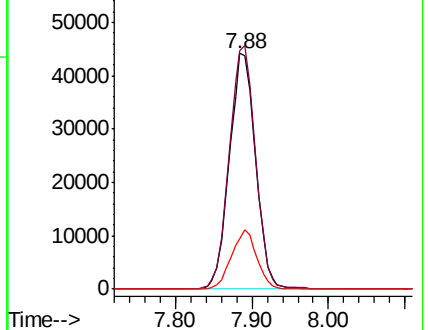
192 24.0 19.0 28.6

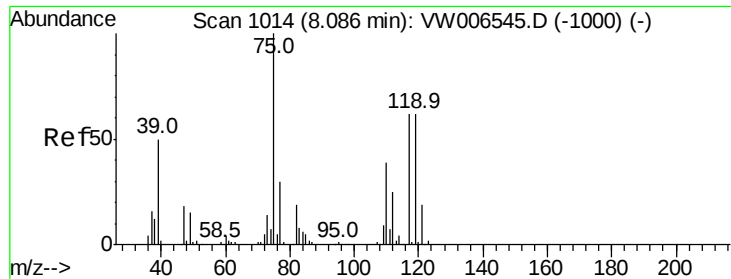


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

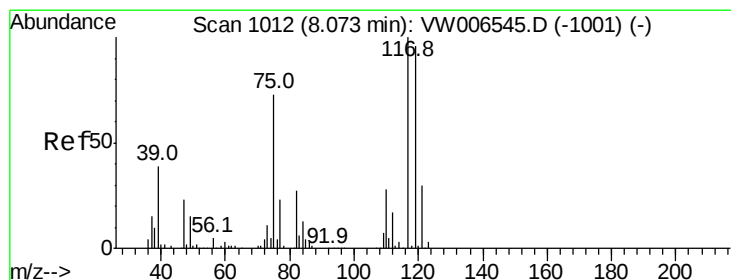
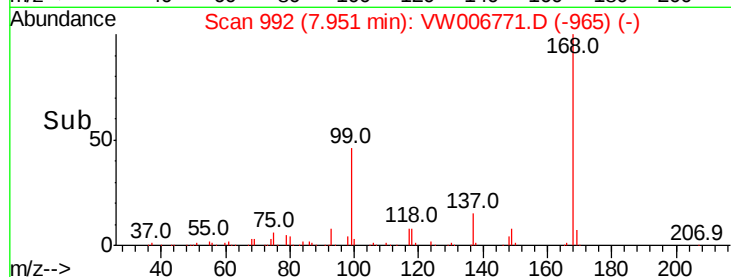
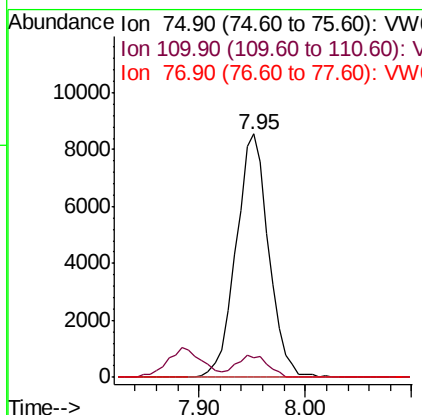
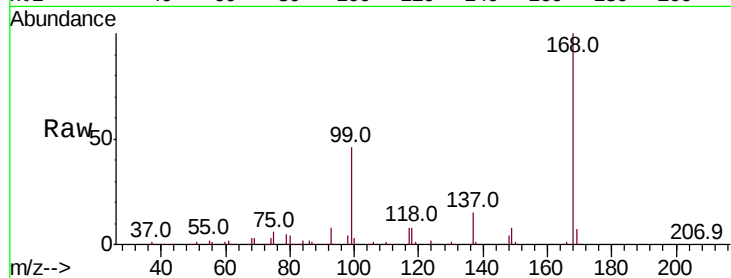




#36
 1,1-Dichloropropene
 Concen: 4.917 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006771.D
 Acq: 08 Nov 2018 17:32

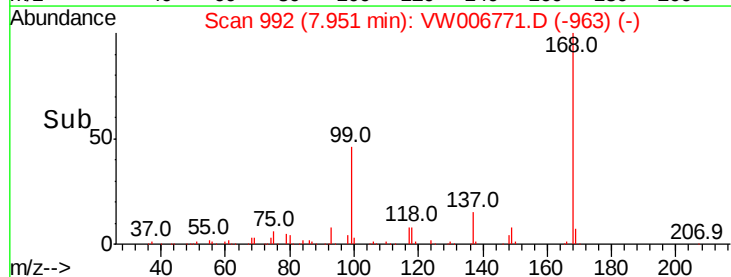
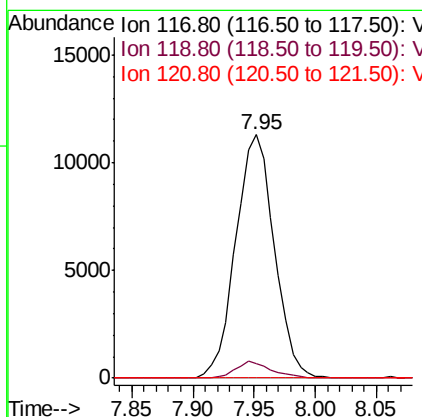
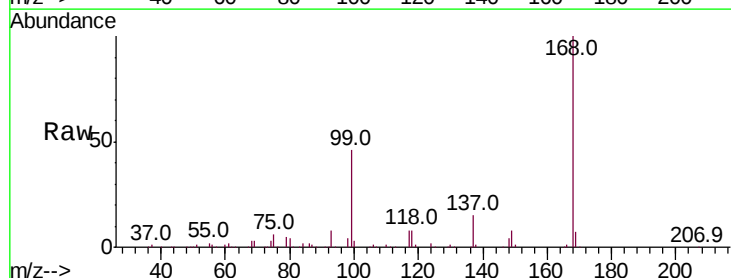
Instrument :
 MSVOA_W
 ClientSampled :
 12B

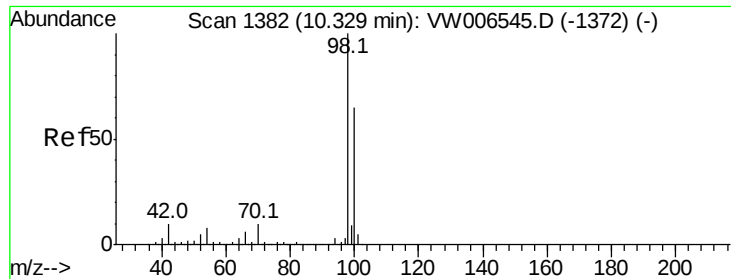
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.5	58.5#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.325 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006771.D
 Acq: 08 Nov 2018 17:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	76.3	114.5#
121	0.0	24.1	36.1#

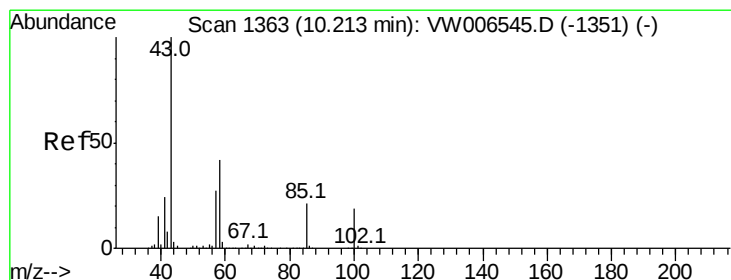
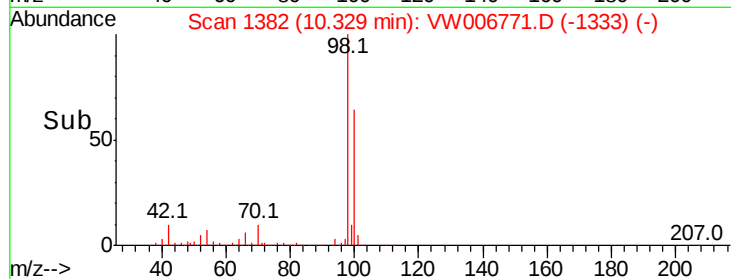
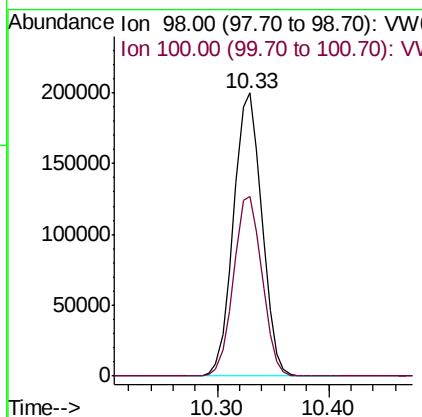
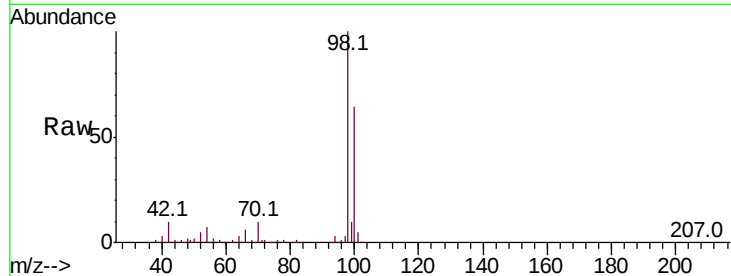




#50
Toluene-d8
Concen: 34.814 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006771.D
Acq: 08 Nov 2018 17:32

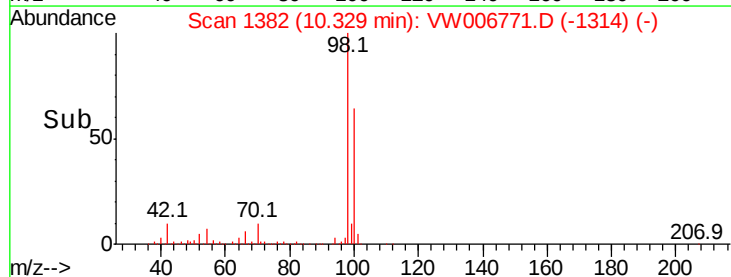
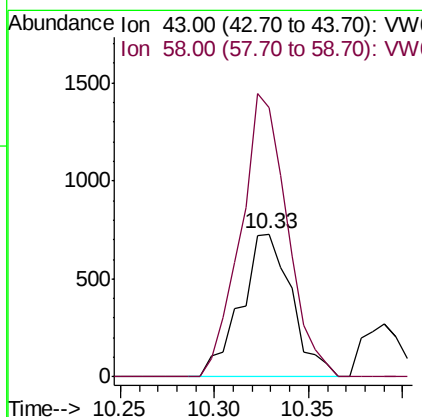
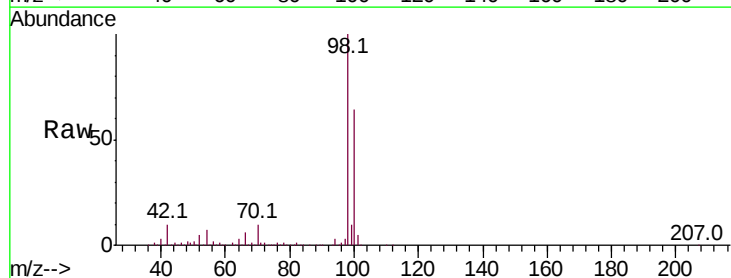
Instrument :
MSVOA_W
ClientSampled :
12B

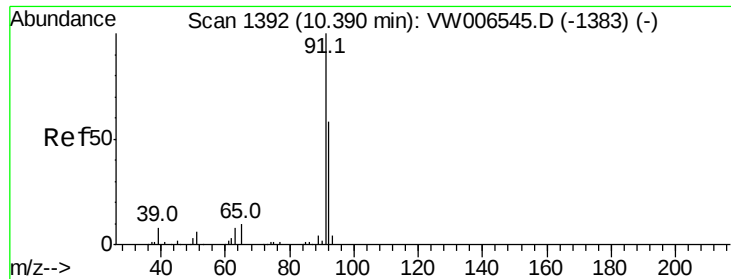
Tot Ion: 98 Resp: 353112
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.026 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.12 min
Lab File: VW006771.D
Acq: 08 Nov 2018 17:32

Tgt Ion: 43 Resp: 1361
Ion Ratio Lower Upper
43 100
58 182.4 33.4 50.0#





#52

Toluene

Concen: 5.685 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006771.D

Acq: 08 Nov 2018 17:32

Instrument :

MSVOA_W

ClientSampleId :

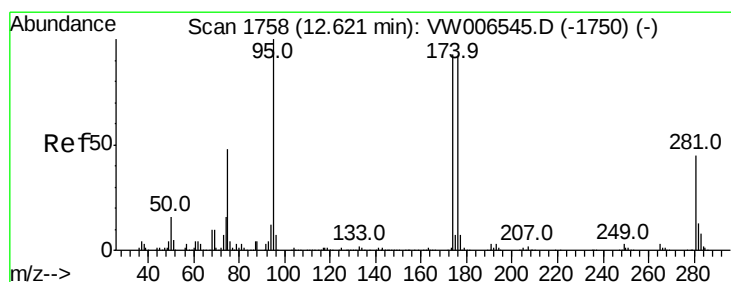
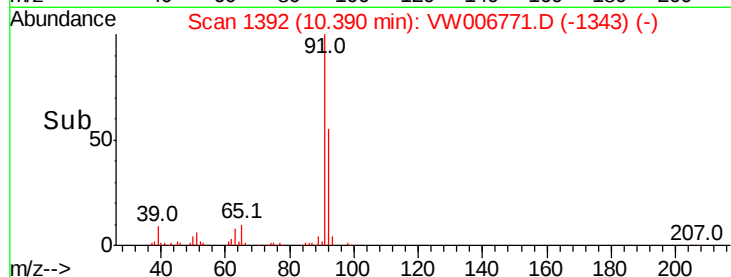
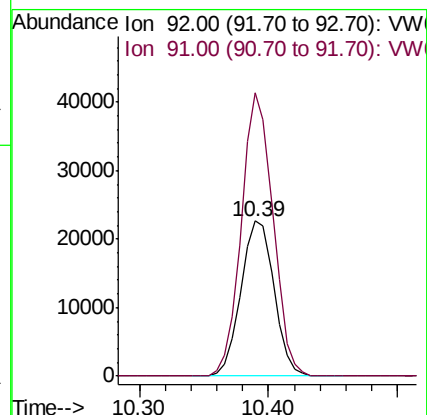
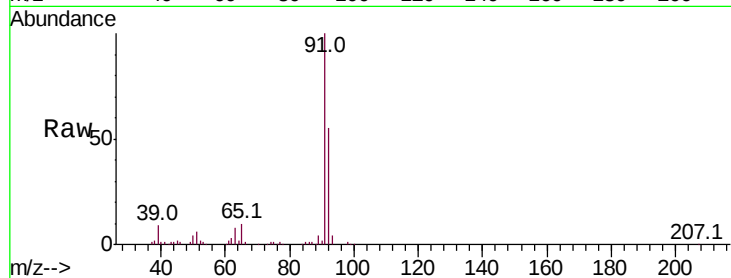
12B

Tot Ion: 92 Resp: 40437

Ion Ratio Lower Upper

92 100

91 173.3 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 30.495 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006771.D

Acq: 08 Nov 2018 17:32

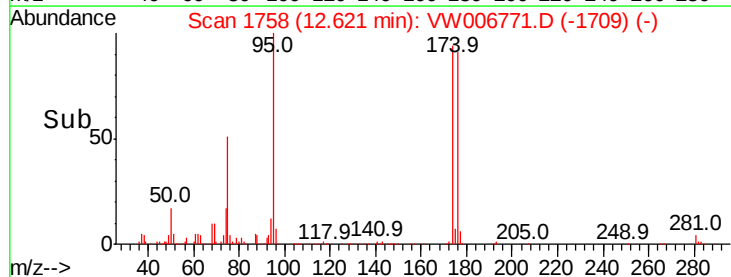
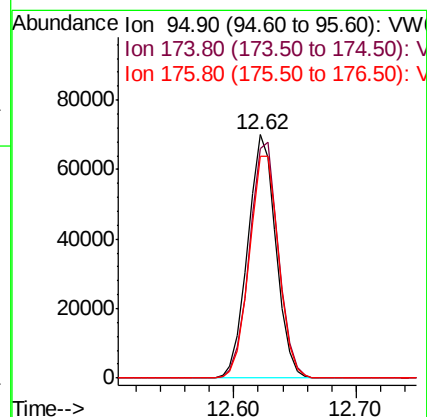
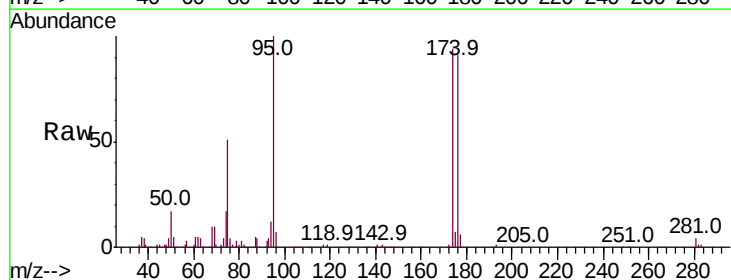
Tgt Ion: 95 Resp: 112136

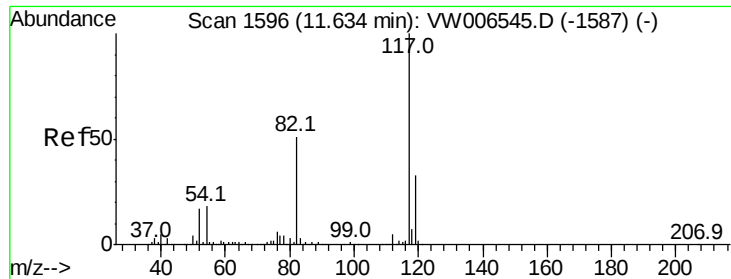
Ion Ratio Lower Upper

95 100

174 99.5 0.0 192.4

176 95.1 0.0 187.4

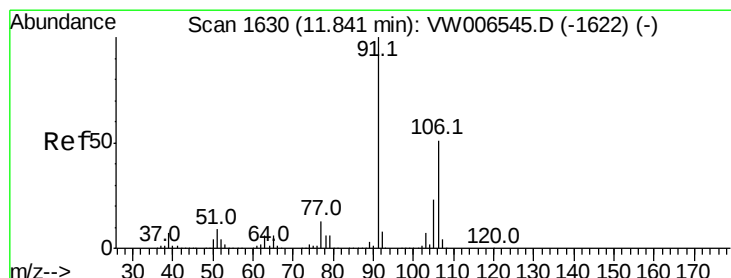
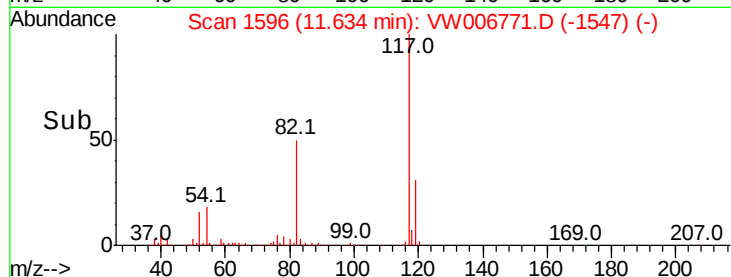
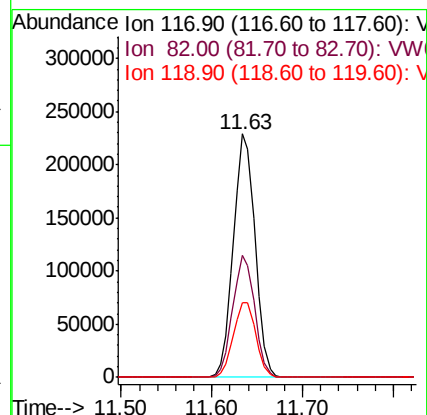
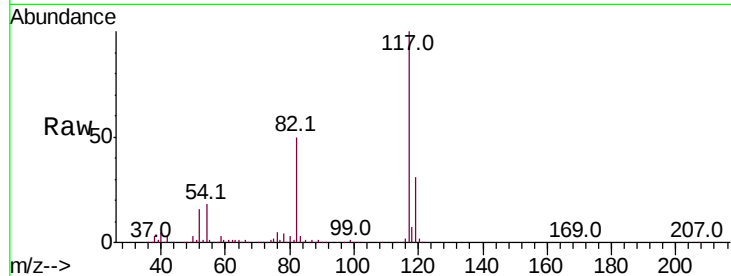




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006771.D
Acq: 08 Nov 2018 17:32

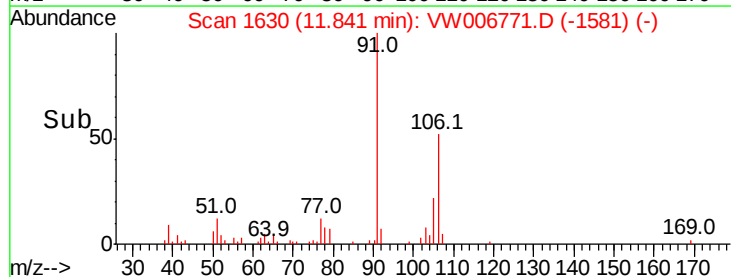
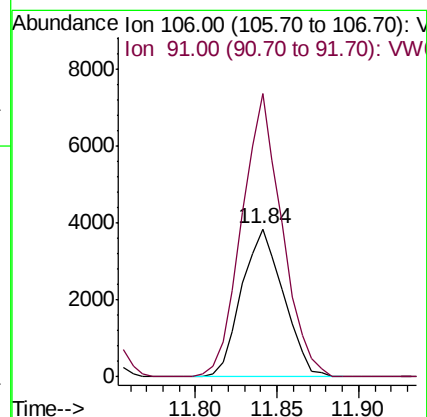
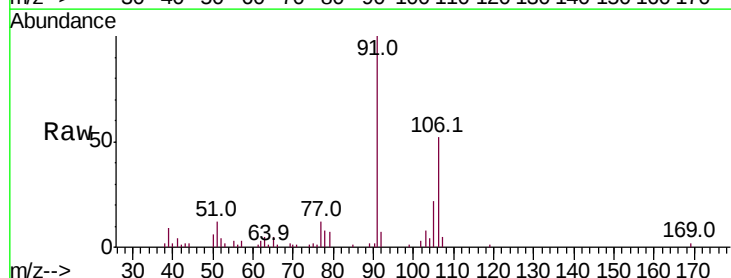
Instrument :
MSVOA_W
ClientSampleId :
12B

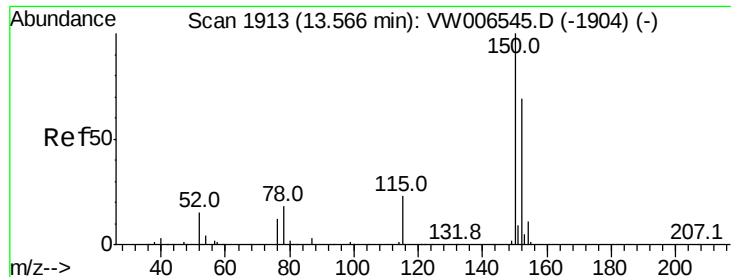
Tot Ion:117 Resp: 380819
Ion Ratio Lower Upper
117 100
82 50.1 40.8 61.2
119 30.7 26.1 39.1



#68
m/p-Xylenes
Concen: 1.287 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006771.D
Acq: 08 Nov 2018 17:32

Tgt Ion:106 Resp: 6885
Ion Ratio Lower Upper
106 100
91 183.8 156.7 235.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006771.D

Acq: 08 Nov 2018 17:32

Instrument :

MSVOA_W

ClientSampleId :

12B

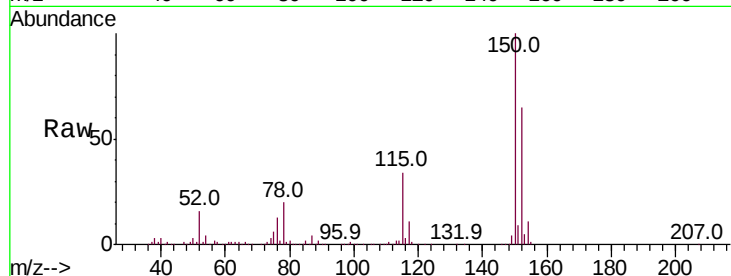
Tot Ion:152 Resp: 167683

Ion Ratio Lower Upper

152 100

115 53.2 26.6 79.8

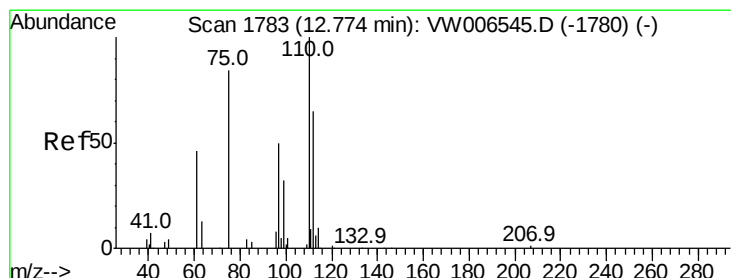
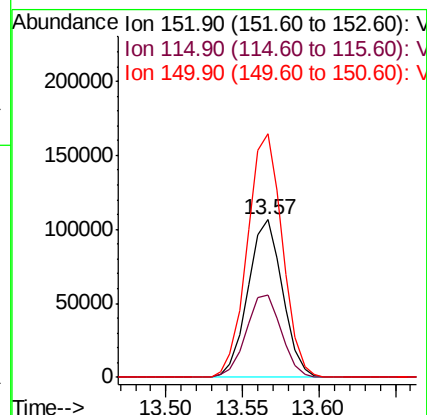
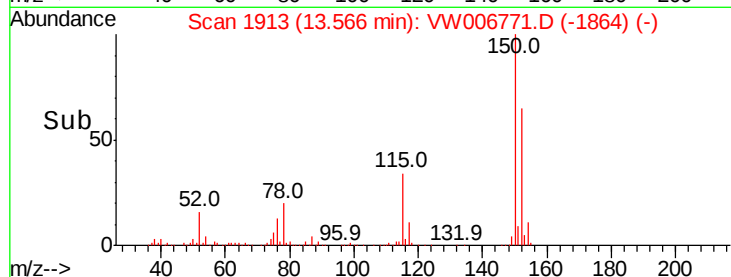
150 156.2 0.0 344.6



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: 42.047 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006771.D

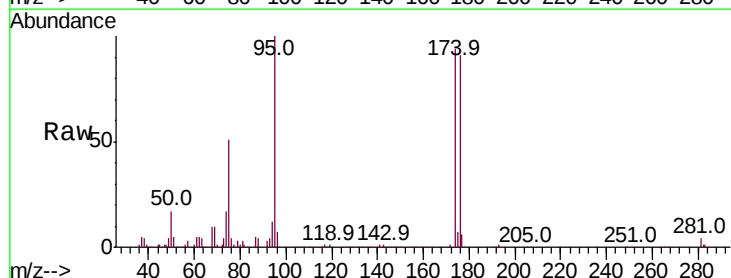
Acq: 08 Nov 2018 17:32

Tgt Ion: 75 Resp: 55010

Ion Ratio Lower Upper

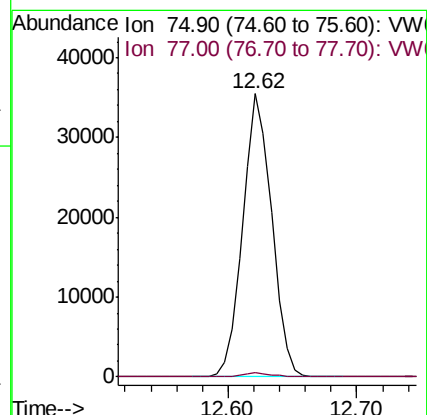
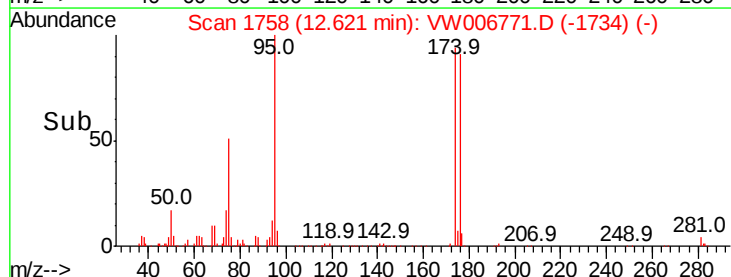
75 100

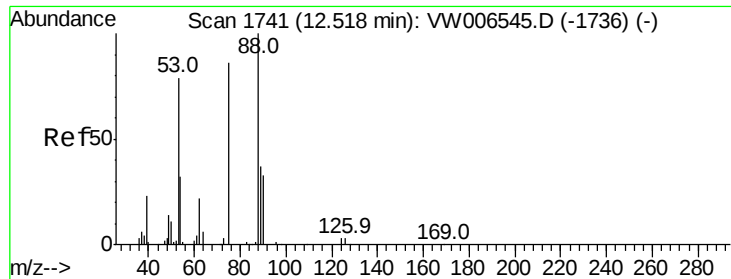
77 1.3 0.0 0.0#



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: 105.755 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006771.D

Acq: 08 Nov 2018 17:32

Instrument :

MSVOA_W

ClientSampleId :

12B

Tot Ion: 75 Resp: 55010

Ion Ratio Lower Upper

75 100

53 0.1 77.2 115.8#

89 0.1 38.6 58.0#

