

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091818\
 Data File : VW005481.D
 Acq On : 18 Sep 2018 16:14
 Operator : SY/AP
 Sample : J4959-01
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 18:04:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

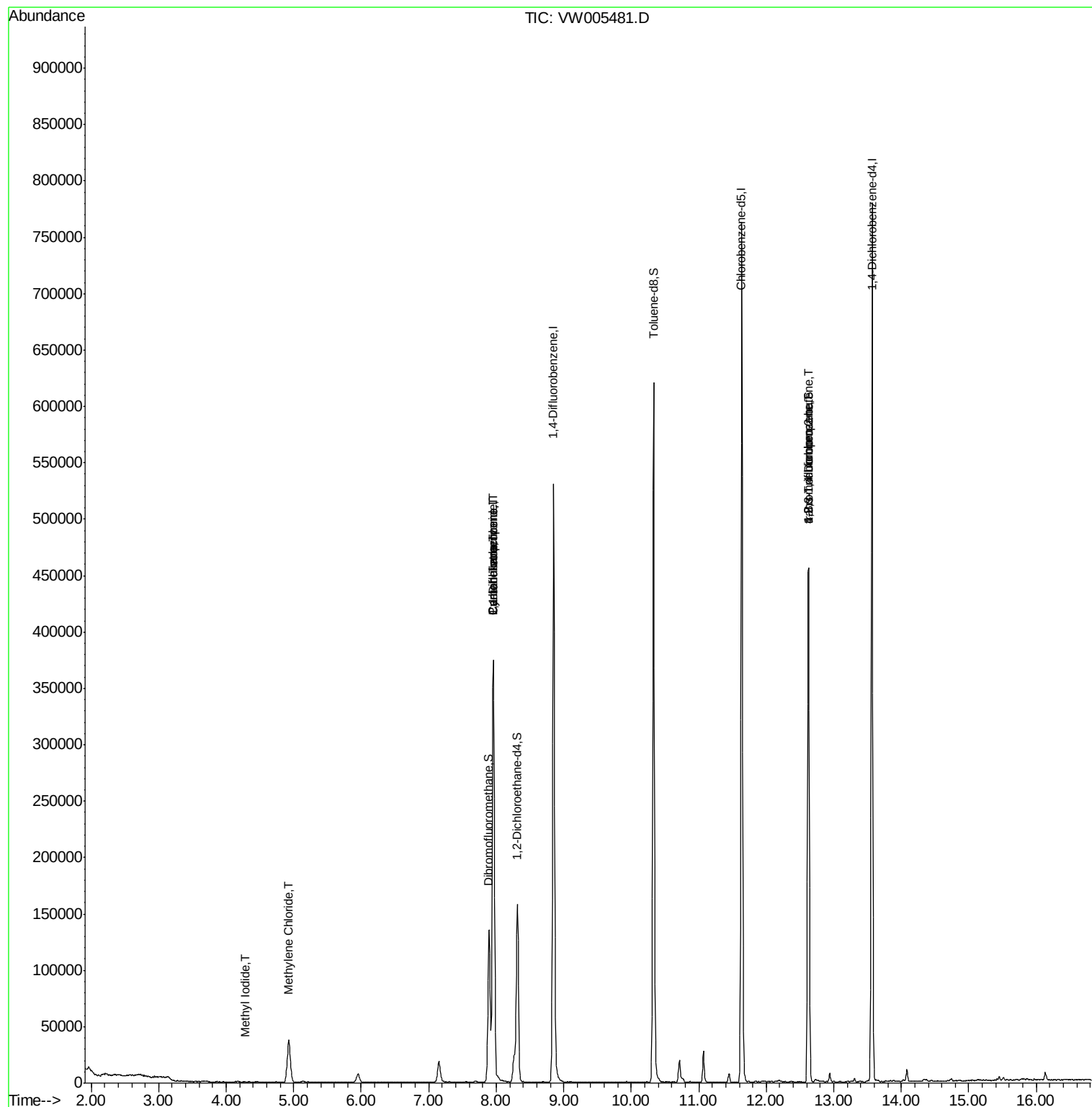
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	279462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	444678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	425444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	200870	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125053	43.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.22%	
35) Dibromofluoromethane	7.89	113	99028	39.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.44%	
50) Toluene-d8	10.33	98	409994	35.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.82%	
62) 4-Bromofluorobenzene	12.63	95	149076	35.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.22%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	330	Below Cal		95
5) Bromomethane	2.79	94	222	Below Cal		86
10) Methyl Iodide	4.27	142	60	4.069 ug/l #		38
11) Tert butyl alcohol	5.22	59	168	Below Cal #		71
13) Acrolein	3.73	56	22	Below Cal #		12
16) Acetone	4.17	43	1159	Below Cal #		80
20) Methylene Chloride	4.93	84	28131	4.558 ug/l		95
31) Cyclohexane	7.95	56	6485	1.401 ug/l #		1
36) 1,1-Dichloropropene	7.96	75	22421	5.328 ug/l #		50
38) Carbon Tetrachloride	7.96	117	27783	6.336 ug/l #		18
76) 1,2,3-Trichloropropane	12.62	75	76186	46.114 ug/l #		100
81) trans-1,4-Dichloro-2-buten	12.62	75	76186	119.624 ug/l #		8

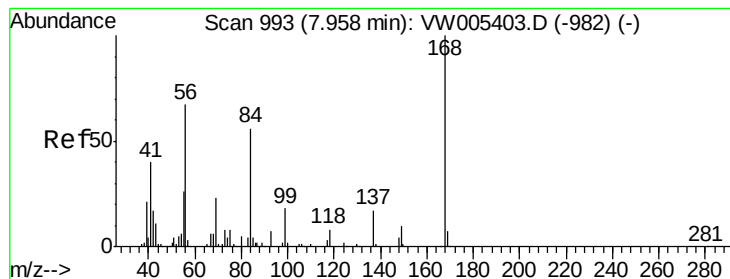
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091818\
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QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_W

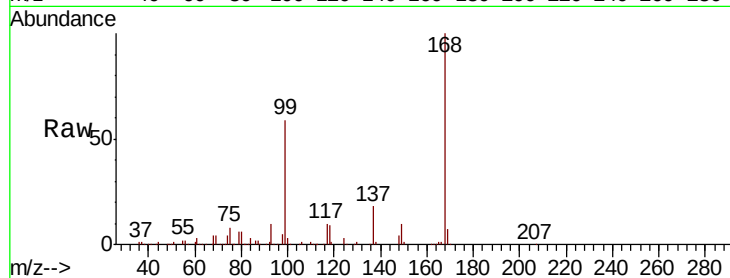
ClientSampled :

Tot Ion:168 Resp: 279462

Ion Ratio Lower Upper

168 100

99 59.3 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

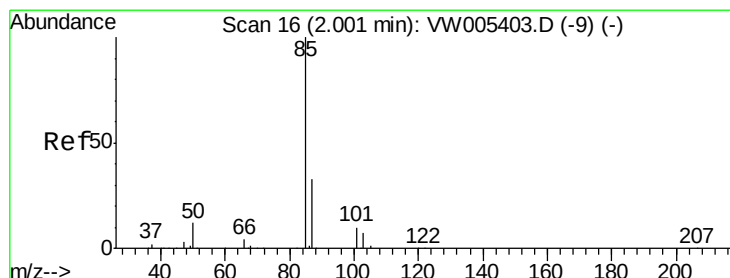
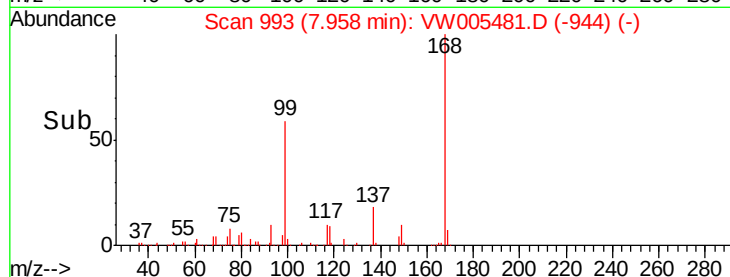
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005481.D

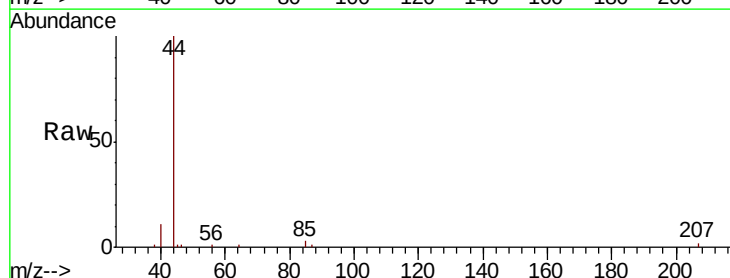
Acq: 18 Sep 2018 16:14

Tgt Ion: 85 Resp: 330

Ion Ratio Lower Upper

85 100

87 35.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

300

250

200

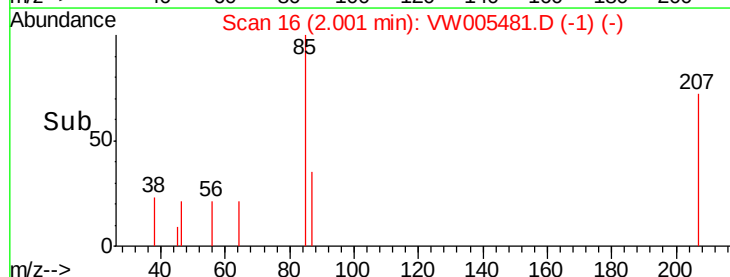
150

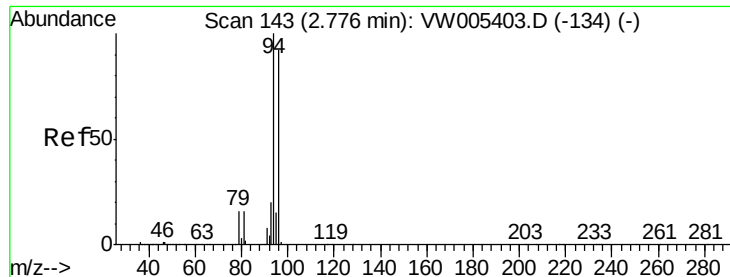
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_W

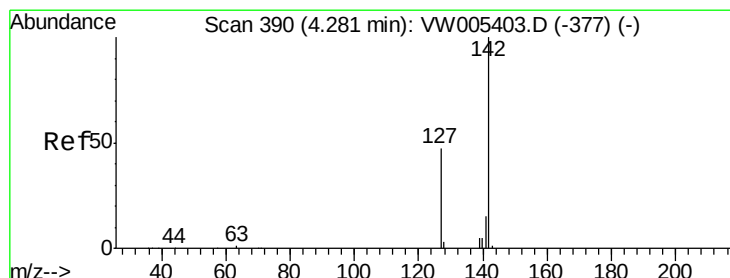
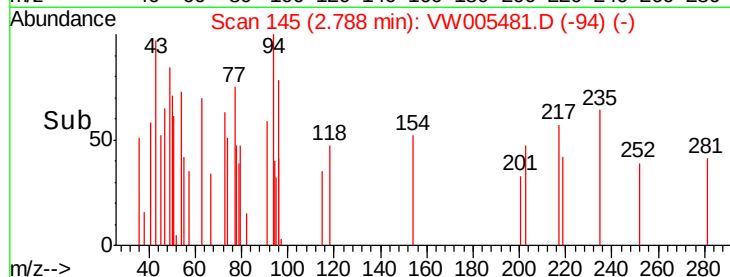
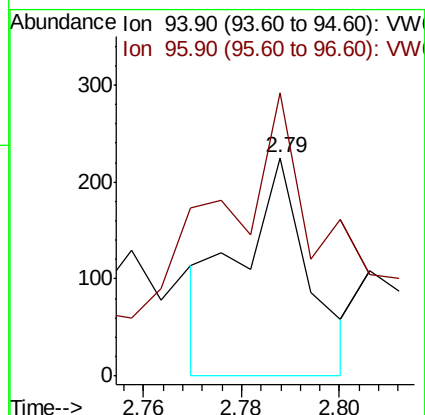
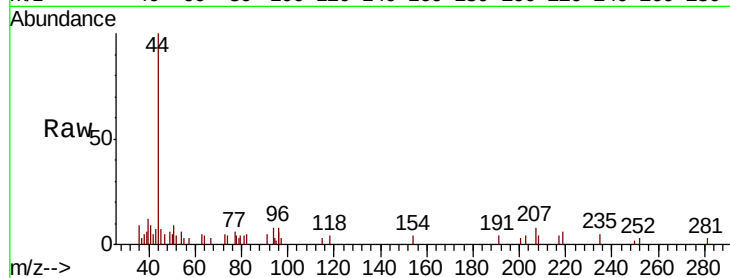
ClientSampled :

Tot Ion: 94 Resp: 222

Ion Ratio Lower Upper

94 100

96 78.4 73.7 110.5



#10

Methyl Iodide

Concen: 4.069 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

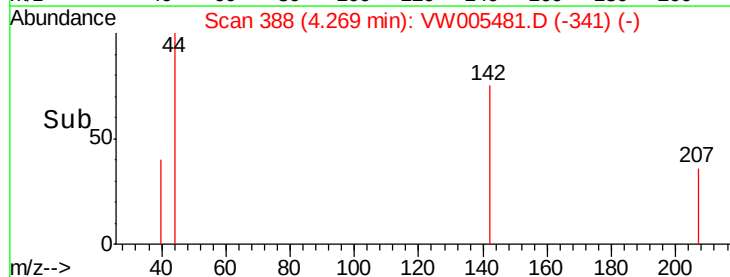
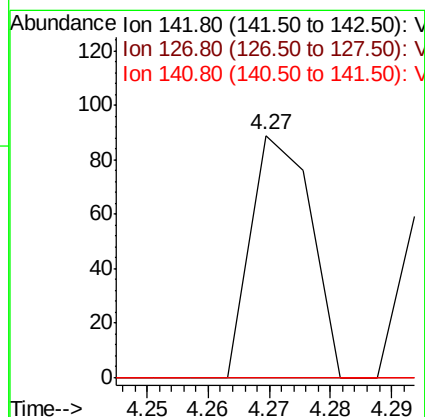
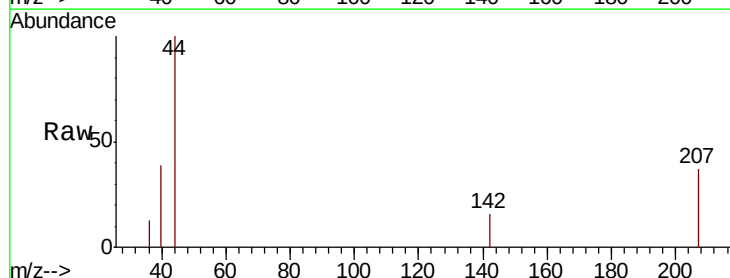
Tgt Ion: 142 Resp: 60

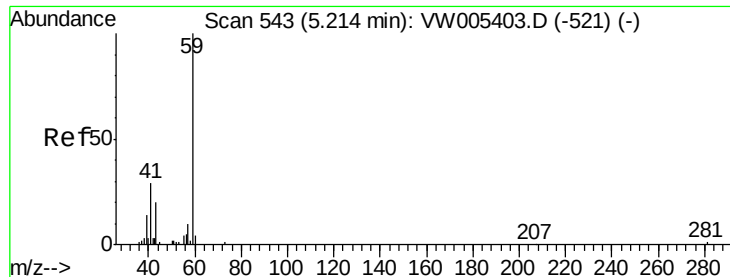
Ion Ratio Lower Upper

142 100

127 0.0 37.5 56.3#

141 0.0 12.4 18.6#

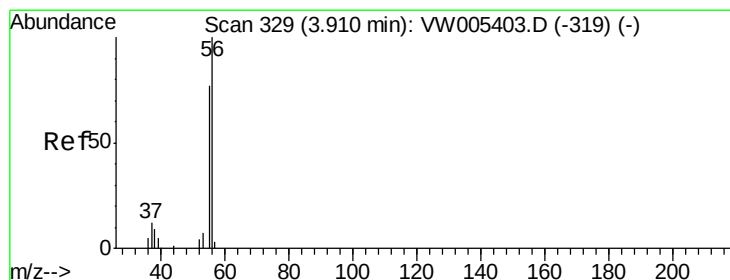
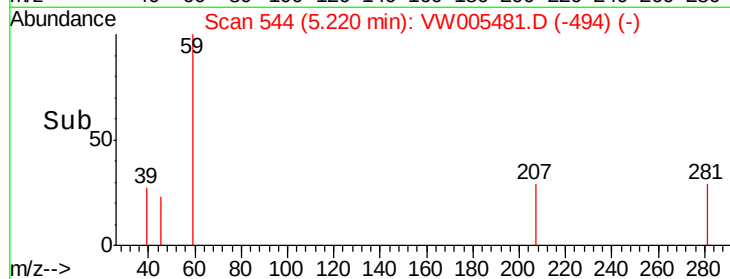
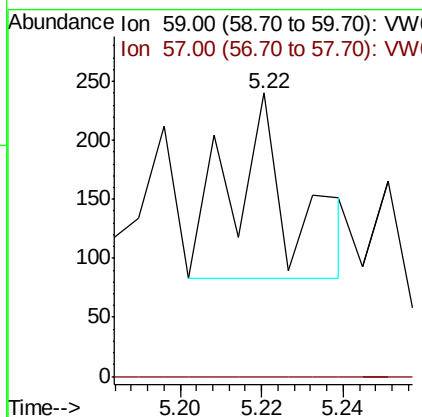
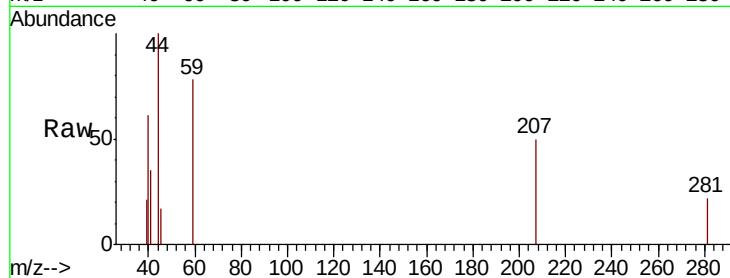




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW005481.D
Acq: 18 Sep 2018 16:14

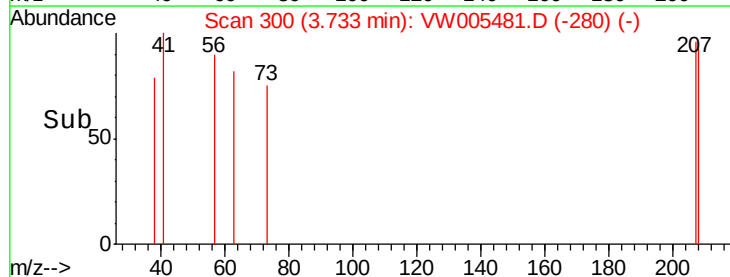
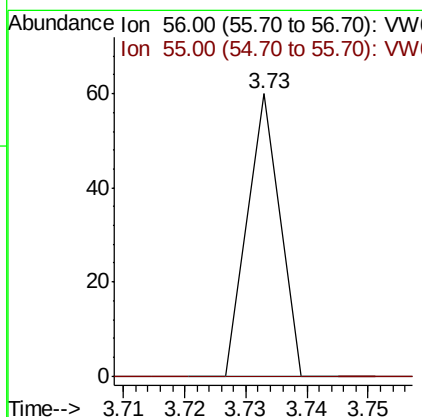
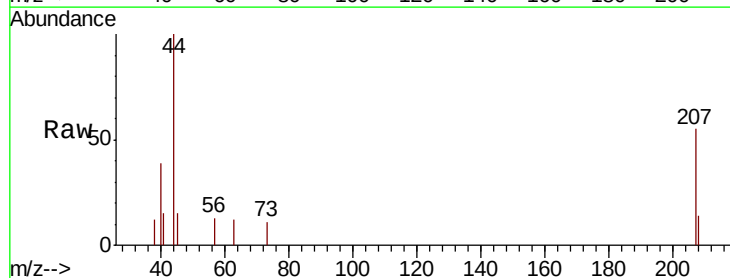
Instrument :
MSVOA_W
ClientSampled :

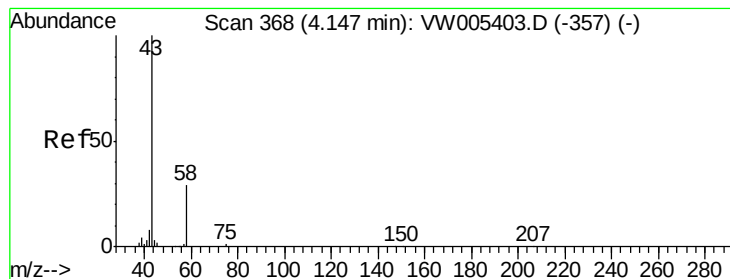
Tot Ion: 59 Resp: 168
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#13
Acrolein
Concen: Below Cal
RT: 3.73 min Scan# 300
Delta R.T. -0.18 min
Lab File: VW005481.D
Acq: 18 Sep 2018 16:14

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 59.8 89.8#





#16

Acetone

Concen: Below Cal

RT: 4.17 min Scan# 371

Delta R.T. 0.02 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_W

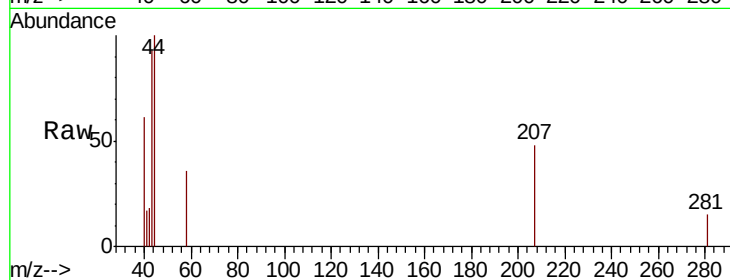
ClientSampleId :

Tot Ion: 43 Resp: 1159

Ion Ratio Lower Upper

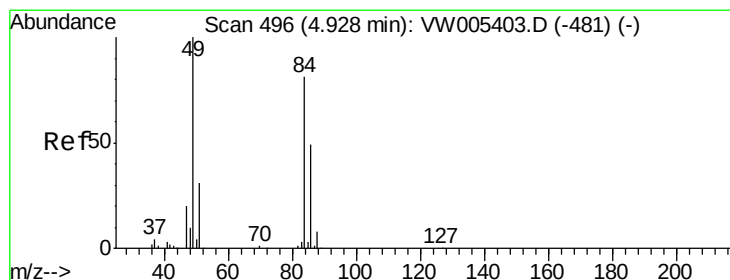
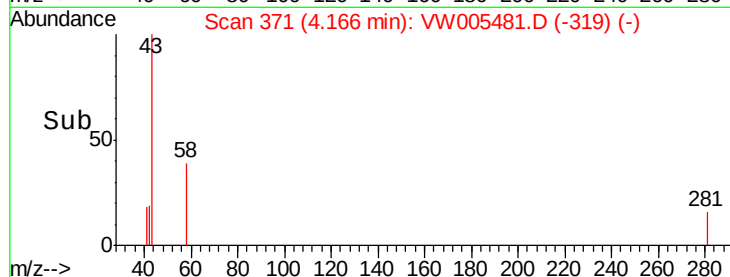
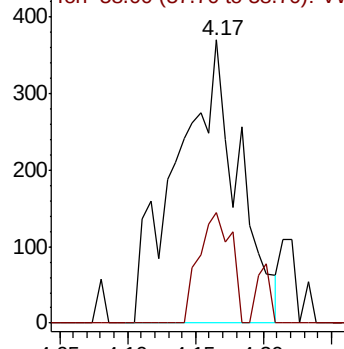
43 100

58 38.9 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 4.558 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.00 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

Tgt Ion: 84 Resp: 28131

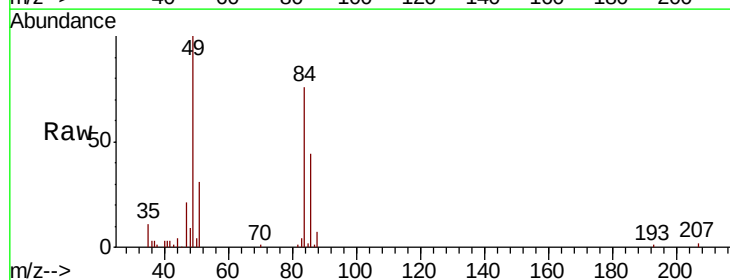
Ion Ratio Lower Upper

84 100

49 131.3 99.3 148.9

51 40.8 31.1 46.7

86 57.5 49.1 73.7

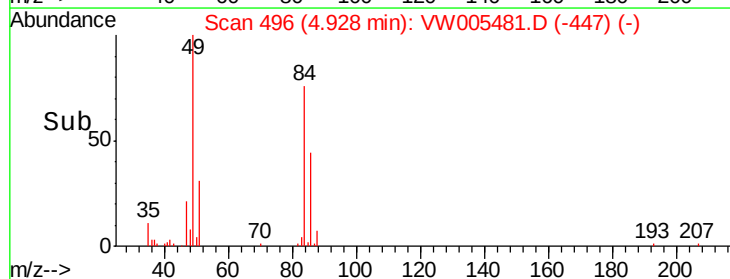
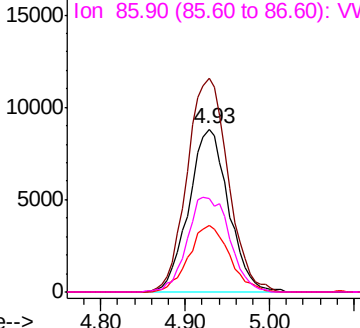


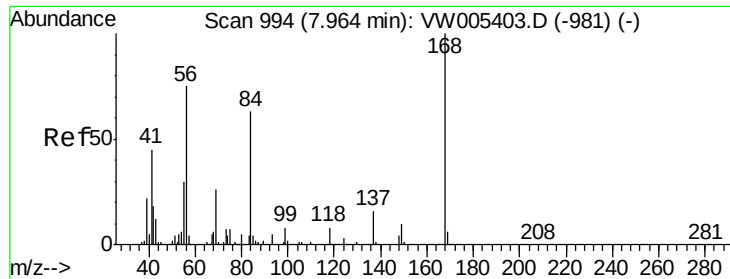
Abundance Ion 83.90 (83.60 to 84.60): VW

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

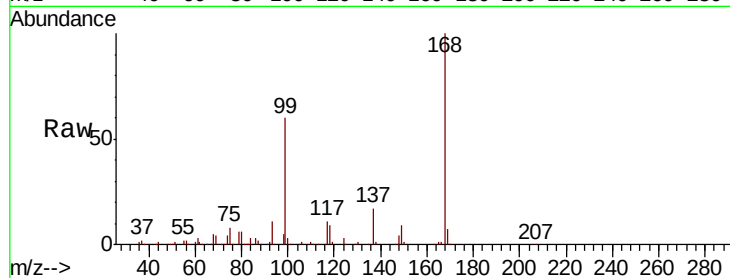




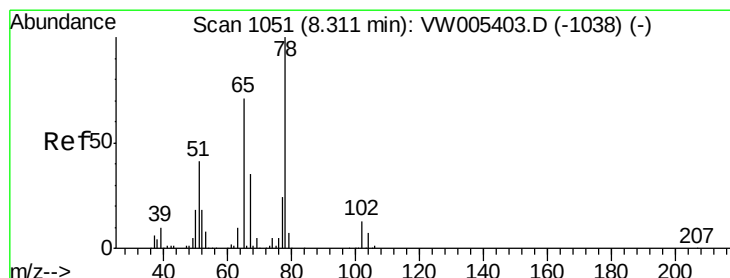
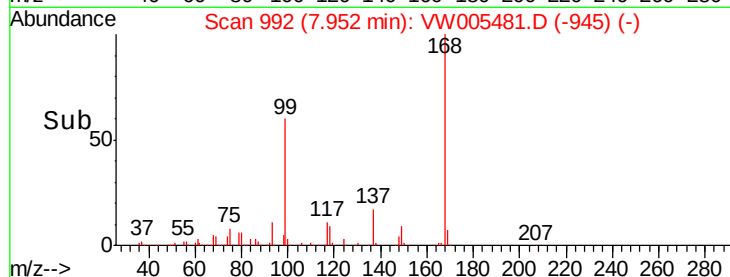
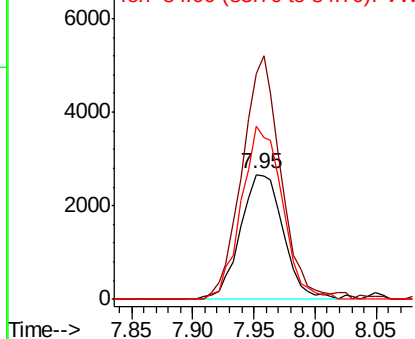
#31
Cyclohexane
Concen: 1.401 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005481.D
Acq: 18 Sep 2018 16:14

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 6485
Ion Ratio Lower Upper
56 100
69 180.9 27.2 40.8#
84 138.3 66.7 100.1#

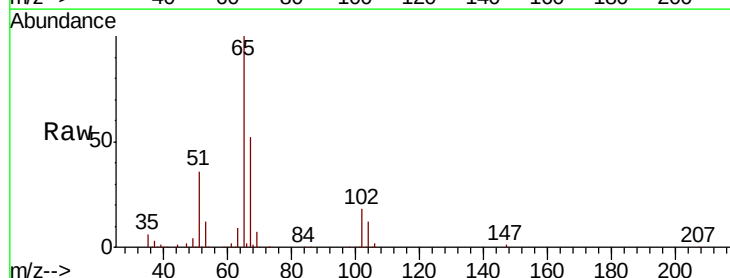


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

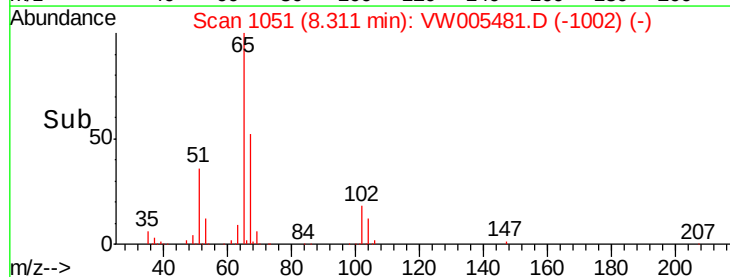
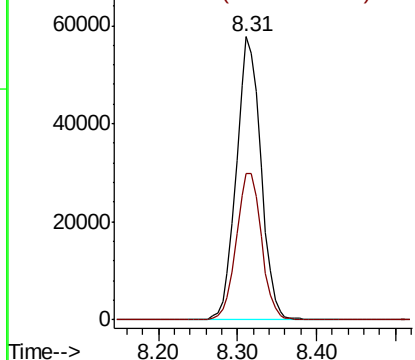


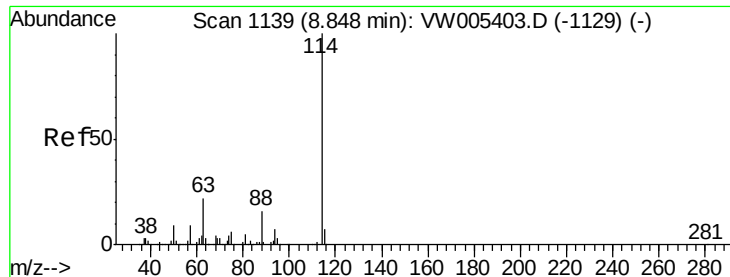
#33
1,2-Dichloroethane-d4
Concen: 43.109 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005481.D
Acq: 18 Sep 2018 16:14

Tgt Ion: 65 Resp: 125053
Ion Ratio Lower Upper
65 100
67 53.3 0.0 100.6



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

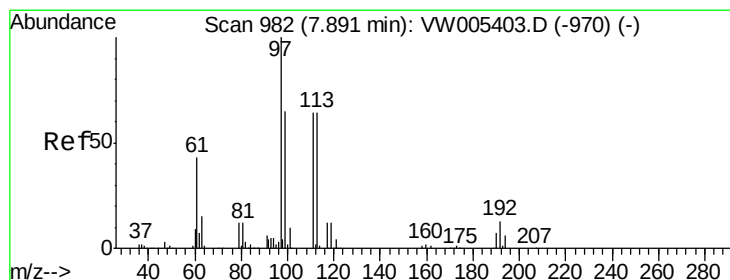
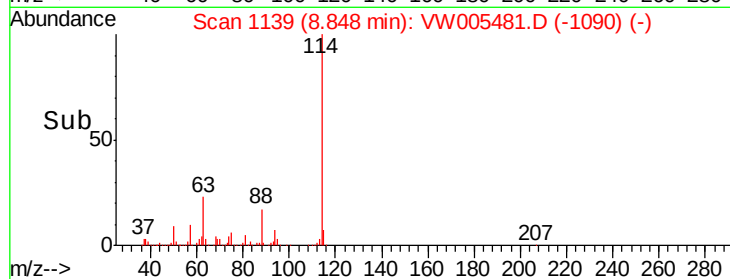
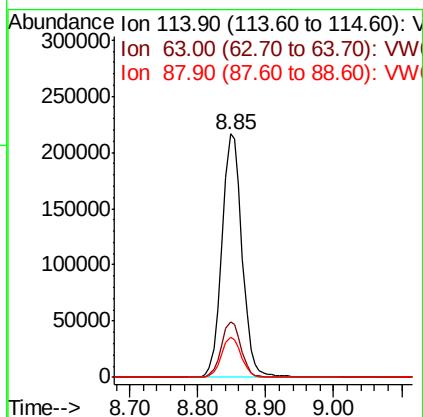
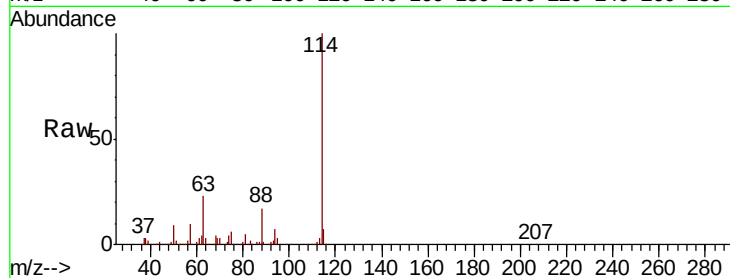




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW005481.D
Acq: 18 Sep 2018 16:14

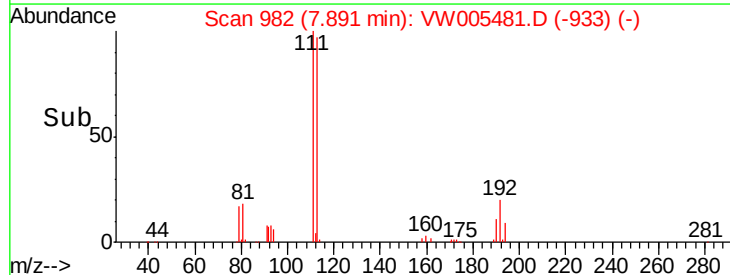
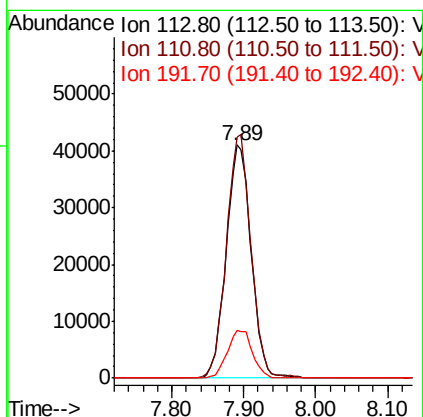
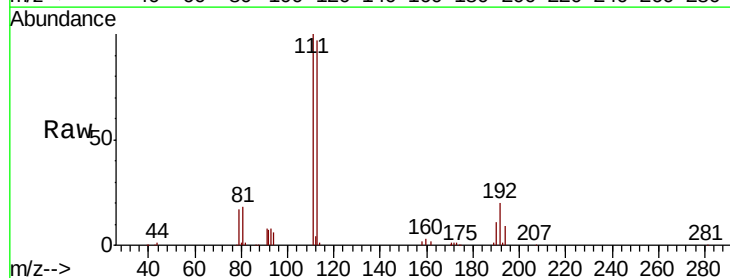
Instrument :
MSVOA_W
ClientSampleId :

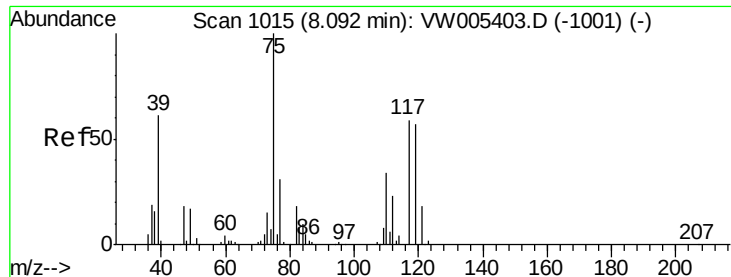
Tot Ion:114 Resp: 444678
Ion Ratio Lower Upper
114 100
63 22.8 0.0 43.4
88 16.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 39.719 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW005481.D
Acq: 18 Sep 2018 16:14

Tgt Ion:113 Resp: 99028
Ion Ratio Lower Upper
113 100
111 102.6 82.3 123.5
192 20.7 16.5 24.7

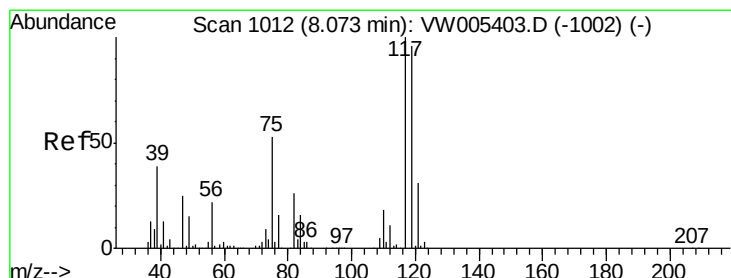
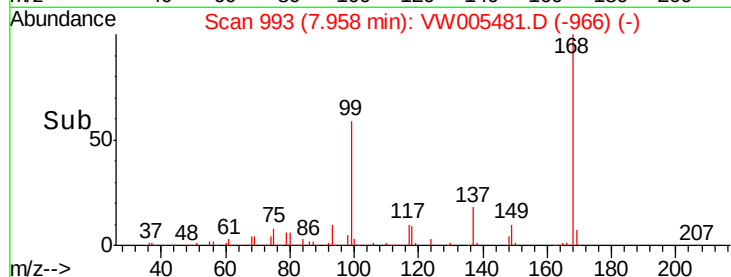
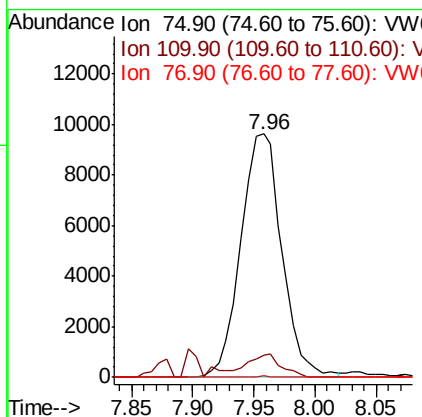
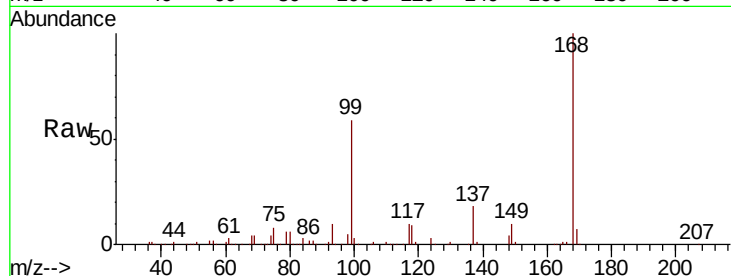




#36
 1,1-Dichloropropene
 Concen: 5.328 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005481.D
 Acq: 18 Sep 2018 16:14

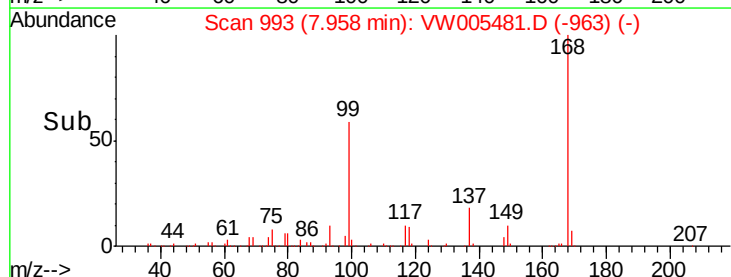
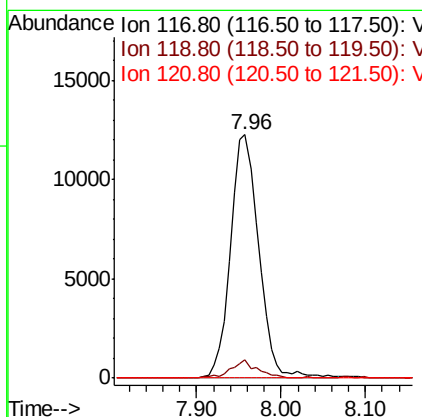
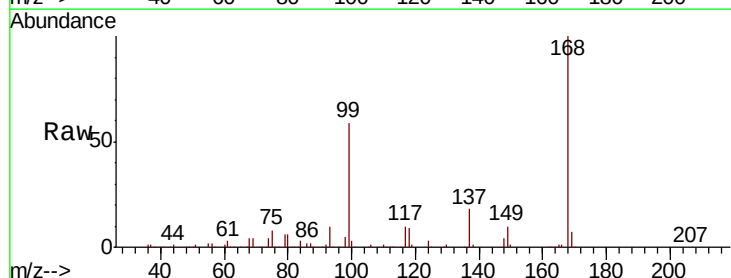
Instrument :
 MSVOA_W
 ClientSampled :

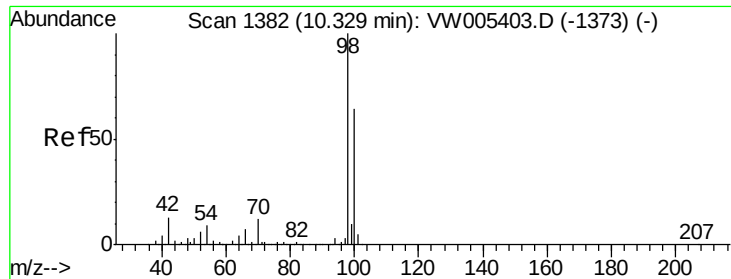
Tot Ion	75	Resp	22421
Ion Ratio	Lower	Upper	
75	100		
110	8.1	16.8	50.4#
77	0.1	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 6.336 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005481.D
 Acq: 18 Sep 2018 16:14

Tgt Ion	117	Resp	27783
Ion Ratio	Lower	Upper	
117	100		
119	7.7	76.8	115.2#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 35.908 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_W

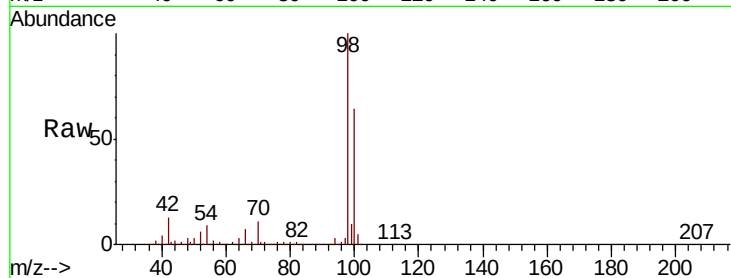
ClientSampled :

Tot Ion: 98 Resp: 409994

Ion Ratio Lower Upper

98 100

100 63.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

250000

200000

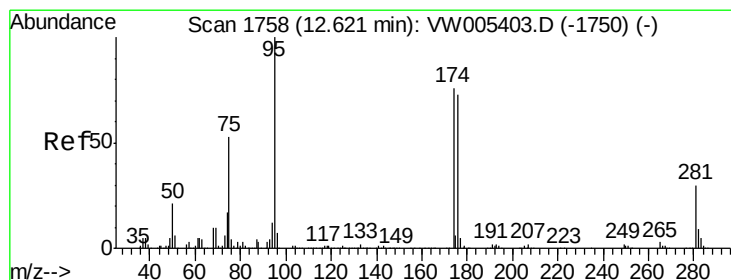
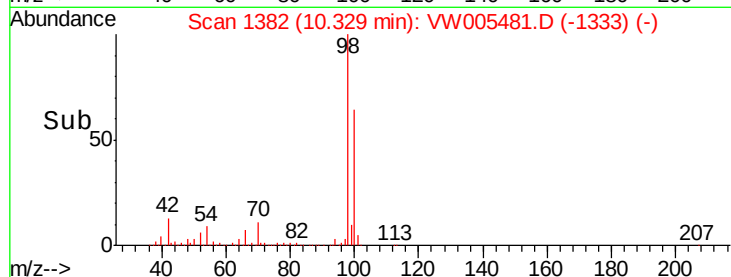
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 35.608 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

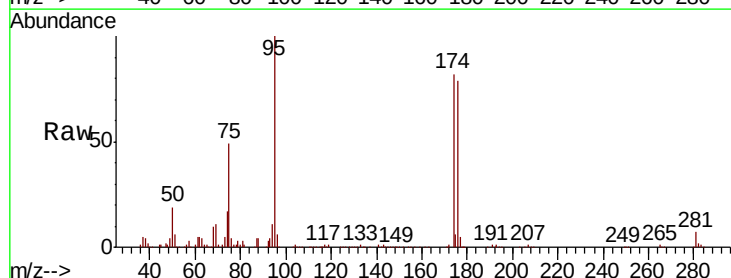
Tgt Ion: 95 Resp: 149076

Ion Ratio Lower Upper

95 100

174 80.0 0.0 161.2

176 76.7 0.0 156.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.63

120000

100000

80000

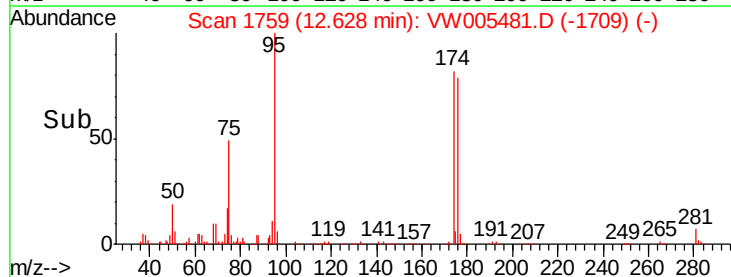
60000

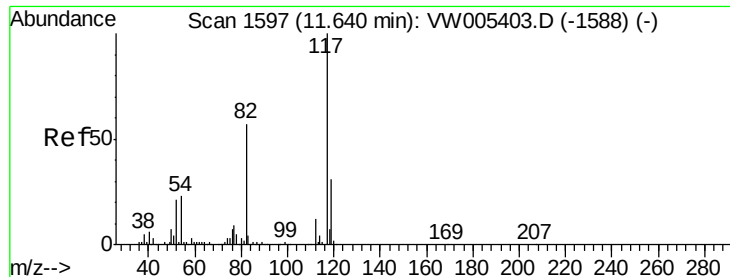
40000

20000

0

Time--> 12.60 12.70





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1597

Delta R.T. 0.00 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_W

ClientSampleId :

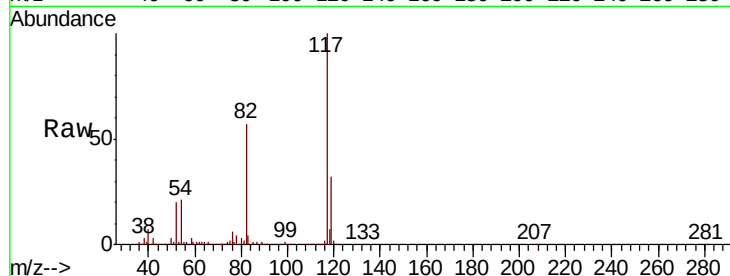
Tot Ion:117 Resp: 425444

Ion Ratio Lower Upper

117 100

82 56.9 45.9 68.9

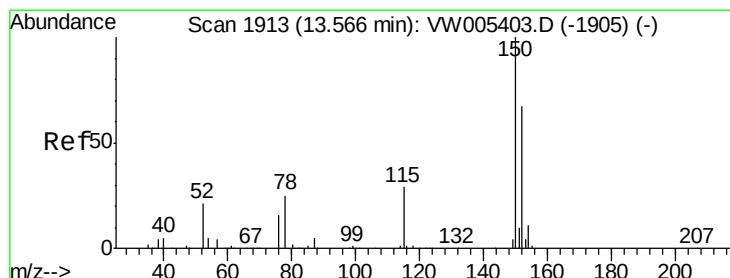
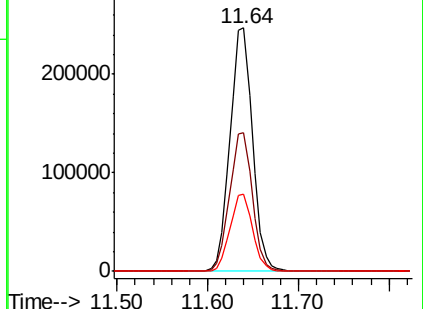
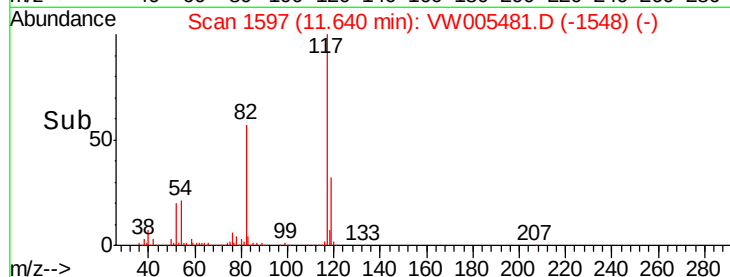
119 31.9 24.8 37.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

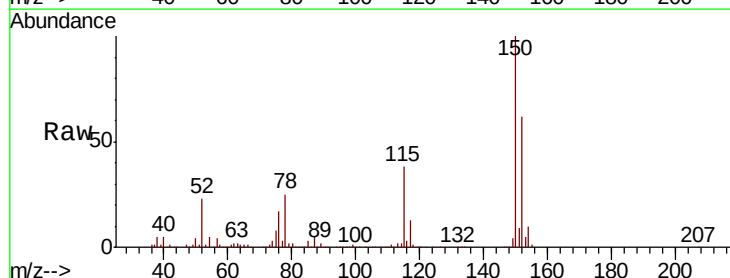
Tgt Ion:152 Resp: 200870

Ion Ratio Lower Upper

152 100

115 59.2 29.5 88.5

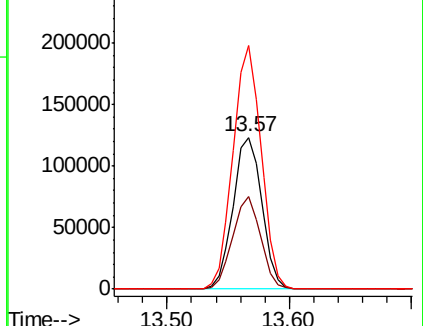
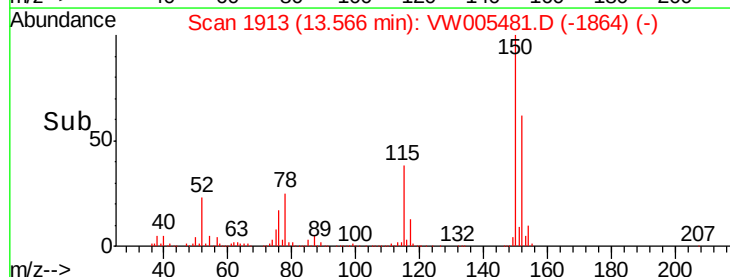
150 157.4 0.0 345.6

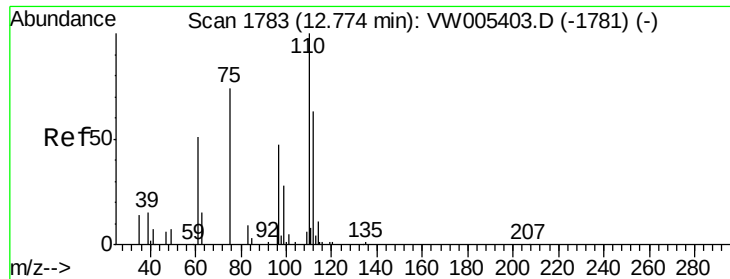


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 46.114 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_W

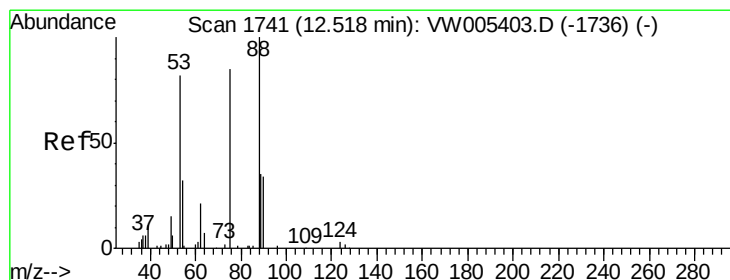
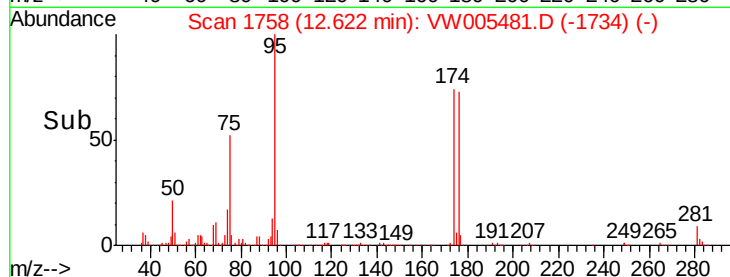
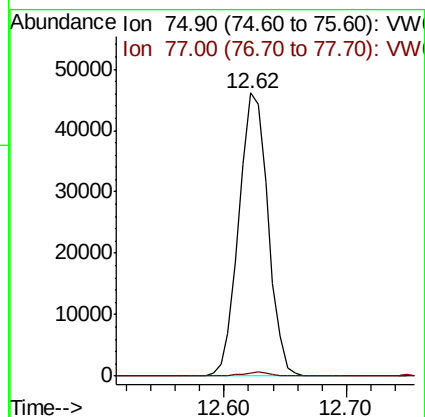
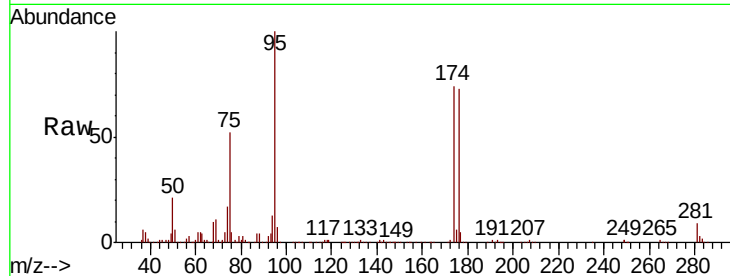
ClientSampled :

Tot Ion: 75 Resp: 76186

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.624 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005481.D

Acq: 18 Sep 2018 16:14

Tgt Ion: 75 Resp: 76186

Ion Ratio Lower Upper

75 100

53 0.2 83.2 124.8#

89 0.2 36.6 54.8#

