

Data File : VW008193.D
Acq On : 11 Jan 2019 14:46
Operator : SY/VA
Sample : VW0111SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBL01

Quant Time: Jan 12 00:07:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	92951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	165621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67388	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54170	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	51100	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	10.32	98	208094	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.62	95	68782	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

Target Compounds

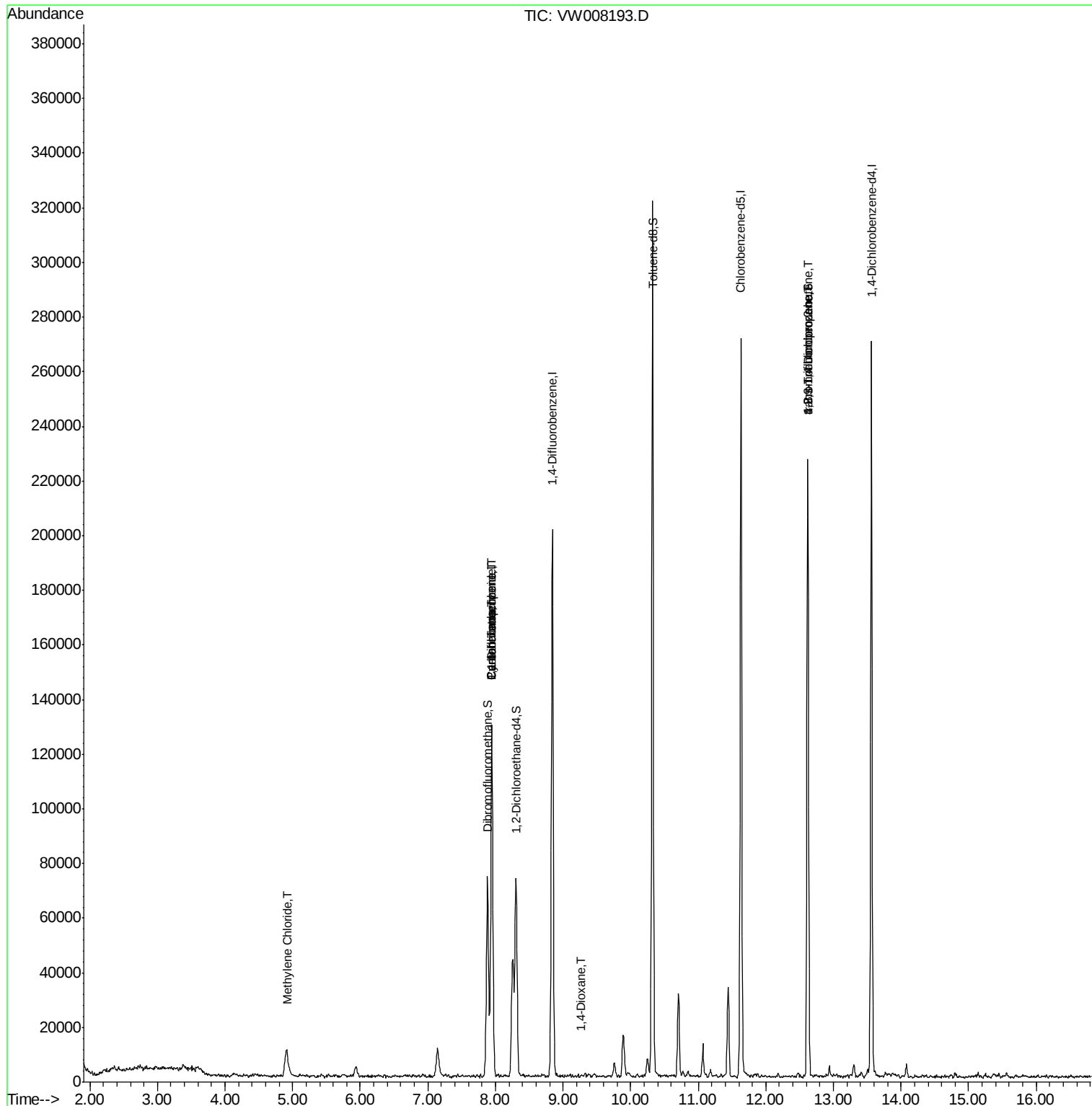
						Qvalue
11) Tert butyl alcohol	5.22	59	174	Below Cal	#	100
13) Acrolein	3.88	56	103	Below Cal	#	73
16) Acetone	4.14	43	2018	Below Cal	#	74
20) Methylene Chloride	4.92	84	7742	3.008	ug/l #	83
31) Cyclohexane	7.94	56	2233	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	8234	4.826	ug/l #	42
38) Carbon Tetrachloride	7.94	117	9924	6.355	ug/l #	17
49) 1,4-Dioxane	9.26	88	21	2.317	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	34196	55.665	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	34196	129.627	ug/l #	11

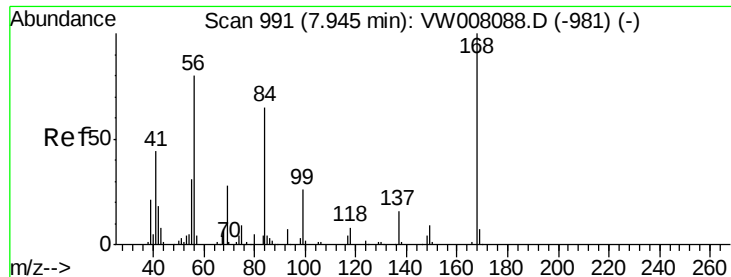
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

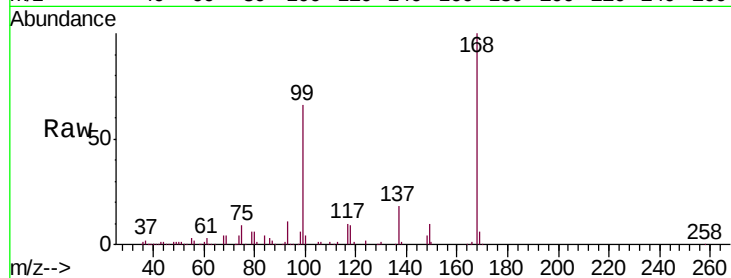
VW0111SBL01

Tgt Ion:168 Resp: 92951

Ion Ratio Lower Upper

168 100

99 65.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

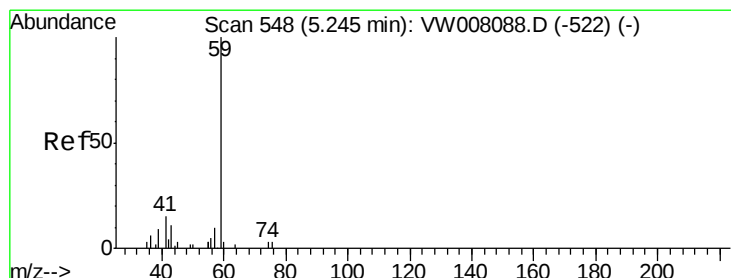
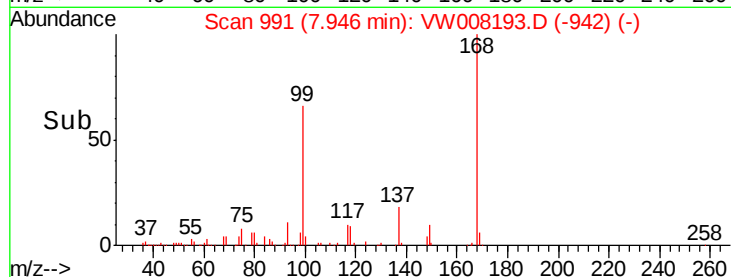
20000

10000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.22 min Scan# 544

Delta R.T. -0.02 min

Lab File: VW008193.D

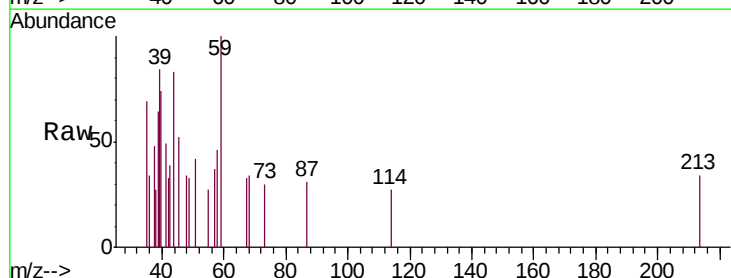
Acq: 11 Jan 2019 14:46

Tgt Ion: 59 Resp: 174

Ion Ratio Lower Upper

59 100

57 78.7 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.22

250

200

150

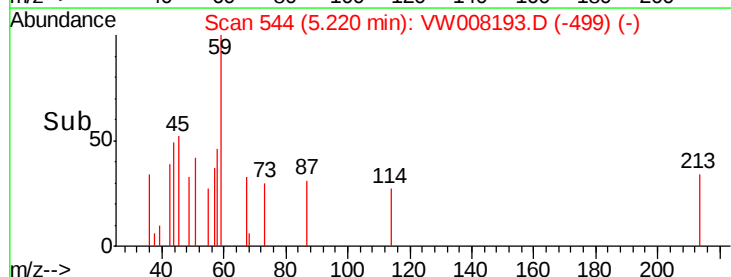
100

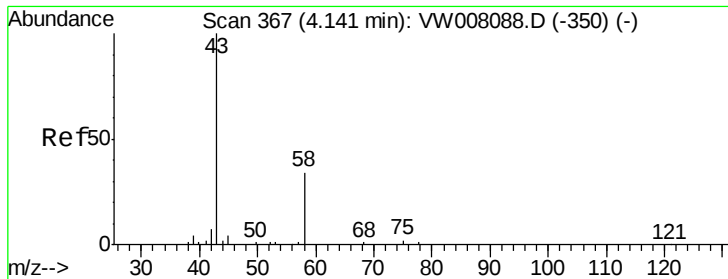
50

0

5.20 5.22 5.24 5.26

Time-->

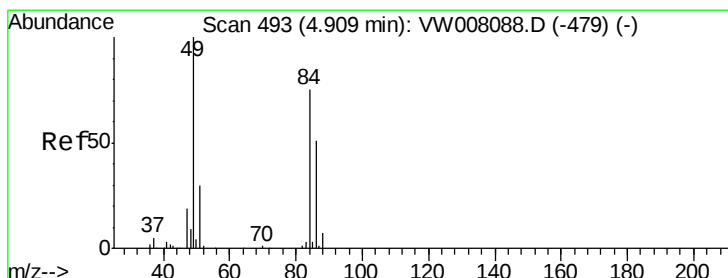
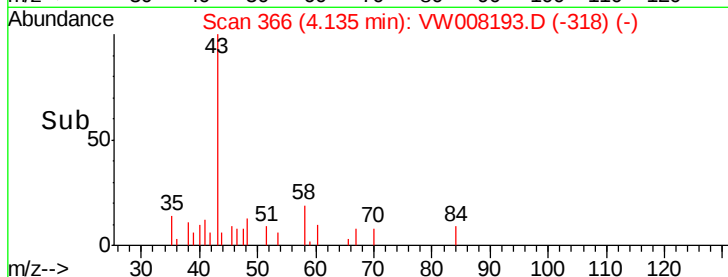
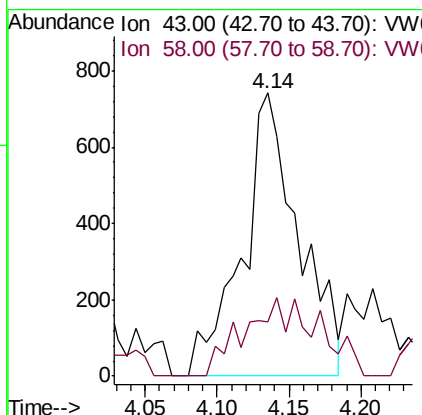
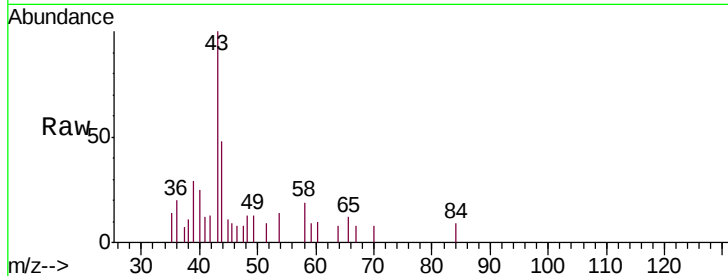




#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW008193.D
Acq: 11 Jan 2019 14:46

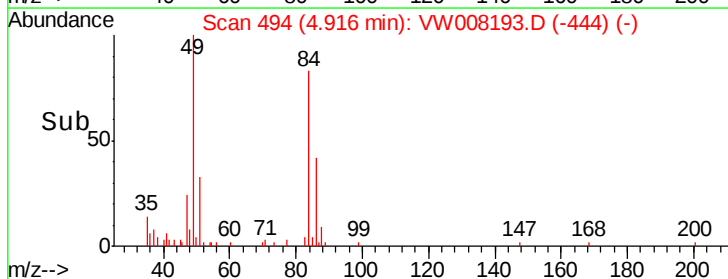
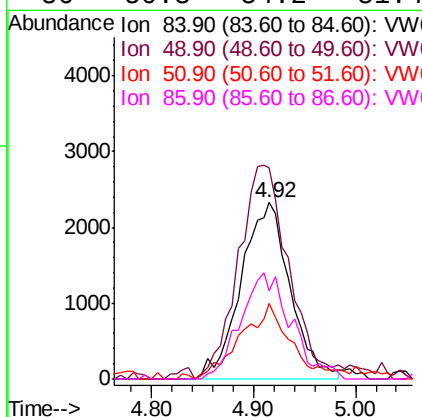
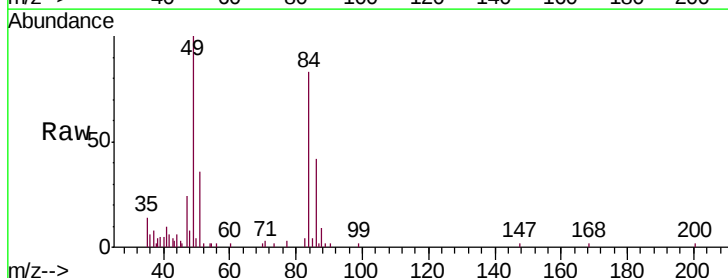
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBL01

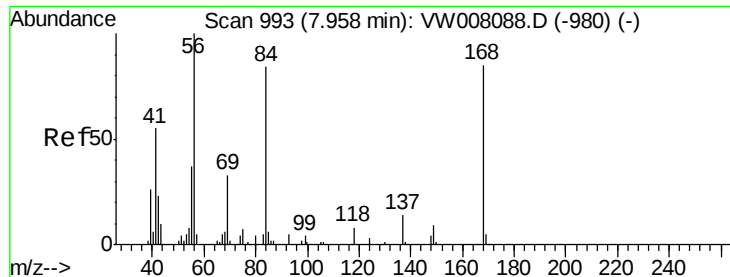
Tgt Ion: 43 Resp: 2018
Ion Ratio Lower Upper
43 100
58 19.3 27.5 41.3#



#20
Methylene Chloride
Concen: 3.008 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008193.D
Acq: 11 Jan 2019 14:46

Tgt Ion: 84 Resp: 7742
Ion Ratio Lower Upper
84 100
49 113.0 107.1 160.7
51 37.9 32.4 48.6
86 50.3 54.2 81.4#

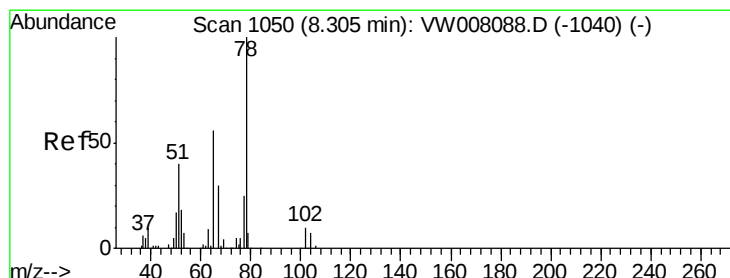
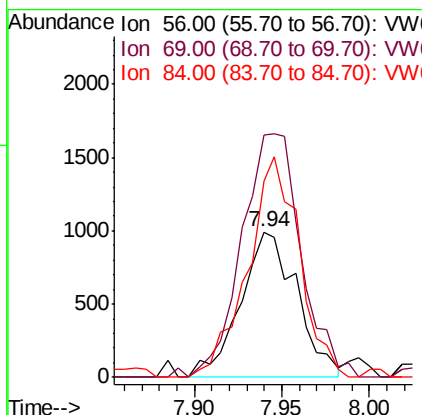
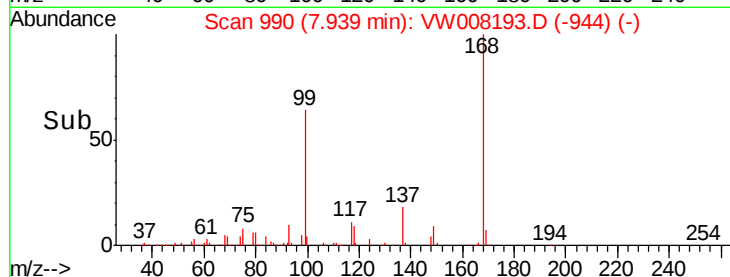
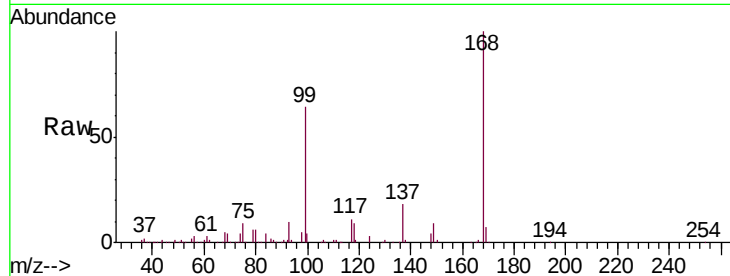




#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW008193.D
Acq: 11 Jan 2019 14:46

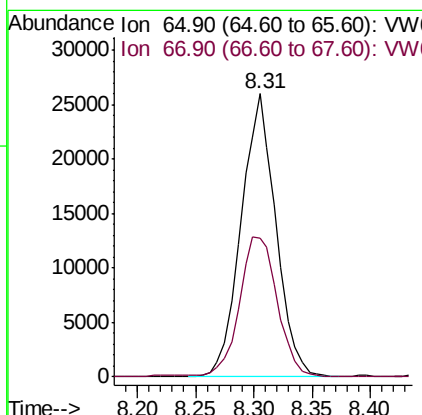
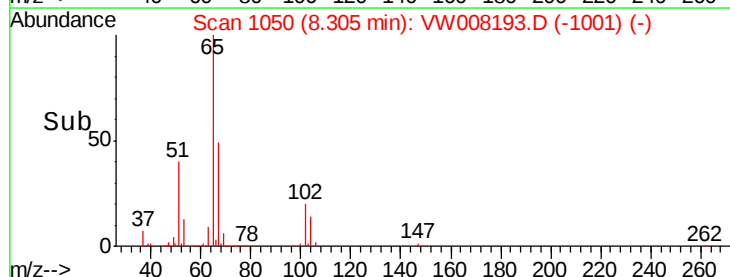
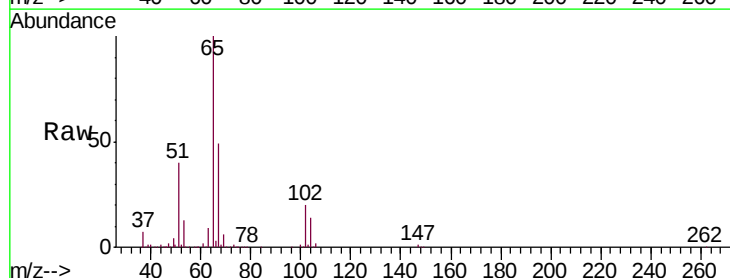
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBL01

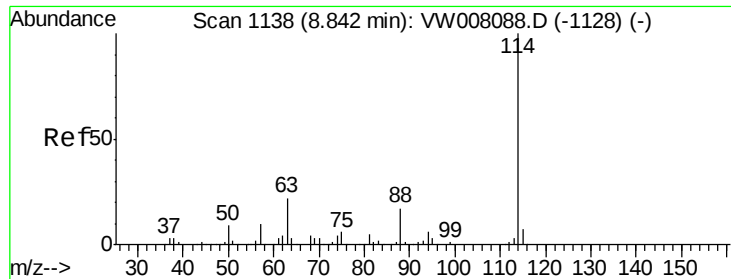
Tgt Ion: 56 Resp: 2233
Ion Ratio Lower Upper
56 100
69 166.4 26.2 39.4#
84 134.6 67.4 101.2#



#33
1,2-Dichloroethane-d4
Concen: 51.853 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008193.D
Acq: 11 Jan 2019 14:46

Tgt Ion: 65 Resp: 54170
Ion Ratio Lower Upper
65 100
67 54.8 0.0 106.8

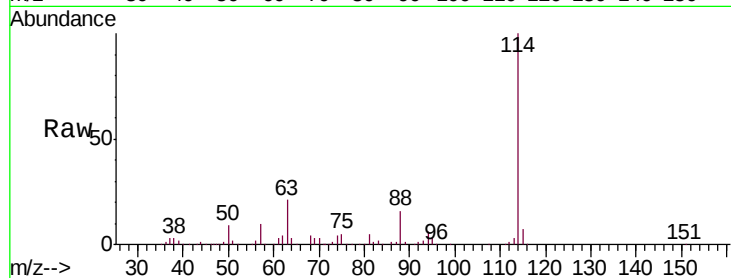




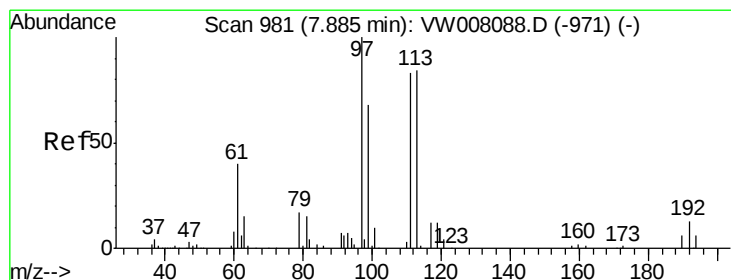
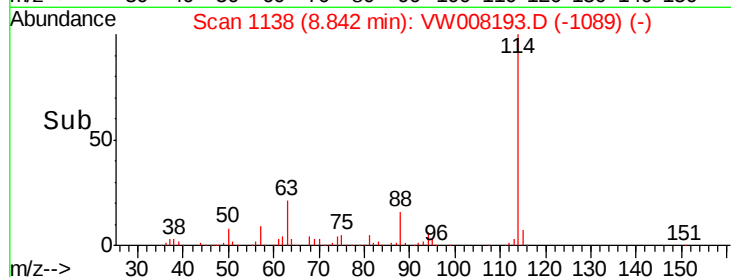
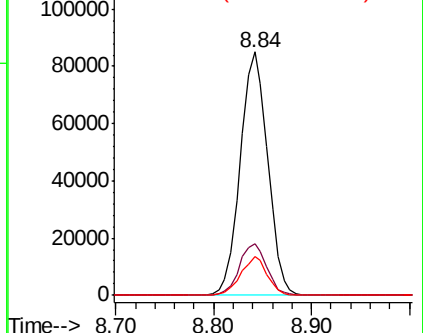
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008193.D
 Acq: 11 Jan 2019 14:46

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBL01

Tgt Ion:114 Resp: 165621
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.4
 88 16.1 0.0 33.4

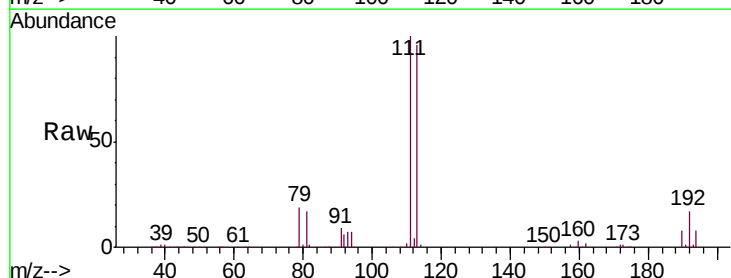


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

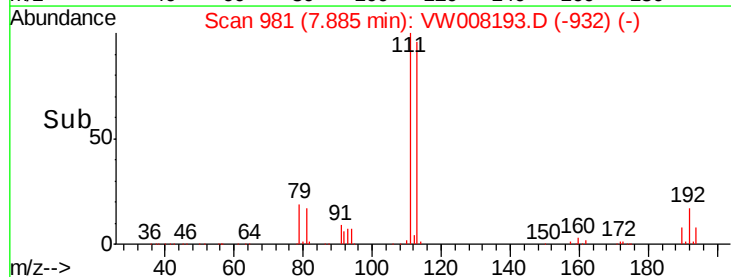
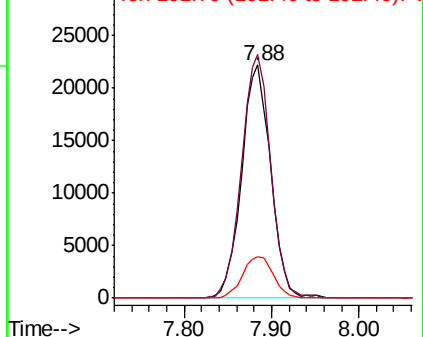


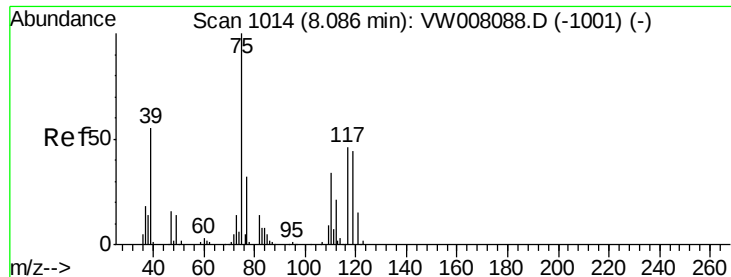
#35
 Dibromofluoromethane
 Concen: 52.900 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008193.D
 Acq: 11 Jan 2019 14:46

Tgt Ion:113 Resp: 51100
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.8 122.8
 192 19.0 12.8 19.2



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

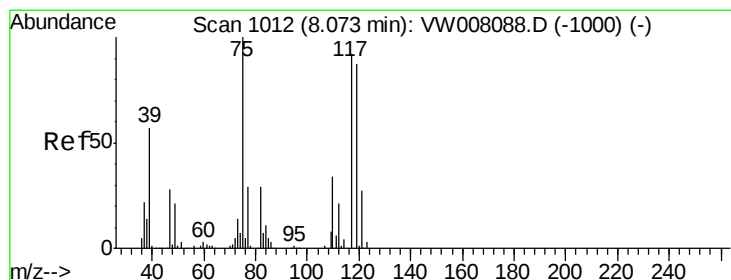
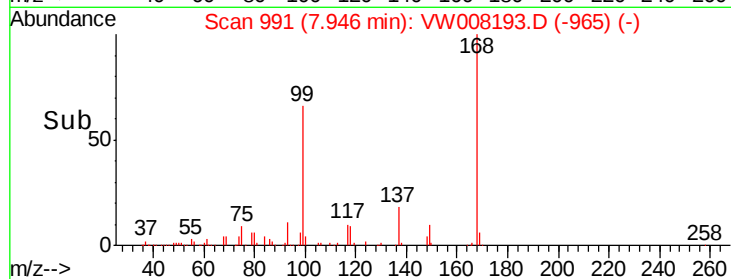
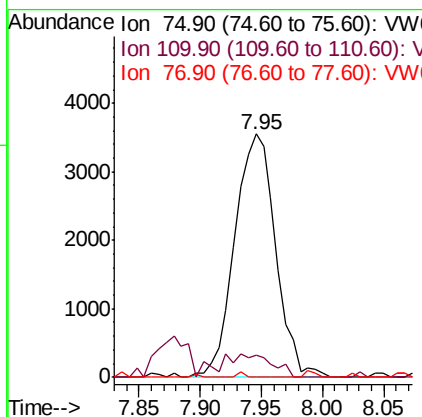
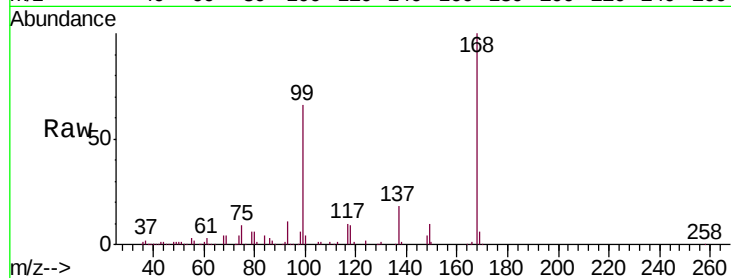




#36
 1,1-Dichloropropene
 Concen: 4.826 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW008193.D
 Acq: 11 Jan 2019 14:46

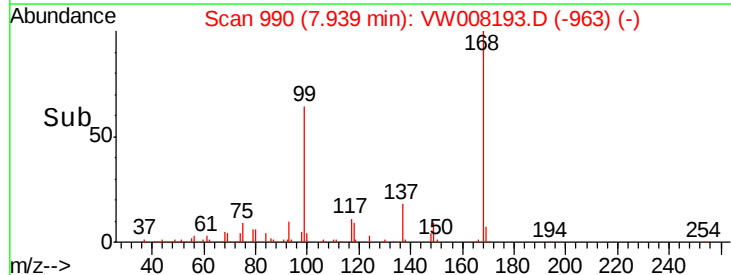
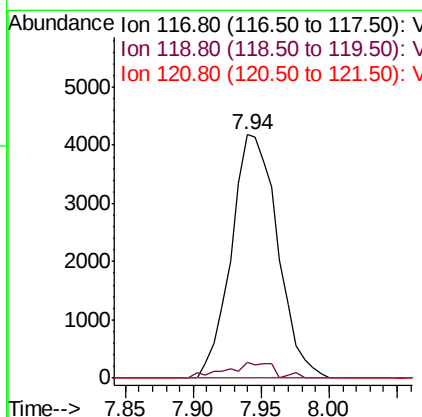
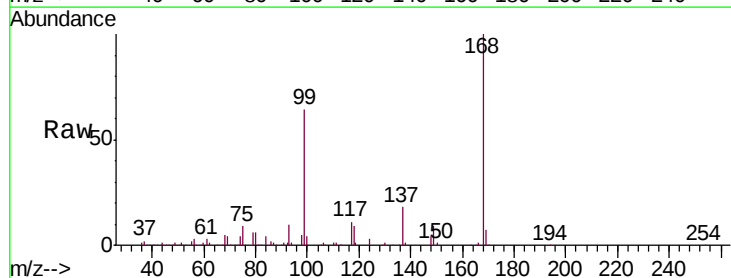
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBL01

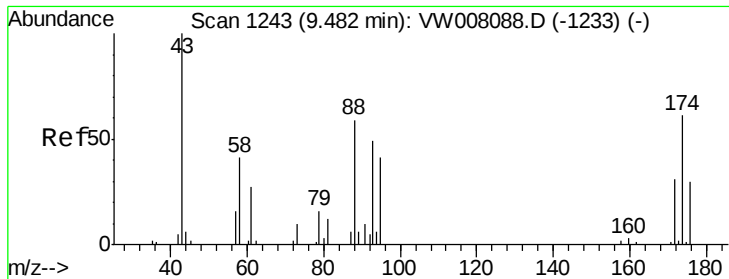
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.3#
77	0.0	25.5	38.3#



#38
 Carbon Tetrachloride
 Concen: 6.355 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW008193.D
 Acq: 11 Jan 2019 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	75.8	113.8#
121	0.0	23.7	35.5#





#49

1,4-Dioxane

Concen: 2.317 ug/l

RT: 9.26 min Scan# 1206

Delta R.T. -0.23 min

Lab File: VW008193.D

Acq: 11 Jan 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBL01

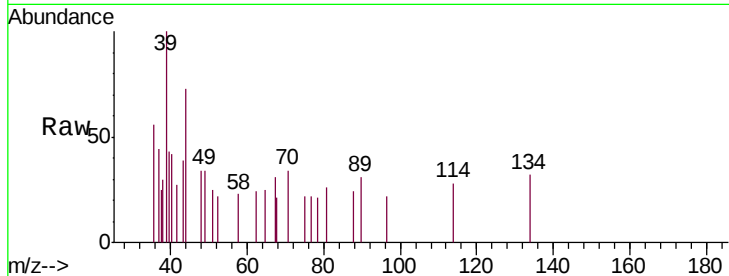
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

88 100

43 1547.6 0.0 0.0#

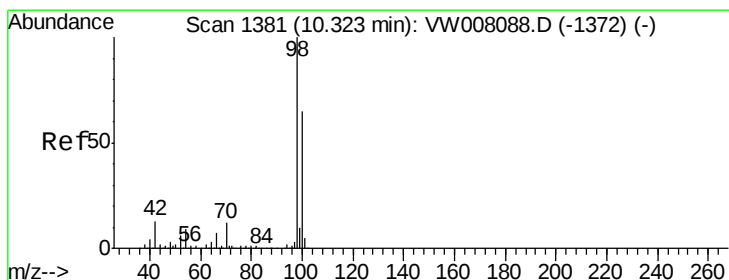
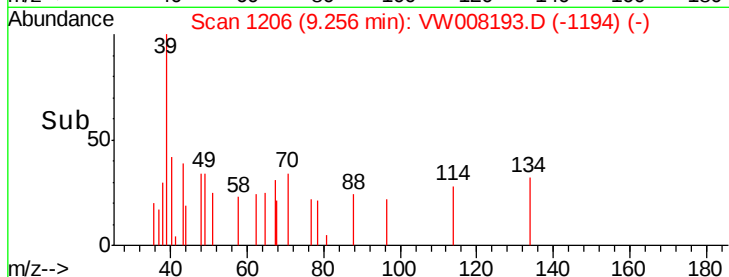
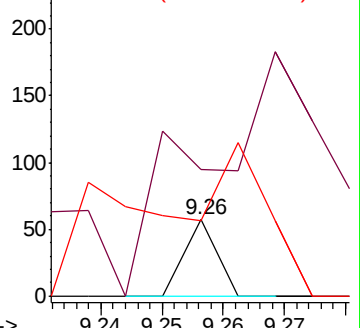
58 300.0 61.7 92.5#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 51.336 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008193.D

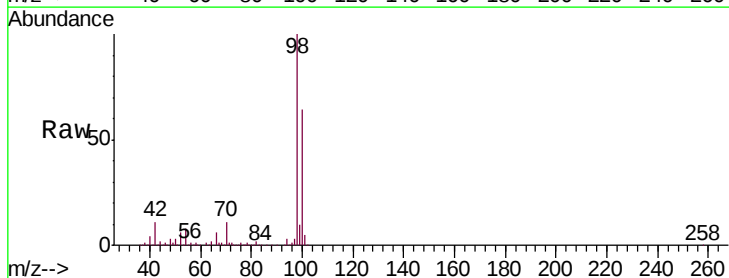
Acq: 11 Jan 2019 14:46

Tgt Ion: 98 Resp: 208094

Ion Ratio Lower Upper

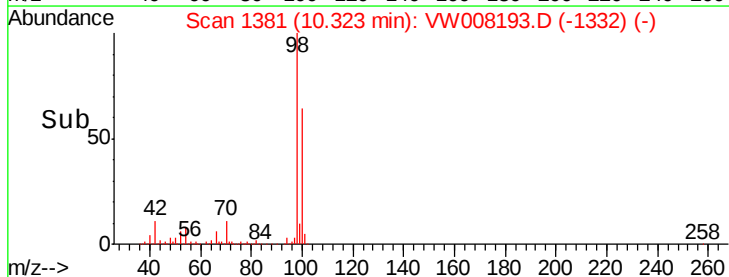
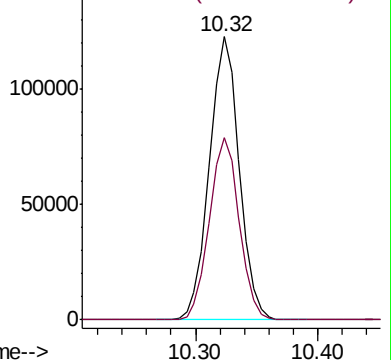
98 100

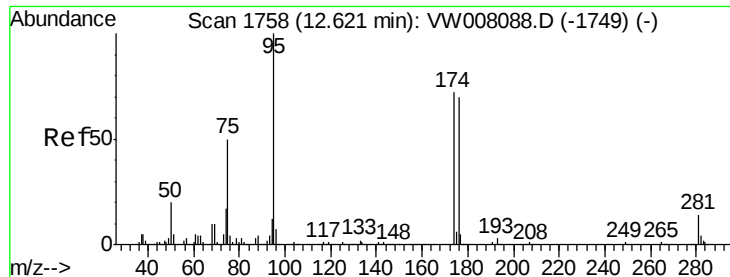
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

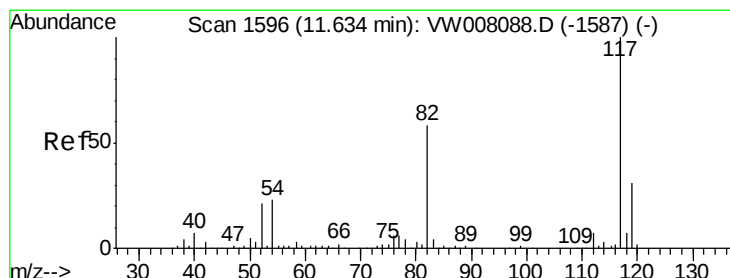
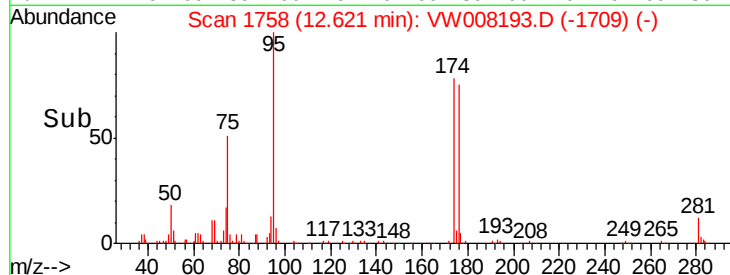
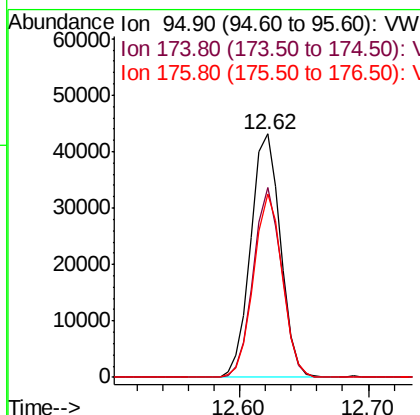
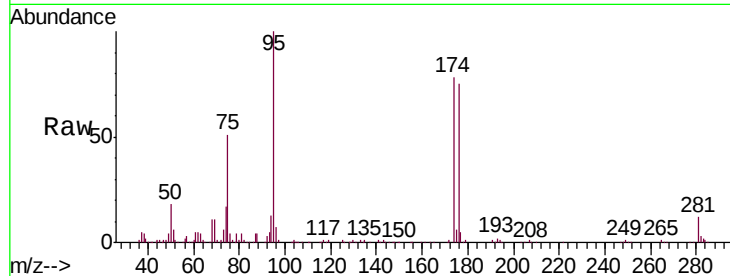




#62
4-Bromofluorobenzene
Concen: 47.332 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008193.D
Acq: 11 Jan 2019 14:46

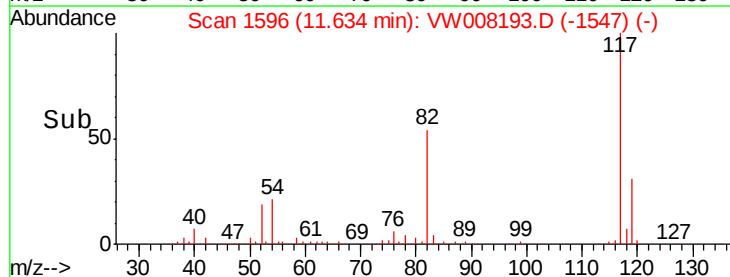
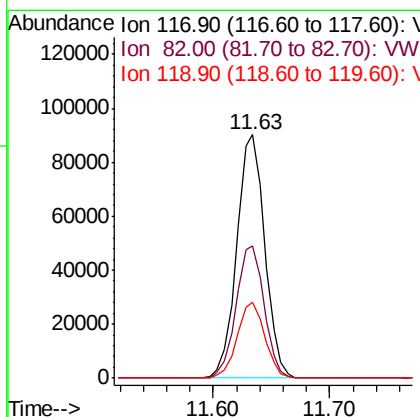
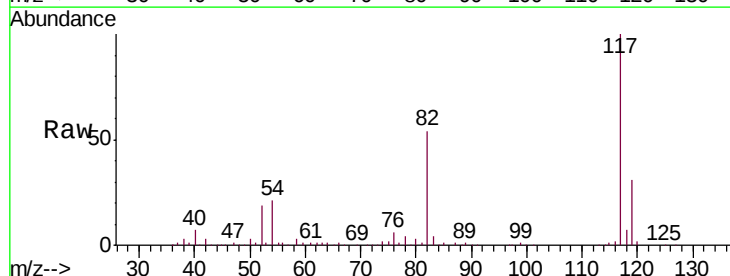
Instrument :
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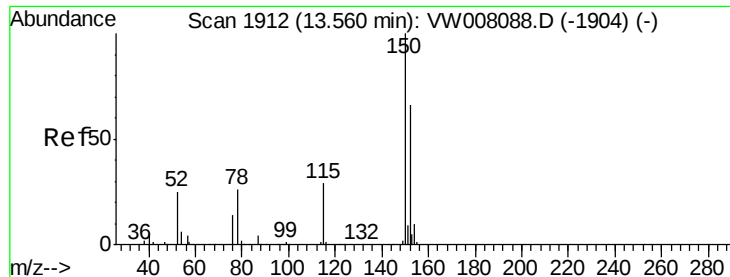
Tgt Ion: 95 Resp: 68782
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.0
176 72.5 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008193.D
Acq: 11 Jan 2019 14:46

Tgt Ion: 117 Resp: 150935
Ion Ratio Lower Upper
117 100
82 54.3 46.4 69.6
119 31.0 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008193.D

Acq: 11 Jan 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBL01

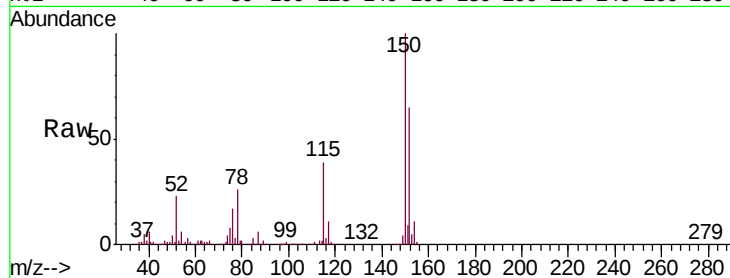
Tgt Ion:152 Resp: 67388

Ion Ratio Lower Upper

152 100

115 60.0 30.8 92.4

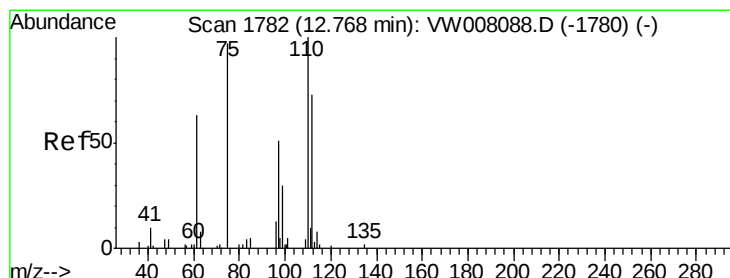
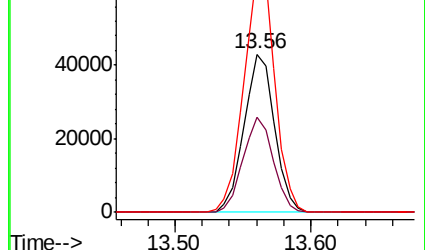
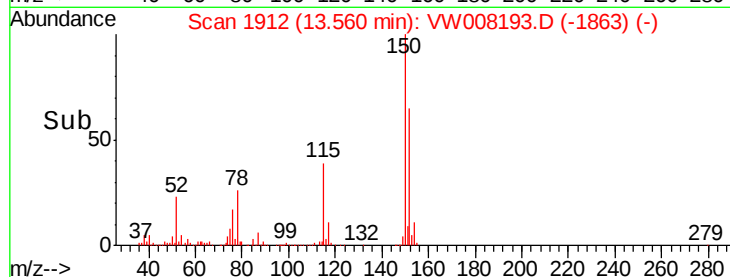
150 154.8 0.0 350.2



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: 55.665 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008193.D

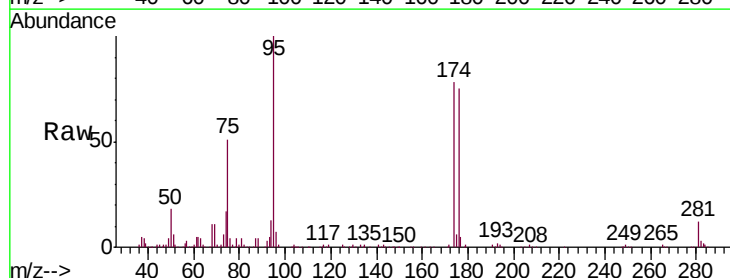
Acq: 11 Jan 2019 14:46

Tgt Ion: 75 Resp: 34196

Ion Ratio Lower Upper

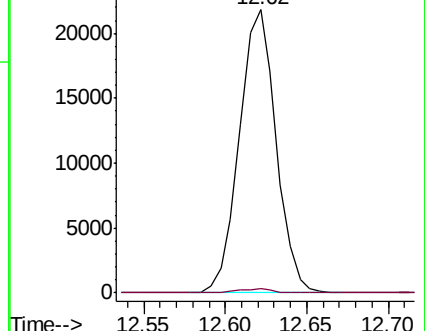
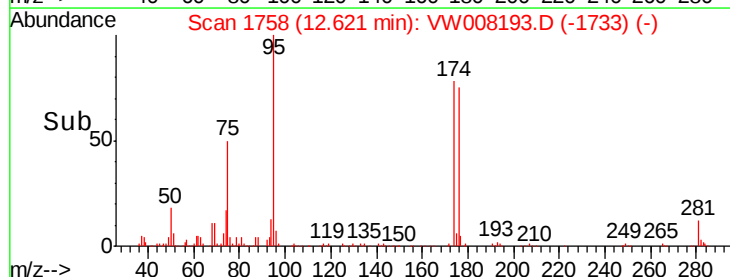
75 100

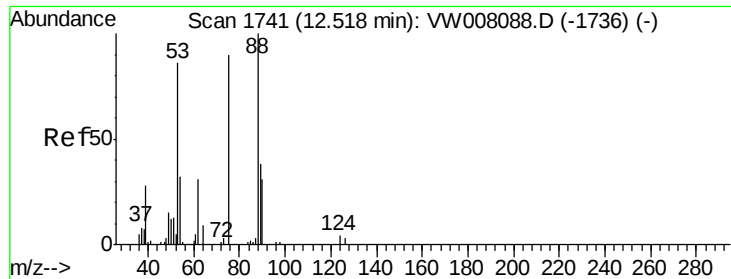
77 1.3 179.4 538.2#



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: 129.627 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW008193.D

Acq: 11 Jan 2019 14:46

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBL01

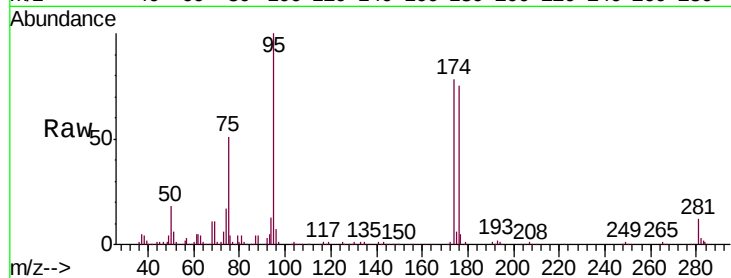
Tgt Ion: 75 Resp: 34196

Ion Ratio Lower Upper

75 100

53 0.6 78.8 118.2#

89 0.0 35.4 53.2#



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

