

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008861.D
 Acq On : 27 Feb 2019 18:09
 Operator : SY/VA
 Sample : K1638-03
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 28 07:03:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	529659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	468595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	230232	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	193516	59.79	ug/l	0.00
Spiked Amount			Recovery	=	119.58%	
35) Dibromofluoromethane	7.88	113	166858	52.47	ug/l	0.00
Spiked Amount			Recovery	=	104.94%	
50) Toluene-d8	10.32	98	631285	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	217753	45.30	ug/l	0.00
Spiked Amount			Recovery	=	90.60%	

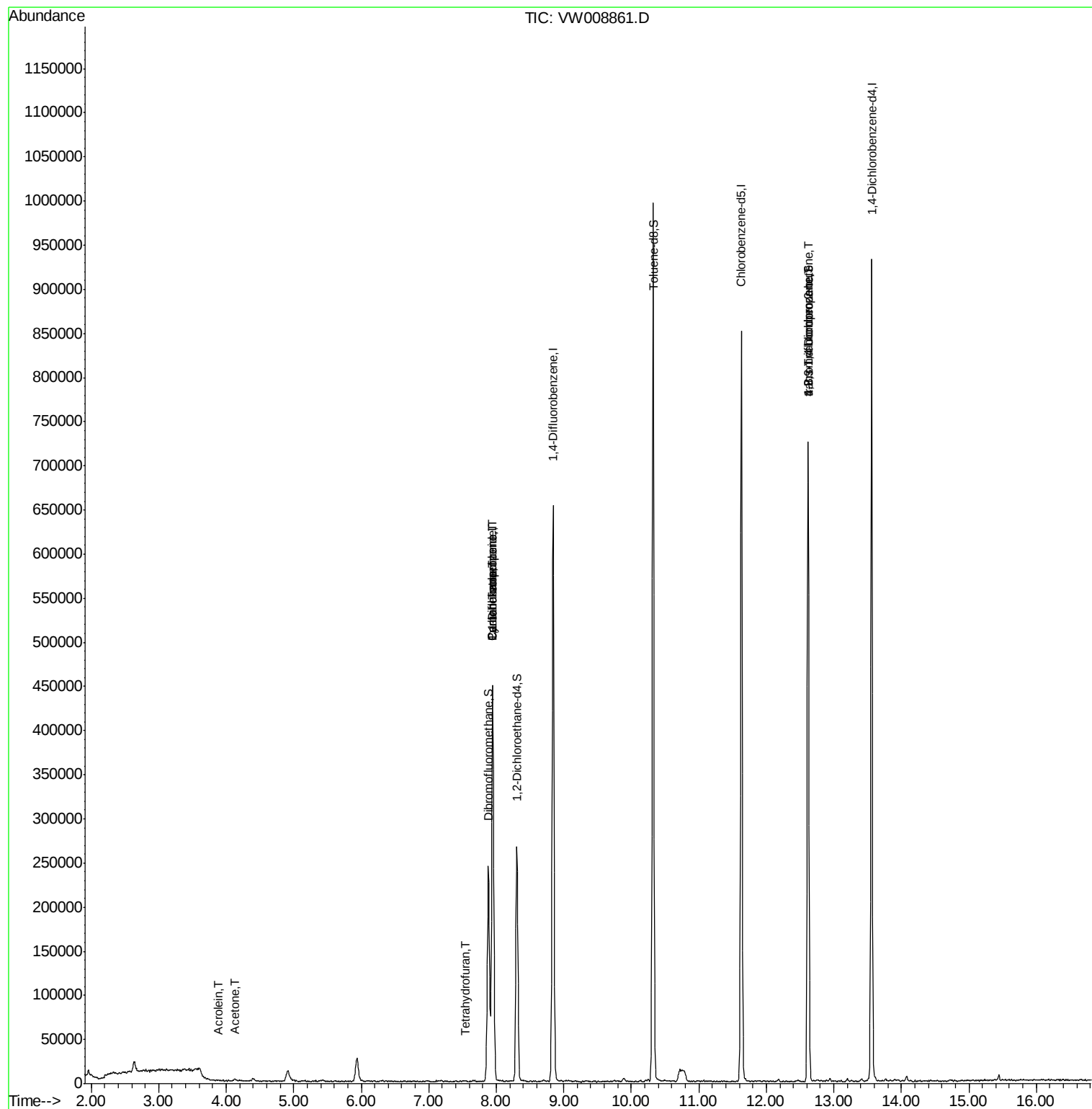
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.87	56	181	20.328	ug/l #	14
16) Acetone	4.13	43	3658	4.876	ug/l #	83
20) Methylene Chloride	4.90	84	8917	Below Cal	#	72
29) Tetrahydrofuran	7.54	42	896	1.340	ug/l #	45
31) Cyclohexane	7.95	56	8390	1.375	ug/l #	48
36) 1,1-Dichloropropene	7.95	75	26348	5.110	ug/l #	51
38) Carbon Tetrachloride	7.95	117	32399	5.959	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	114711	60.347	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	114711	146.707	ug/l #	6

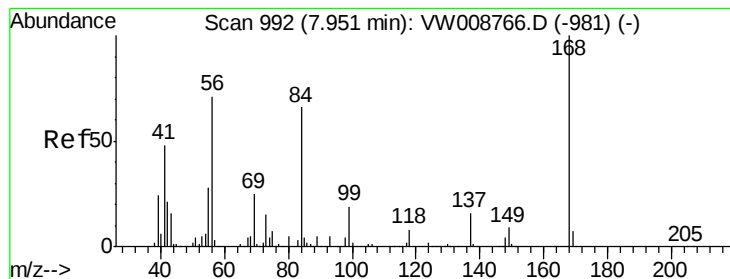
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008861.D

Acq: 27 Feb 2019 18:09

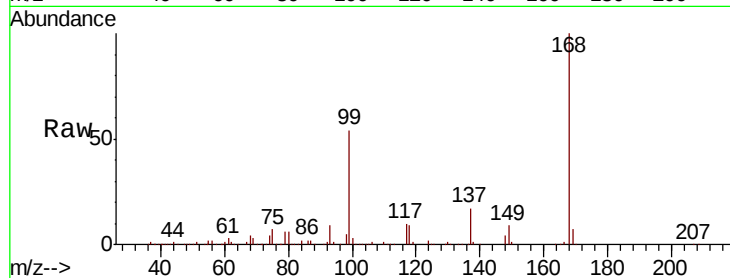
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 345095

Ion Ratio Lower Upper

168 100

99 54.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

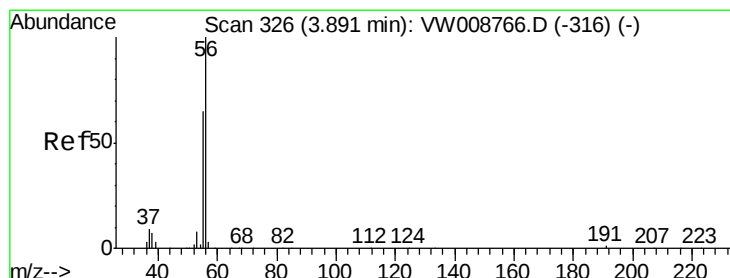
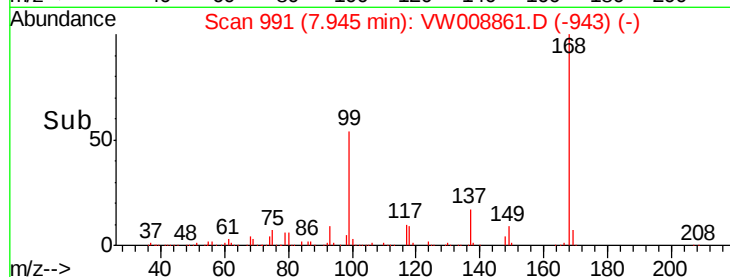
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 20.328 ug/l

RT: 3.87 min Scan# 323

Delta R.T. -0.02 min

Lab File: VW008861.D

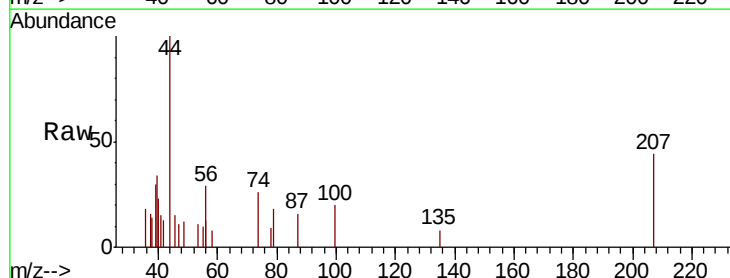
Acq: 27 Feb 2019 18:09

Tgt Ion: 56 Resp: 181

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW

3.87

400

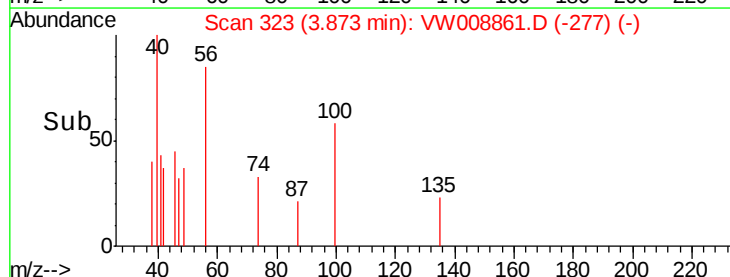
300

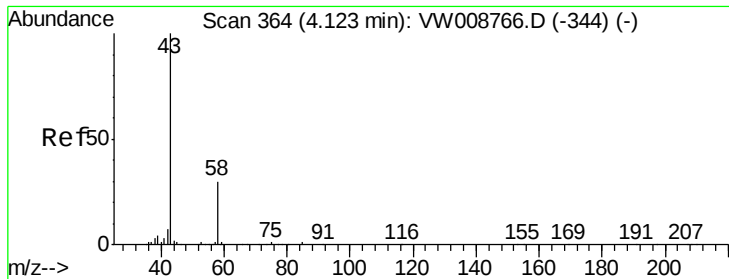
200

100

0

Time-->

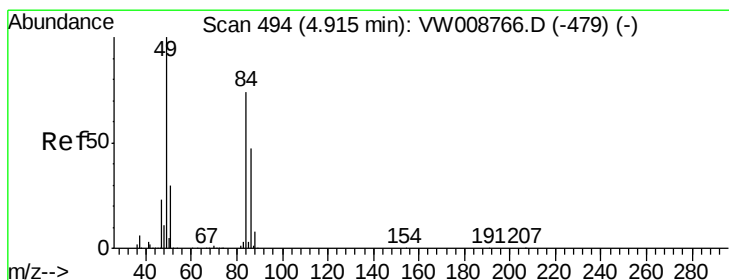
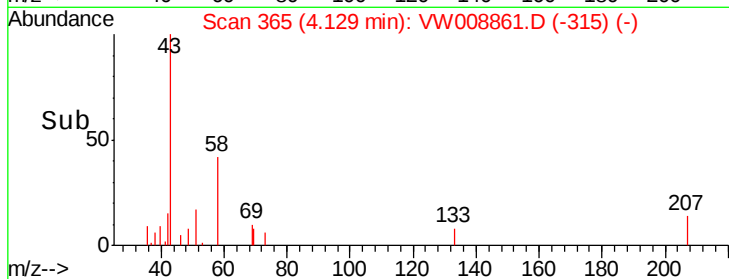
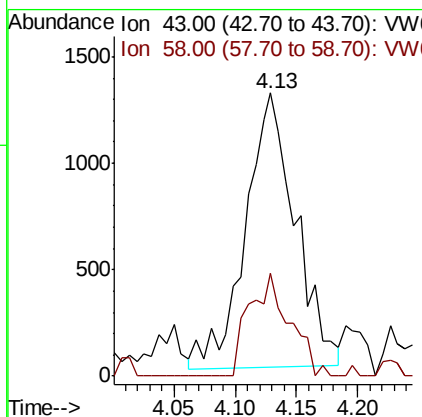
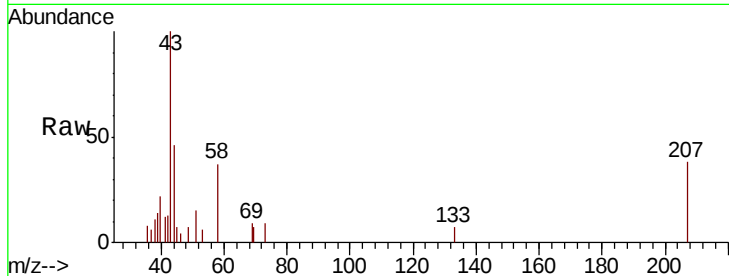




#16
Acetone
Concen: 4.876 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008861.D
Acq: 27 Feb 2019 18:09

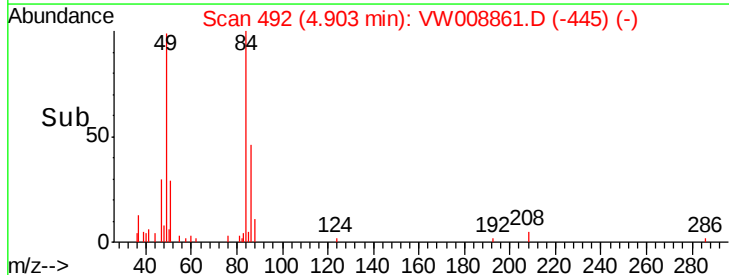
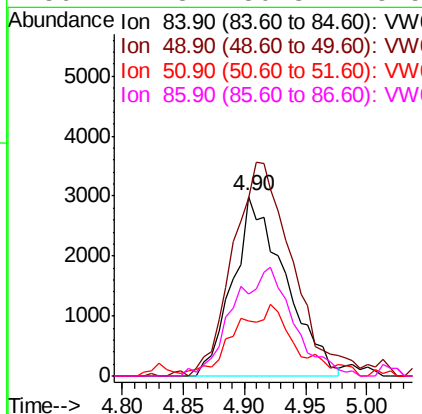
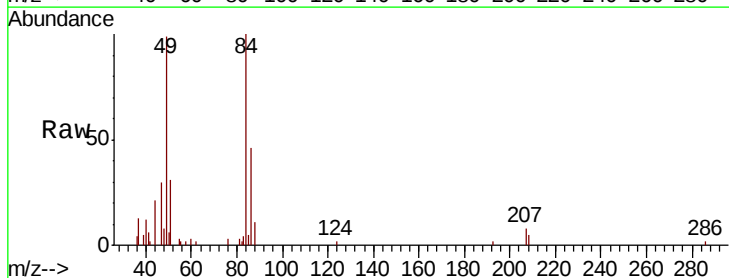
Instrument :
MSVOA_W
ClientSampled :

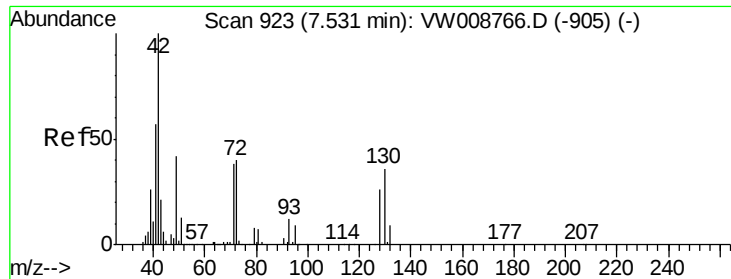
Tot Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
58 38.8 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008861.D
Acq: 27 Feb 2019 18:09

Tgt Ion: 84 Resp: 8917
Ion Ratio Lower Upper
84 100
49 98.9 108.2 162.2#
51 27.5 32.7 49.1#
86 42.3 50.3 75.5#

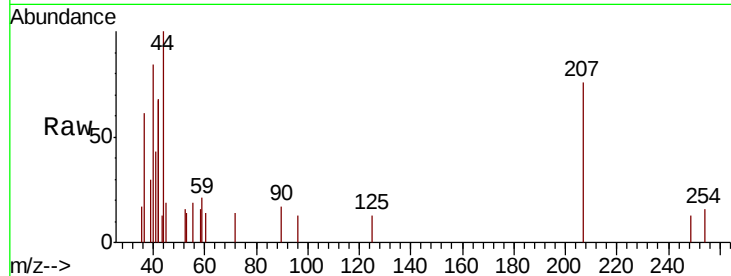




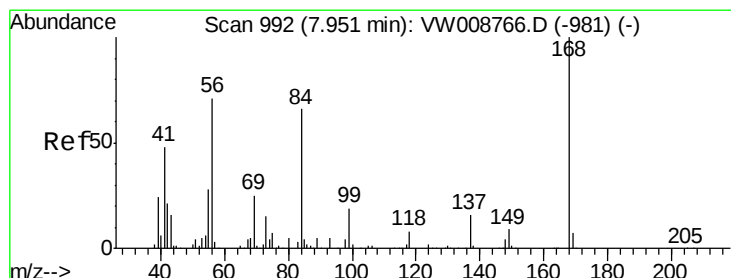
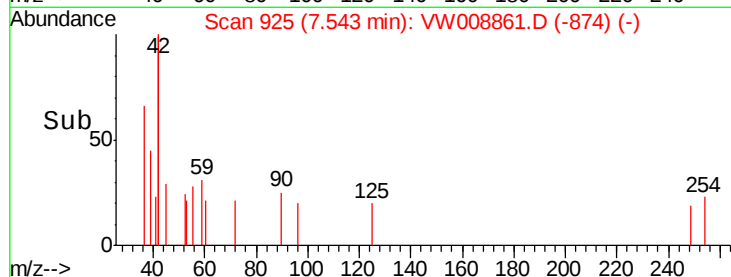
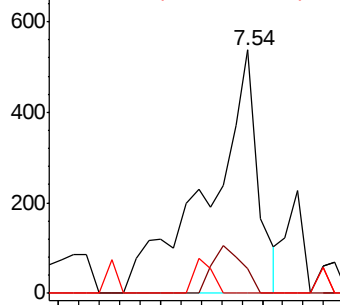
#29
Tetrahydrofuran
Concen: 1.340 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW008861.D
Acq: 27 Feb 2019 18:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 896
Ion Ratio Lower Upper
42 100
72 12.3 32.7 49.1#
71 0.0 31.3 46.9#

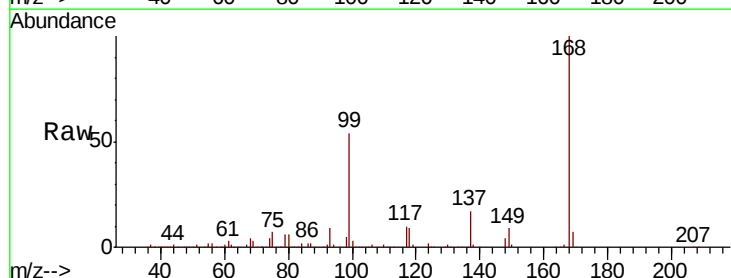


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

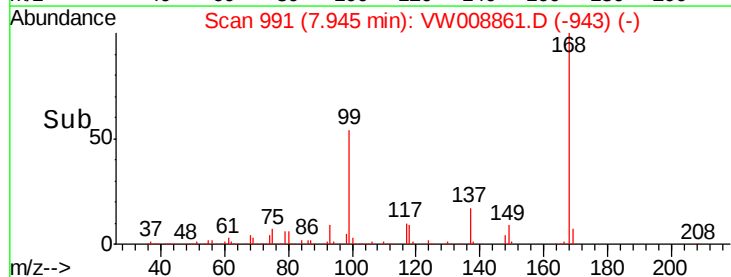
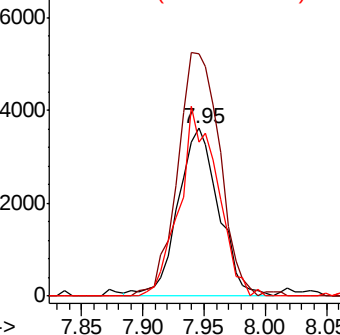


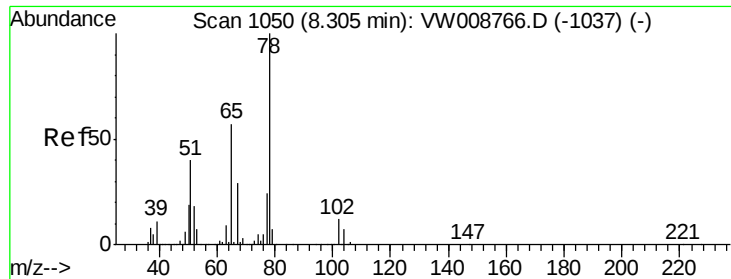
#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008861.D
Acq: 27 Feb 2019 18:09

Tgt Ion: 56 Resp: 8390
Ion Ratio Lower Upper
56 100
69 144.4 28.2 42.4#
84 91.7 74.1 111.1



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

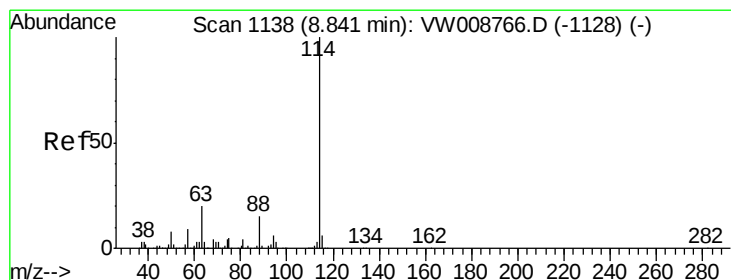
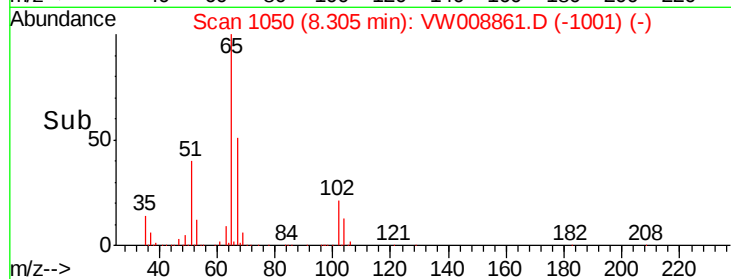
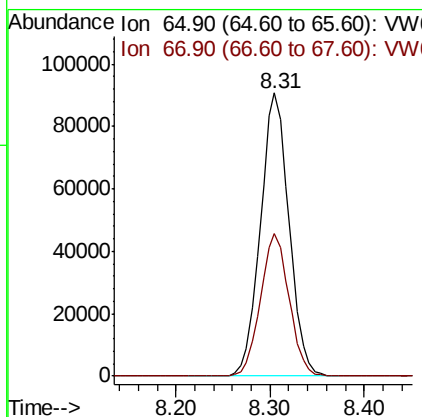
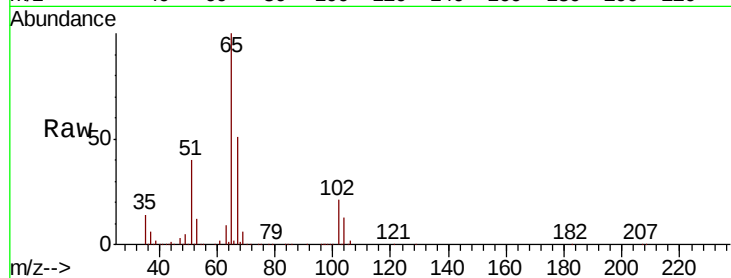




#33
 1,2-Dichloroethane-d4
 Concen: 59.788 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008861.D
 Acq: 27 Feb 2019 18:09

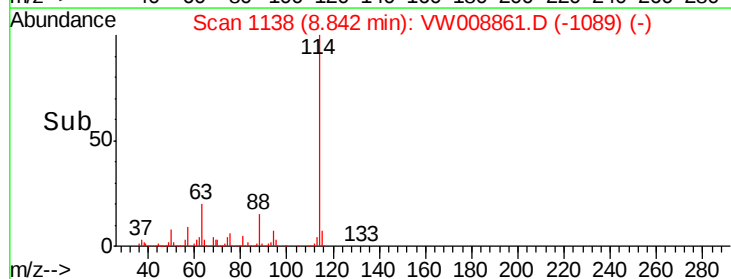
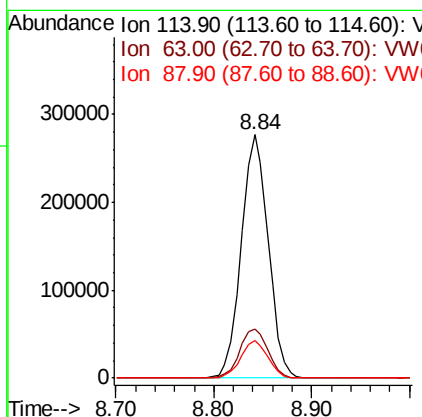
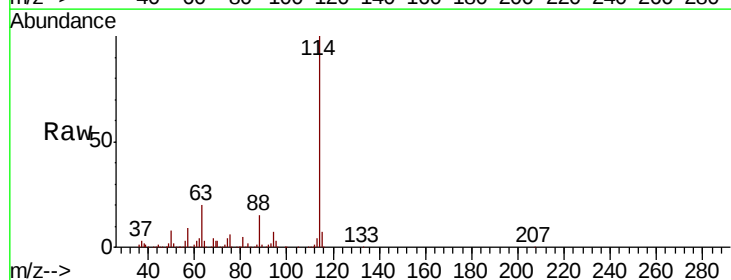
Instrument :
 MSVOA_W
 ClientSampled :

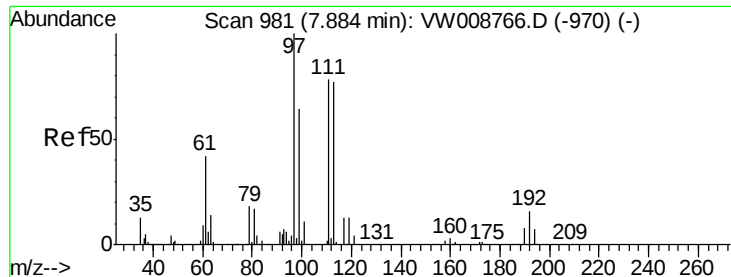
Tot Ion: 65 Resp: 193516
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008861.D
 Acq: 27 Feb 2019 18:09

Tgt Ion: 114 Resp: 529659
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 15.4 0.0 30.4

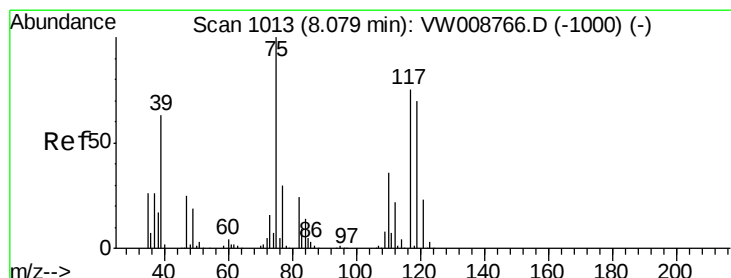
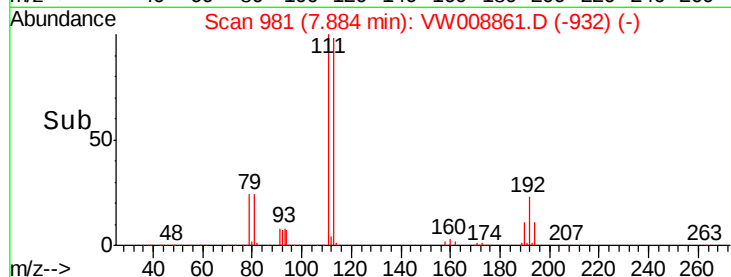
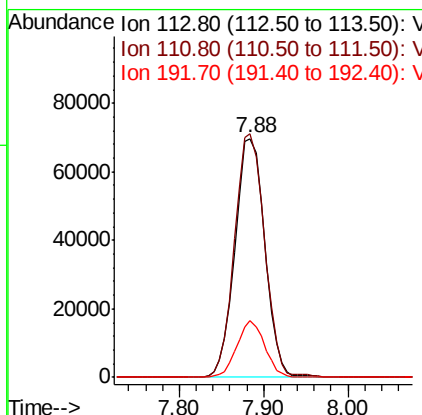
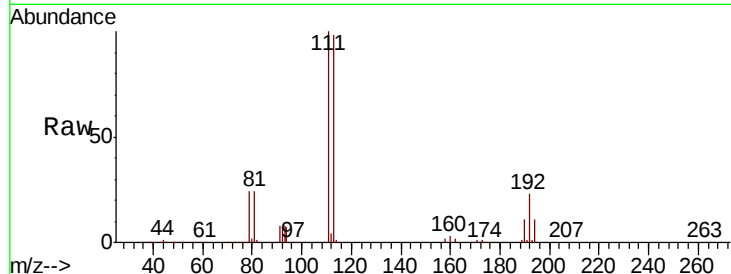




#35
 Dibromofluoromethane
 Concen: 52.469 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008861.D
 Acq: 27 Feb 2019 18:09

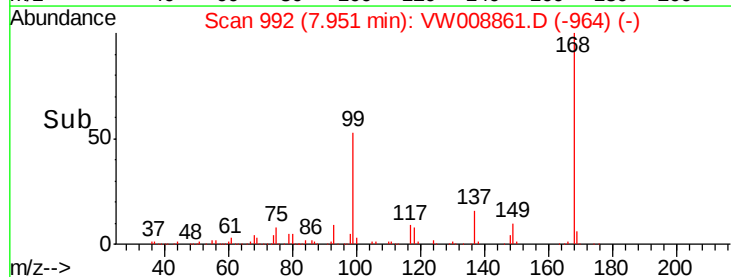
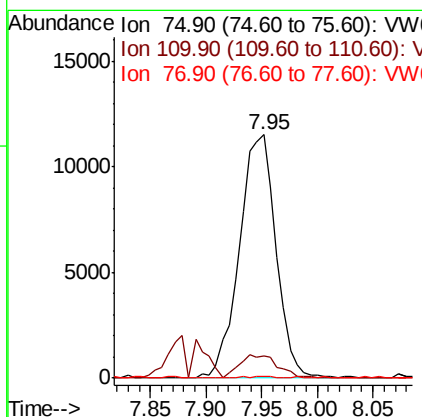
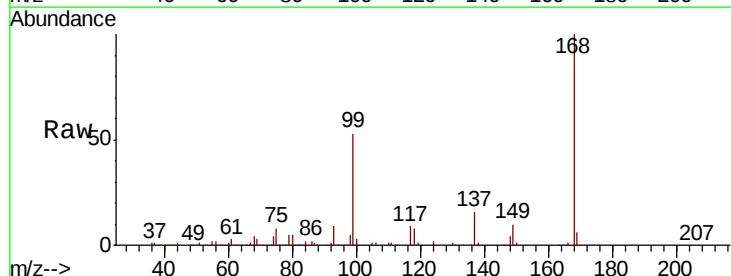
Instrument :
 MSVOA_W
 ClientSampleId :

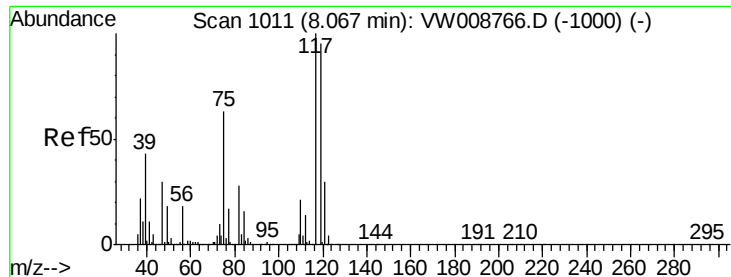
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	22.0	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 5.110 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW008861.D
 Acq: 27 Feb 2019 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.1	17.5	52.6#
77	0.4	24.5	36.7#

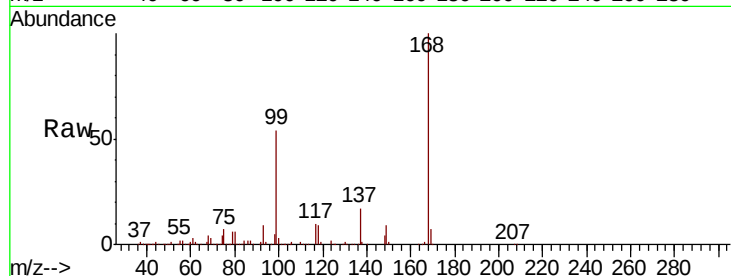




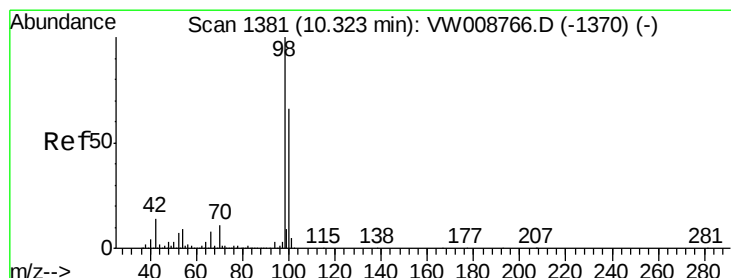
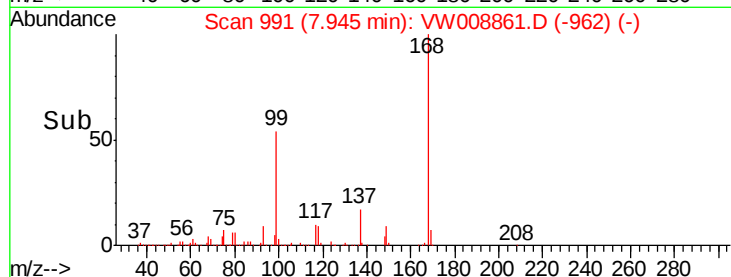
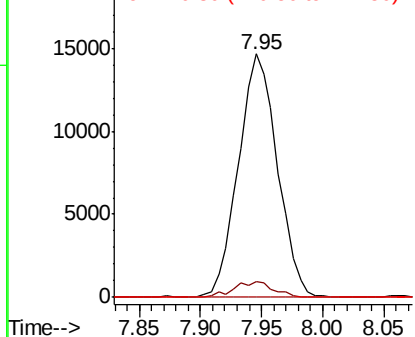
#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008861.D
Acq: 27 Feb 2019 18:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 32399
Ion Ratio Lower Upper
117 100
119 6.2 76.1 114.1#
121 0.0 24.0 36.0#

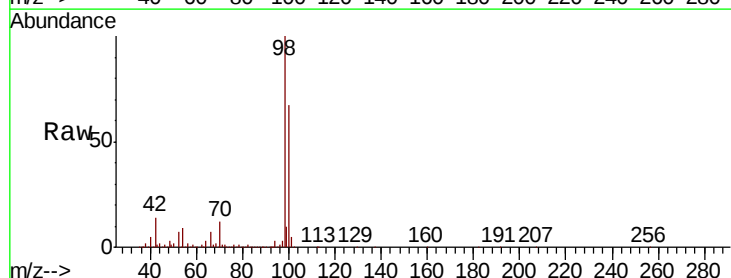


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

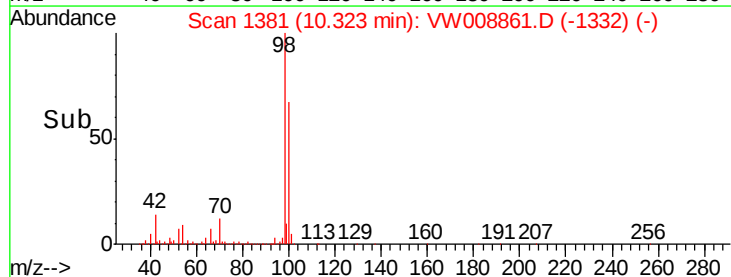
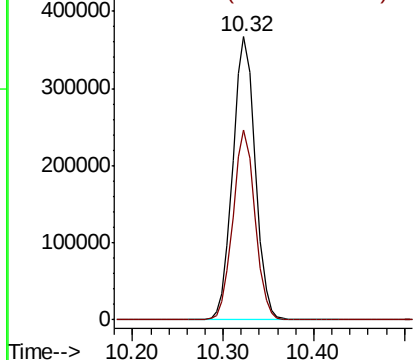


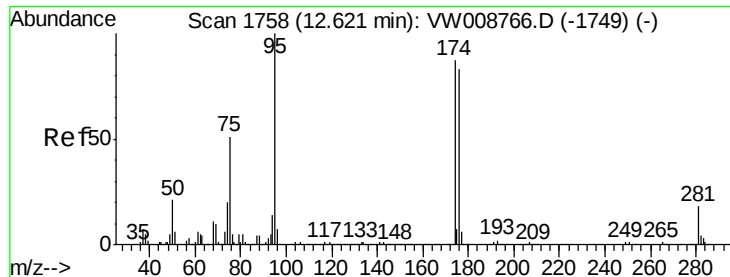
#50
Toluene-d8
Concen: 51.423 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008861.D
Acq: 27 Feb 2019 18:09

Tgt Ion: 98 Resp: 631285
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

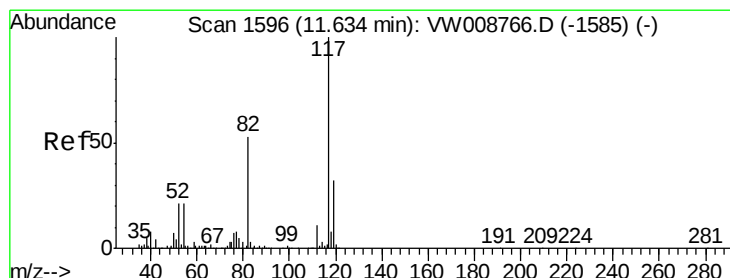
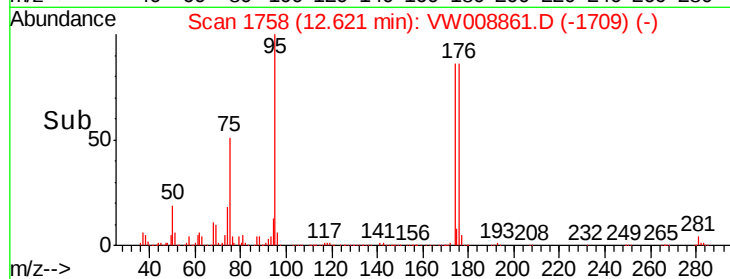
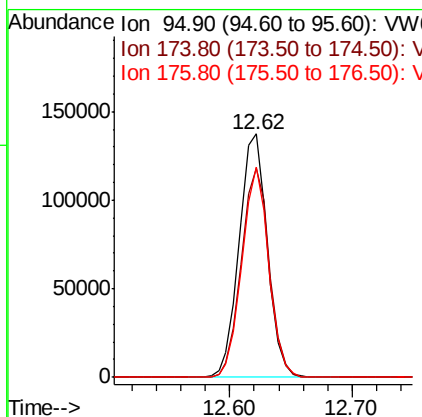
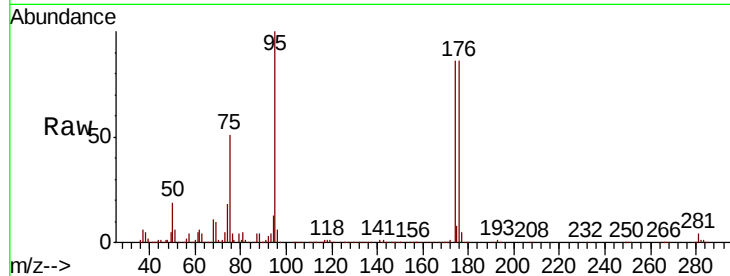




#62
4-Bromofluorobenzene
Concen: 45.302 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008861.D
Acq: 27 Feb 2019 18:09

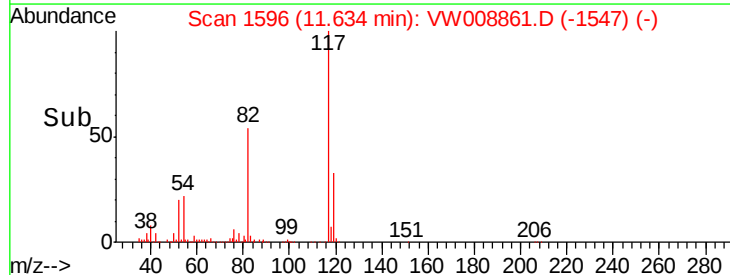
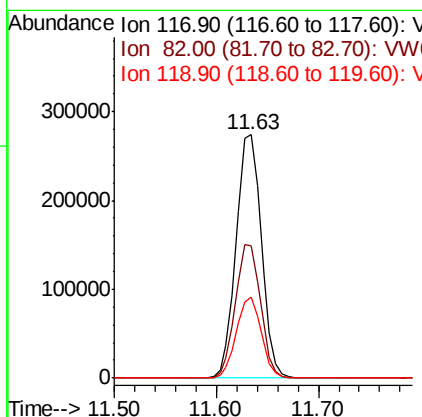
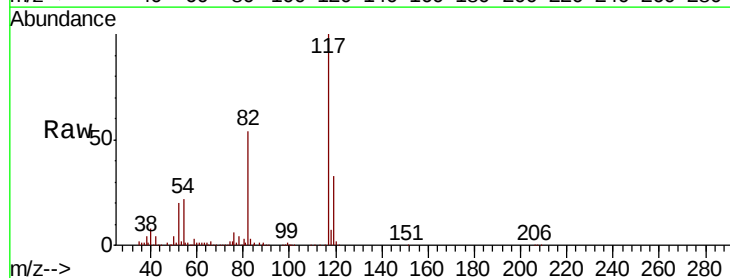
Instrument :
MSVOA_W
ClientSampled :

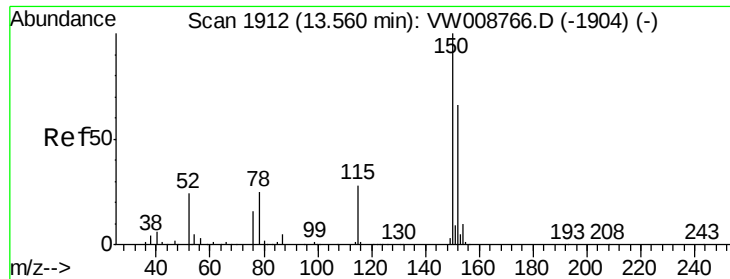
Tot Ion: 95 Resp: 217753
Ion Ratio Lower Upper
95 100
174 86.1 0.0 169.2
176 82.5 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008861.D
Acq: 27 Feb 2019 18:09

Tgt Ion: 117 Resp: 468595
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 33.2 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008861.D

Acq: 27 Feb 2019 18:09

Instrument :

MSVOA_W

ClientSampleId :

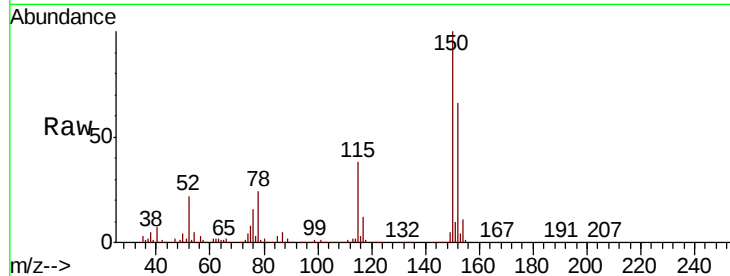
Tot Ion:152 Resp: 230232

Ion Ratio Lower Upper

152 100

115 57.6 28.6 85.8

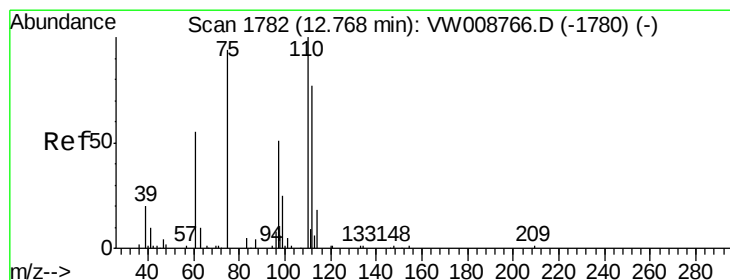
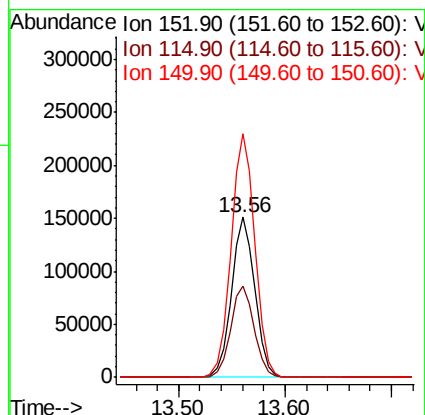
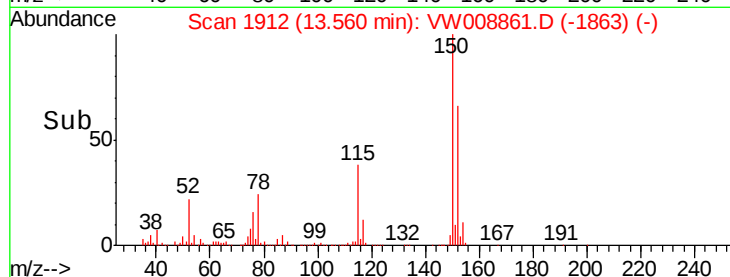
150 155.5 0.0 348.0



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: 60.347 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008861.D

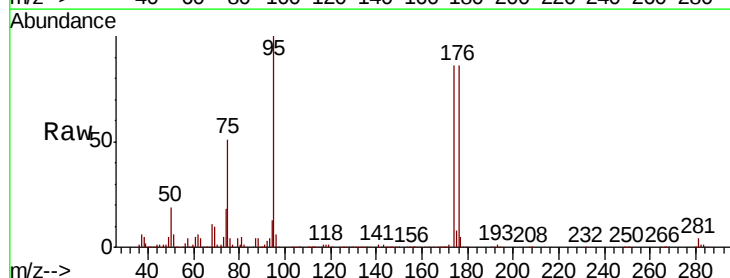
Acq: 27 Feb 2019 18:09

Tgt Ion: 75 Resp: 114711

Ion Ratio Lower Upper

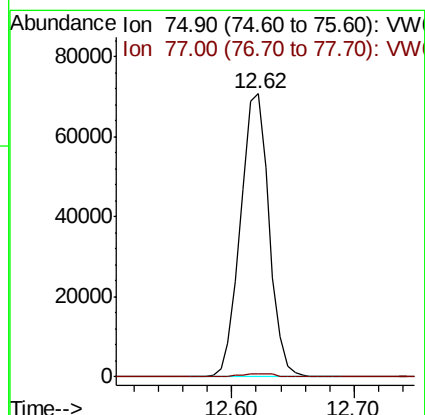
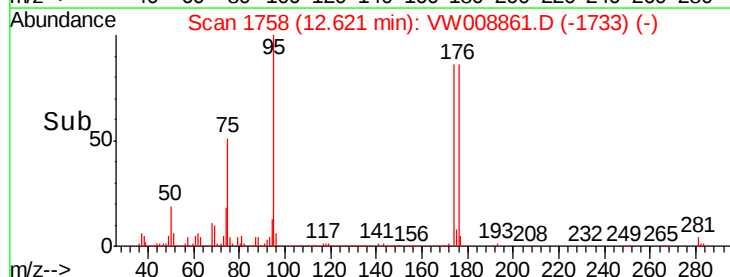
75 100

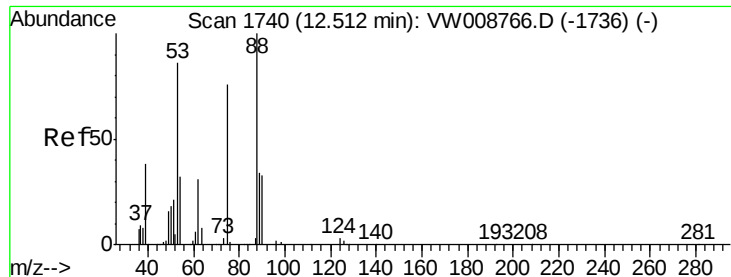
77 1.3 0.0 0.0#



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: 146.707 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008861.D
 Acq: 27 Feb 2019 18:09

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 114711
 Ion Ratio Lower Upper
 75 100
 53 0.3 88.2 132.2#
 89 0.2 39.5 59.3#

