

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012919\
 Data File : VW008450.D
 Acq On : 29 Jan 2019 14:33
 Operator : SY/VA
 Sample : K1157-12
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-06-011519

Quant Time: Jan 30 01:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	404003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	644264	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	568068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	263867	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	203260	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
35) Dibromofluoromethane	7.88	113	199462	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
50) Toluene-d8	10.32	98	764113	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.62	95	267404	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	

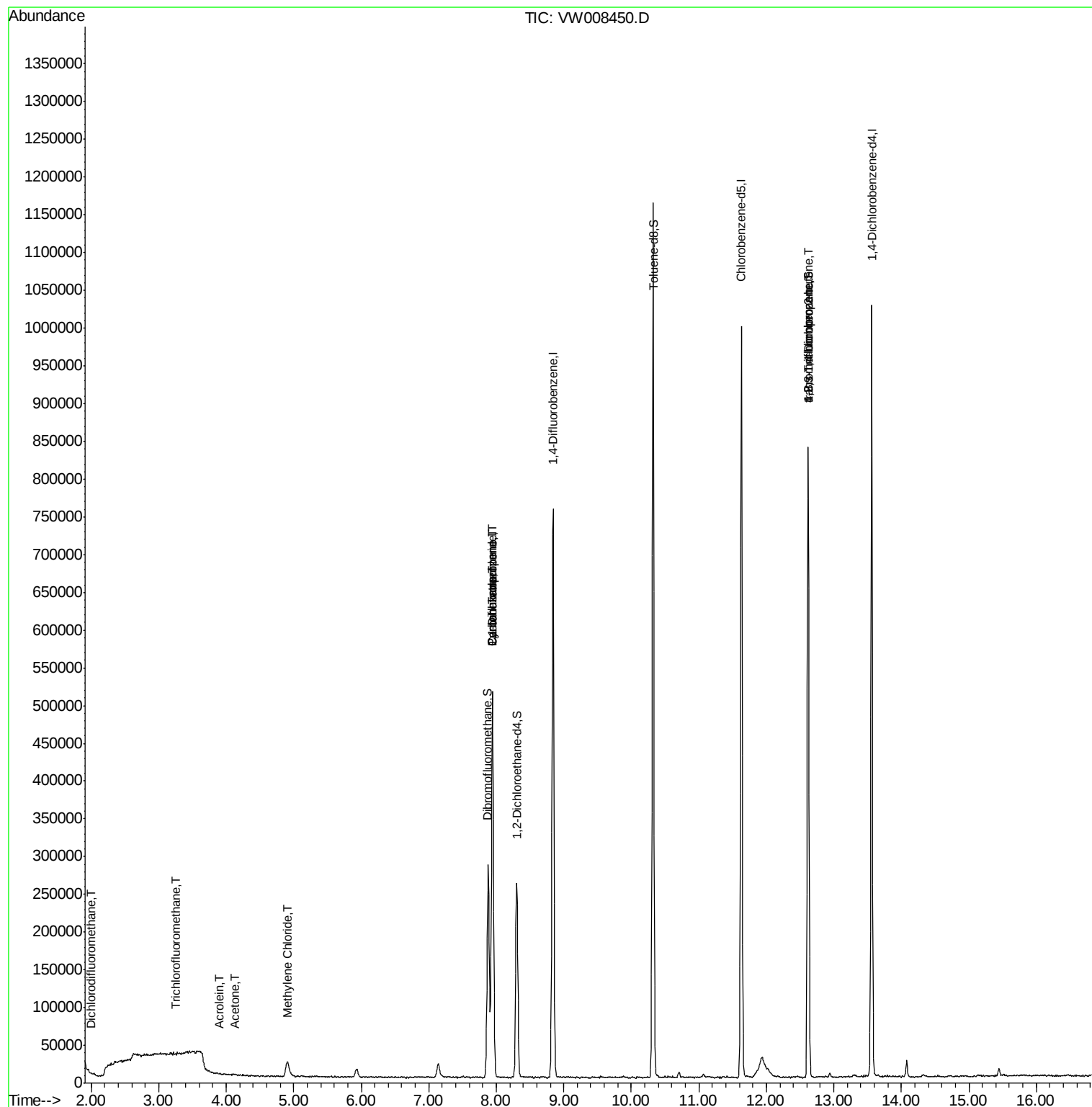
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	871	3.601	ug/l	94
7) Trichlorofluoromethane	3.26	101	193	4.773	ug/l #	17
13) Acrolein	3.89	56	147	4.698	ug/l	84
16) Acetone	4.13	43	4058	4.553	ug/l #	88
20) Methylene Chloride	4.91	84	17826	4.339	ug/l	88
31) Cyclohexane	7.94	56	8035	1.032	ug/l #	30
36) 1,1-Dichloropropene	7.94	75	28529	4.688	ug/l #	50
38) Carbon Tetrachloride	7.95	117	38467	6.281	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	133324	58.115	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	133324	114.782	ug/l #	12

(#) = 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

Lab File: VW008450.D

Acq: 29 Jan 2019 14:33

Instrument :

MSVOA_W

ClientSampleId :

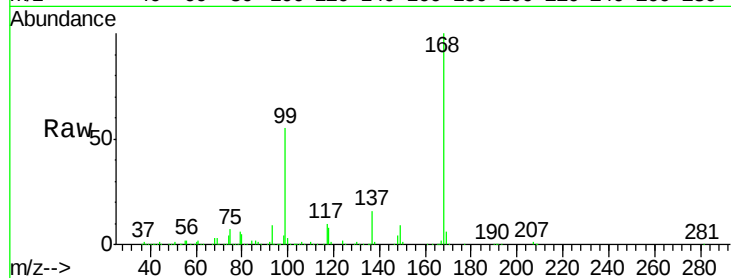
WC-06-011519

Tgt Ion:168 Resp: 404003

Ion Ratio Lower Upper

168 100

99 54.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

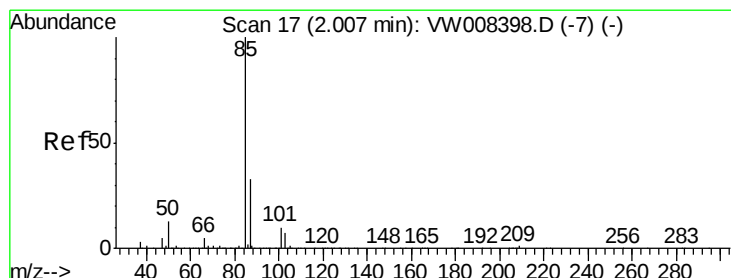
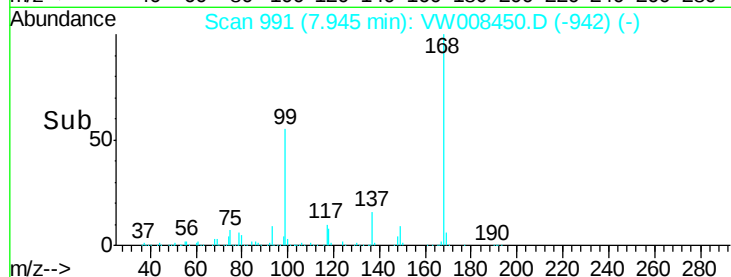
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 3.601 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008450.D

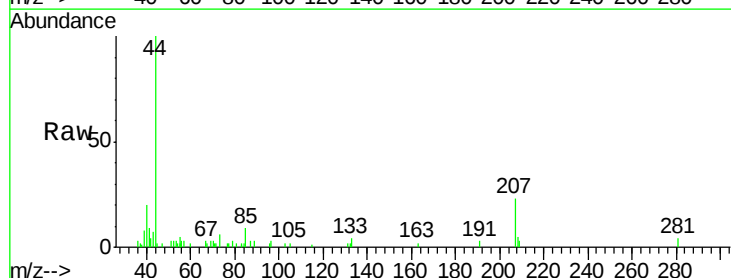
Acq: 29 Jan 2019 14:33

Tgt Ion: 85 Resp: 871

Ion Ratio Lower Upper

85 100

87 30.2 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

400

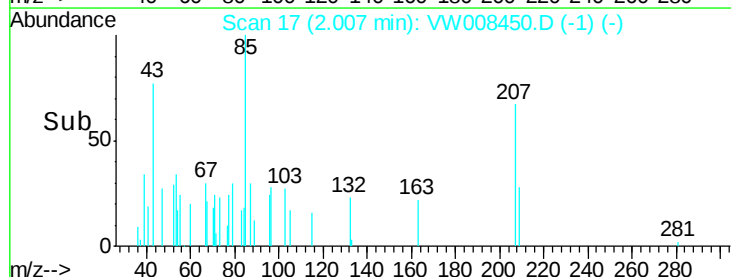
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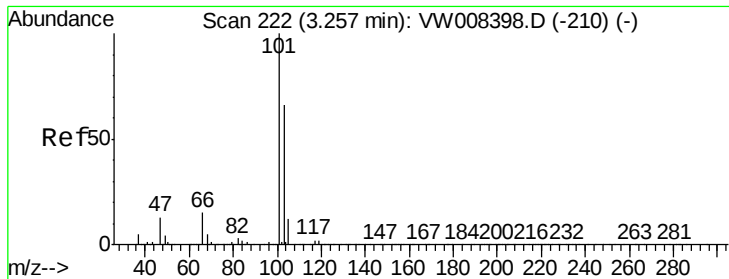
200

100

0

Time--> 1.95 2.00



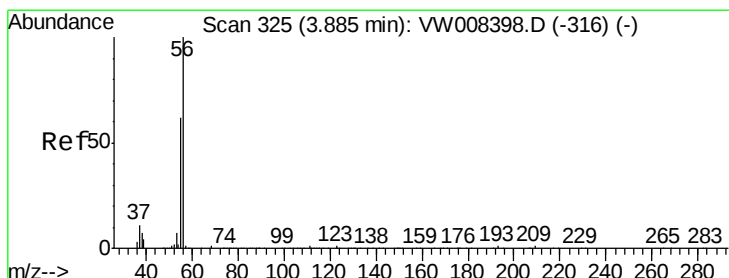
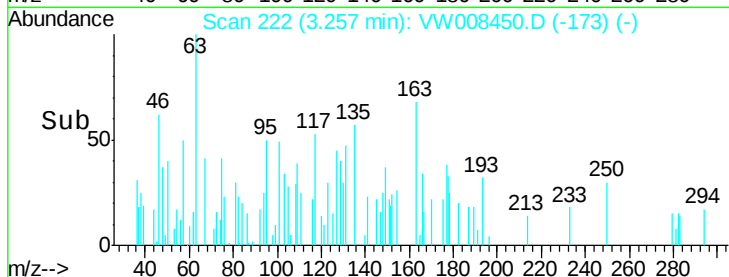
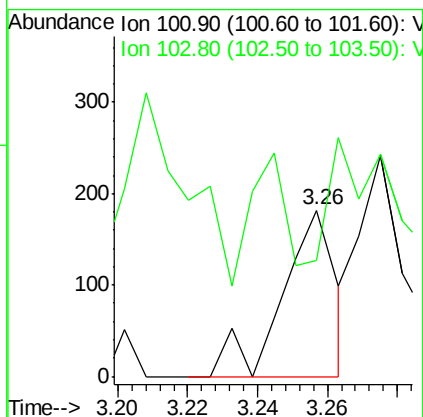
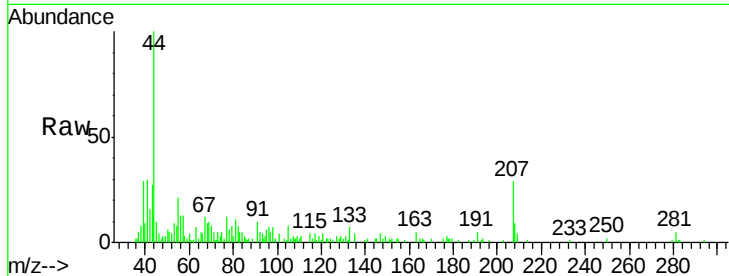


#7

Trichlorofluoromethane
 Concen: 4.773 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008450.D
 Acq: 29 Jan 2019 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-06-011519

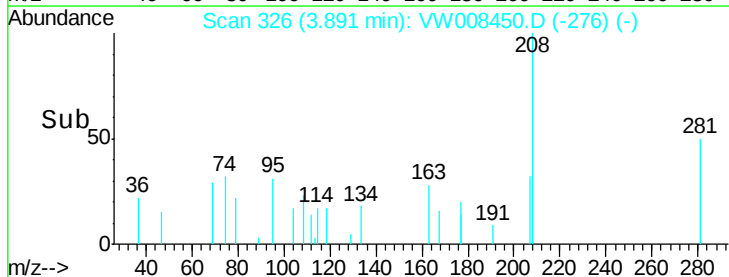
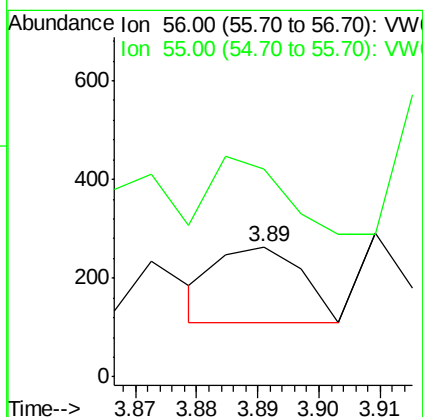
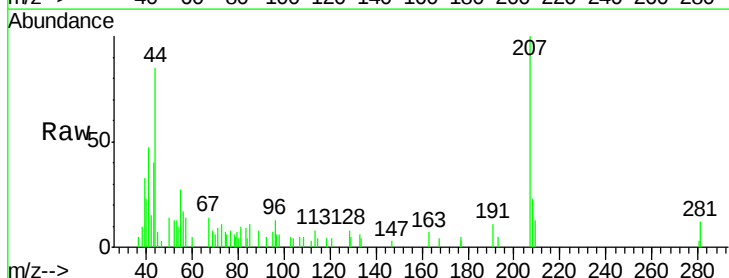
Tgt Ion: 101 Resp: 193
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.5 78.7#

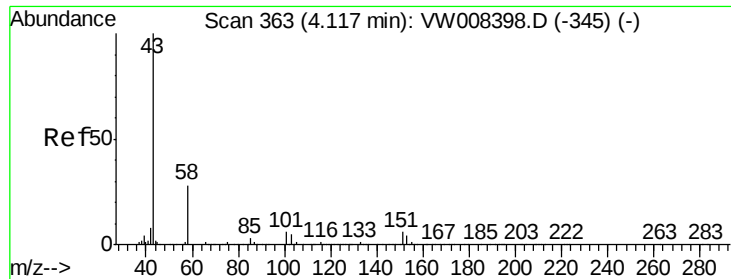


#13

Acrolein
 Concen: 4.698 ug/l
 RT: 3.89 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VW008450.D
 Acq: 29 Jan 2019 14:33

Tgt Ion: 56 Resp: 147
 Ion Ratio Lower Upper
 56 100
 55 84.4 56.7 85.1

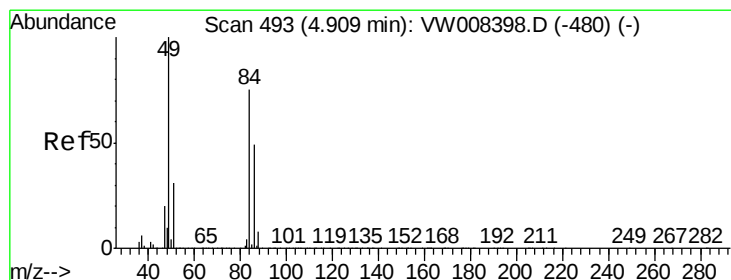
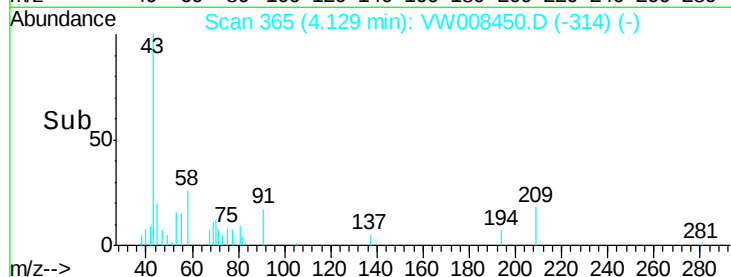
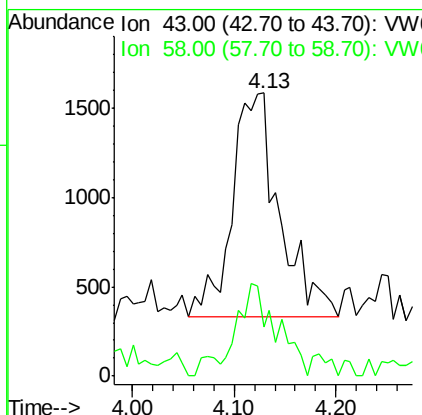
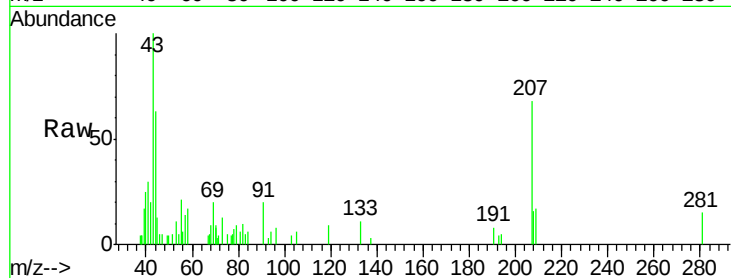




#16
Acetone
Concen: 4.553 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008450.D
Acq: 29 Jan 2019 14:33

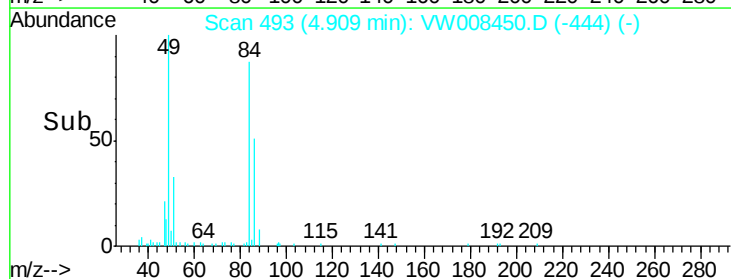
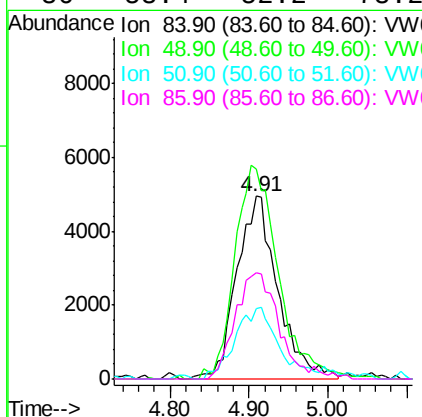
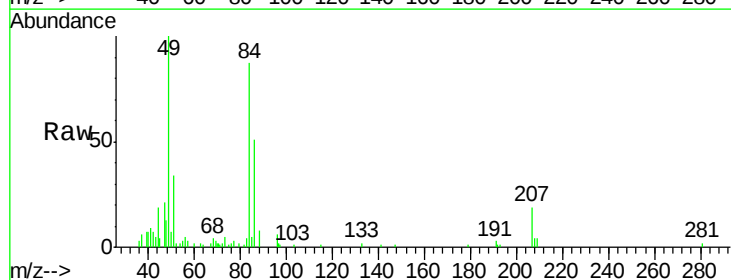
Instrument :
MSVOA_W
ClientSampleId :
WC-06-011519

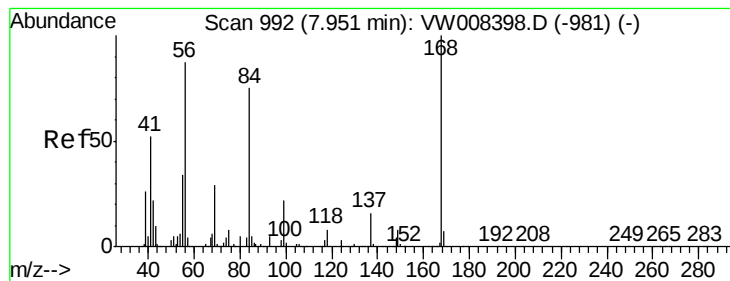
Tgt Ion: 43 Resp: 4058
Ion Ratio Lower Upper
43 100
58 21.8 22.6 34.0#



#20
Methylene Chloride
Concen: 4.339 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW008450.D
Acq: 29 Jan 2019 14:33

Tgt Ion: 84 Resp: 17826
Ion Ratio Lower Upper
84 100
49 114.6 106.8 160.2
51 37.2 32.9 49.3
86 58.4 52.2 78.2





#31

Cyclohexane

Concen: 1.032 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008450.D

Acq: 29 Jan 2019 14:33

Instrument :

MSVOA_W

ClientSampleId :

WC-06-011519

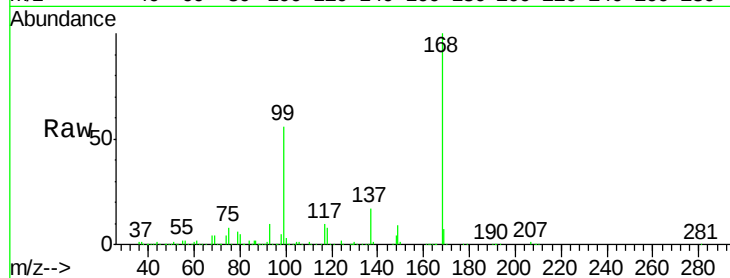
Tgt Ion: 56 Resp: 8035

Ion Ratio Lower Upper

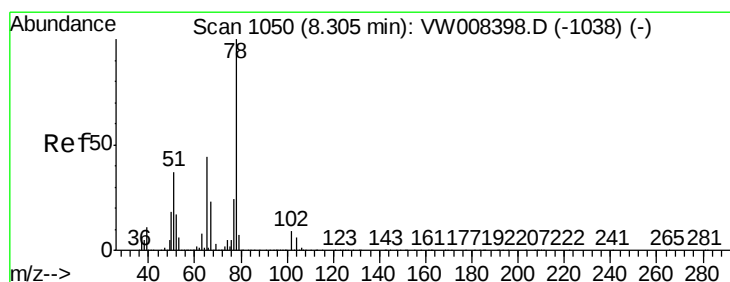
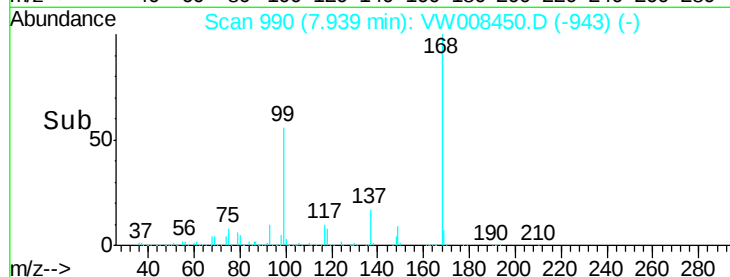
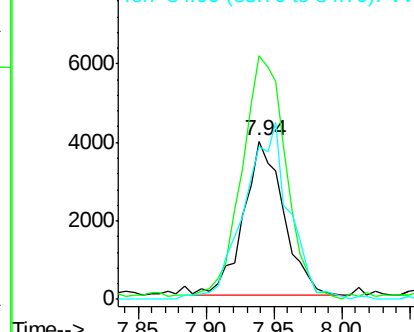
56 100

69 158.6 26.4 39.6#

84 97.9 69.1 103.7



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: 51.212 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008450.D

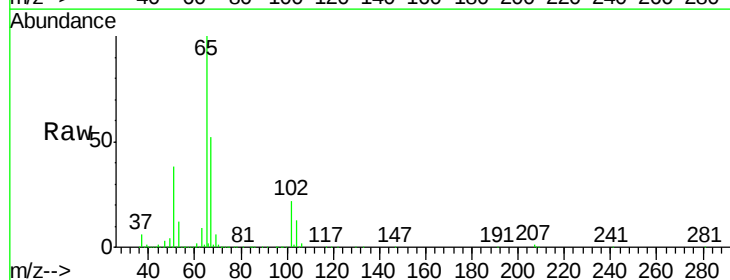
Acq: 29 Jan 2019 14:33

Tgt Ion: 65 Resp: 203260

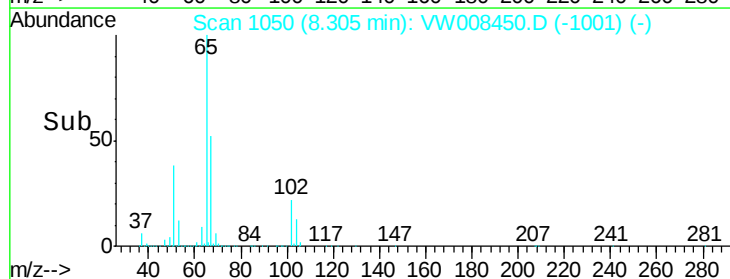
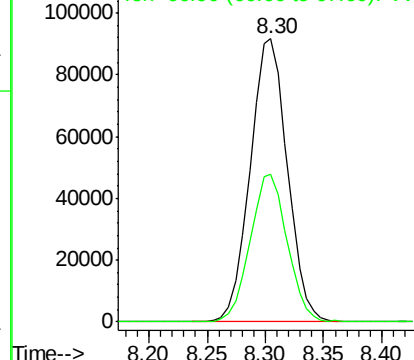
Ion Ratio Lower Upper

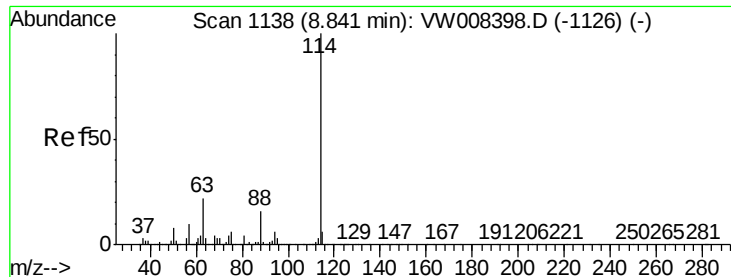
65 100

67 52.3 0.0 104.0



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

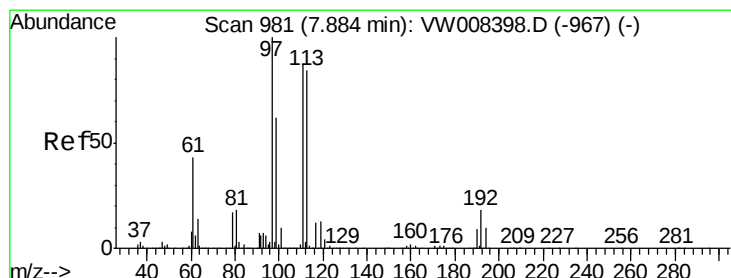
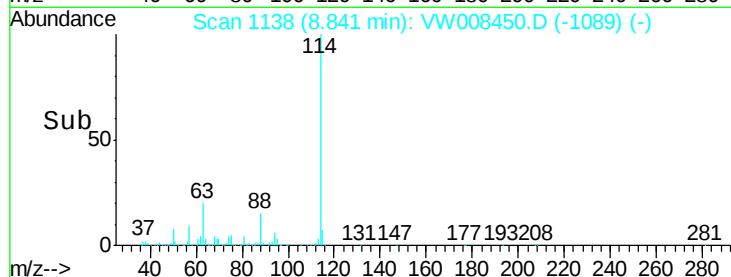
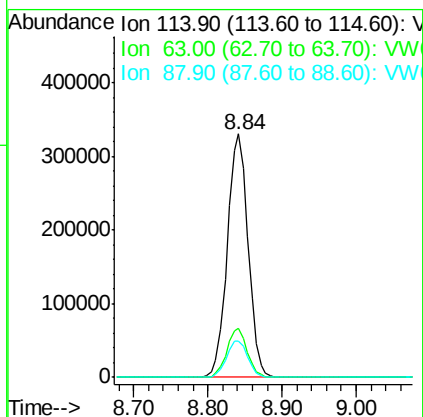
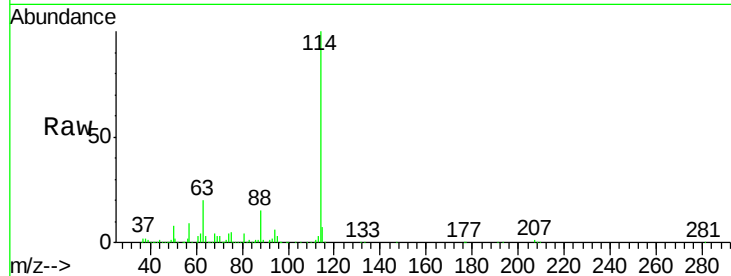




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008450.D
 Acq: 29 Jan 2019 14:33

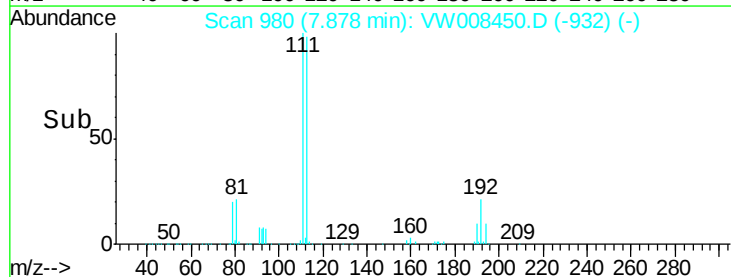
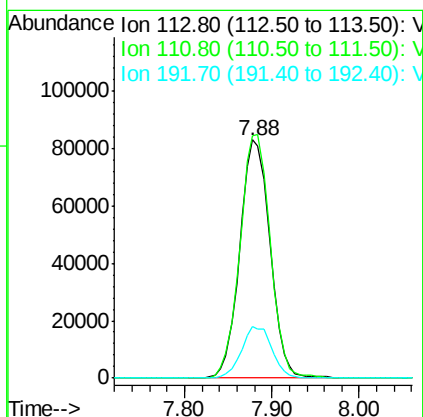
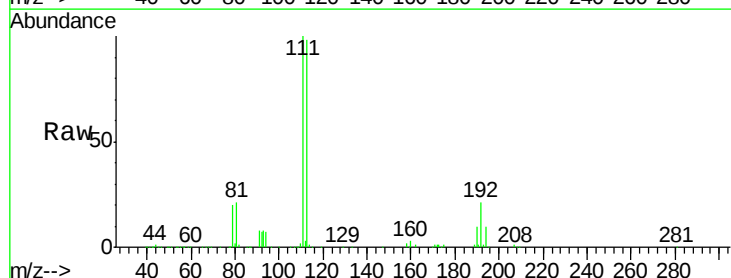
Instrument :
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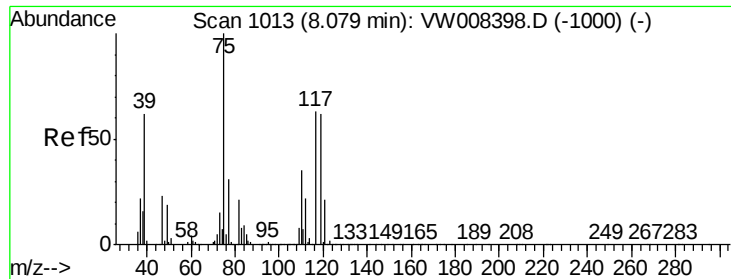
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.6
88	14.9	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 52.947 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW008450.D
 Acq: 29 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.4
192	21.9	16.8	25.2

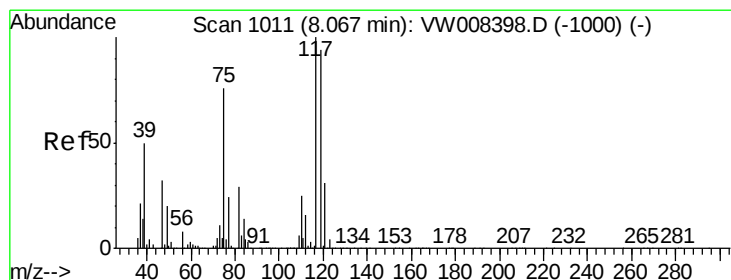
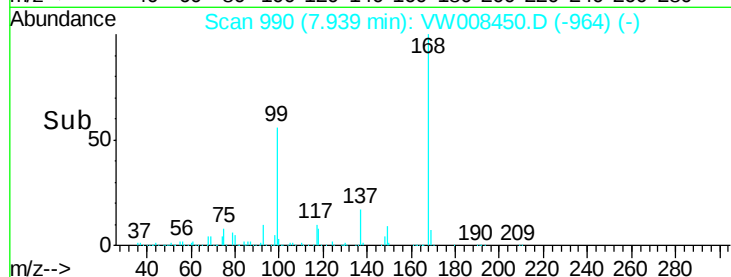
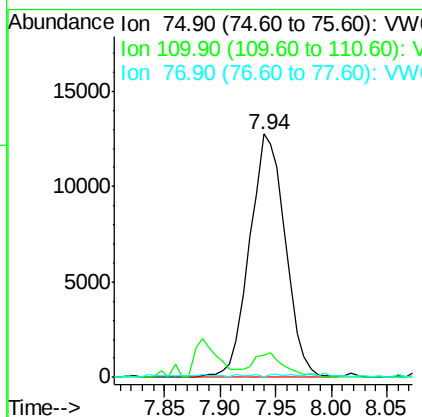
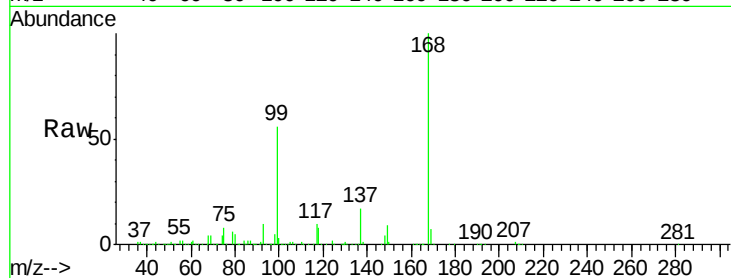




#36
 1,1-Dichloropropene
 Concen: 4.688 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008450.D
 Acq: 29 Jan 2019 14:33

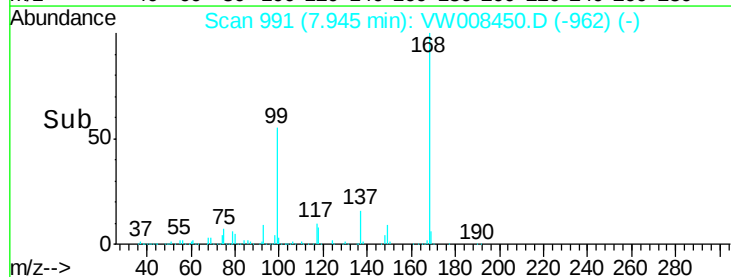
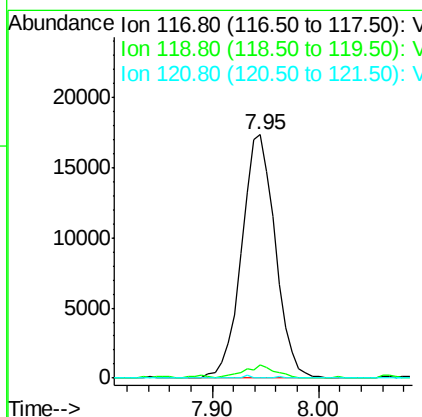
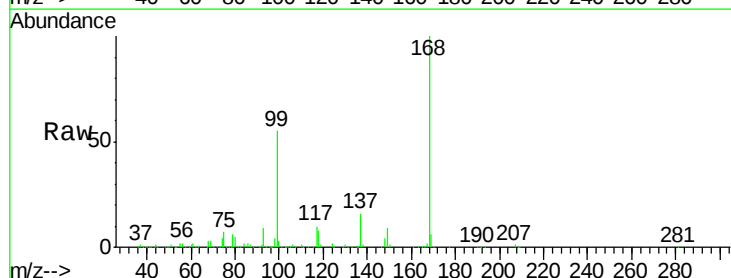
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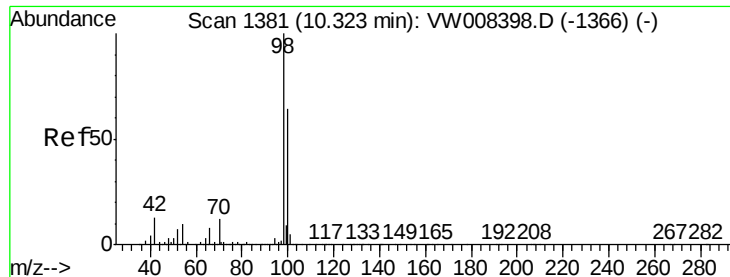
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	52.0#
77	0.8	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.281 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008450.D
 Acq: 29 Jan 2019 14:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.0	112.4#
121	0.0	24.9	37.3#





#50

Toluene-d8

Concen: 50.581 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008450.D

Acq: 29 Jan 2019 14:33

Instrument :

MSVOA_W

ClientSampleId :

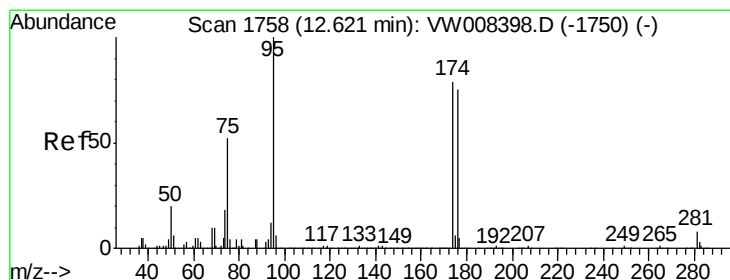
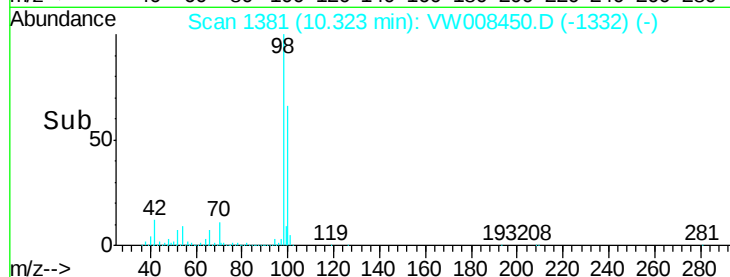
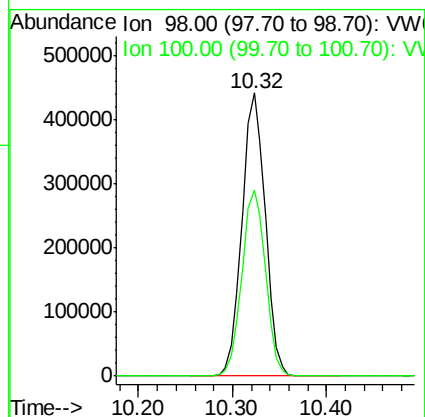
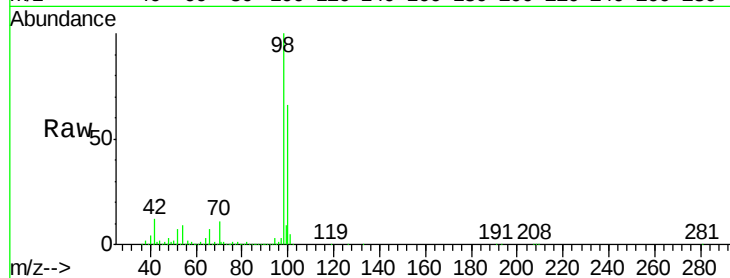
WC-06-011519

Tgt Ion: 98 Resp: 764113

Ion Ratio Lower Upper

98 100

100 66.4 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 46.050 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008450.D

Acq: 29 Jan 2019 14:33

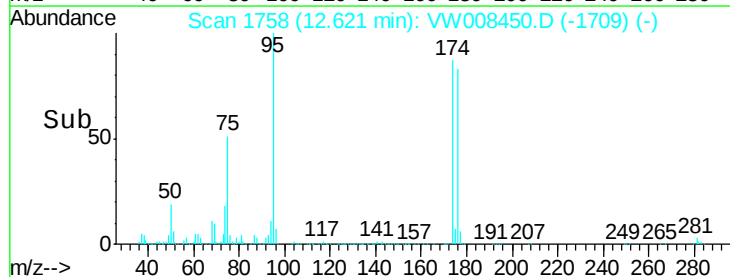
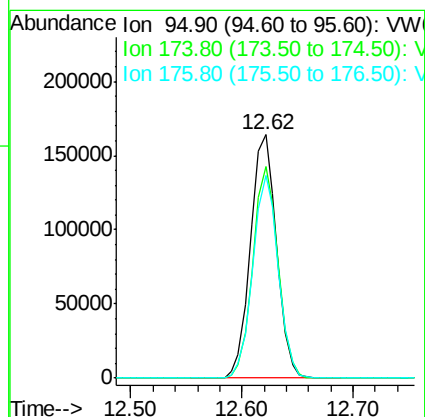
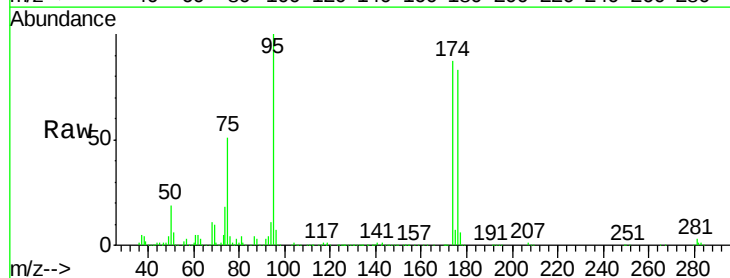
Tgt Ion: 95 Resp: 267404

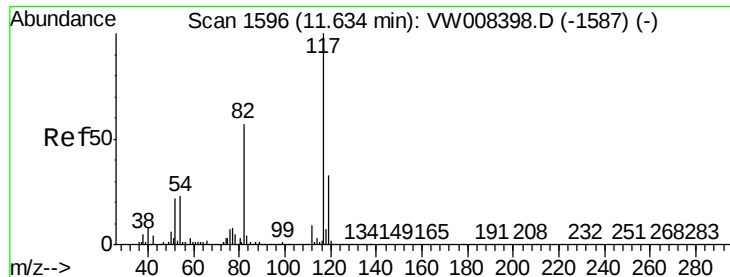
Ion Ratio Lower Upper

95 100

174 84.2 0.0 157.6

176 81.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW008450.D

Acq: 29 Jan 2019 14:33

Instrument :

MSVOA_W

ClientSampleId :

WC-06-011519

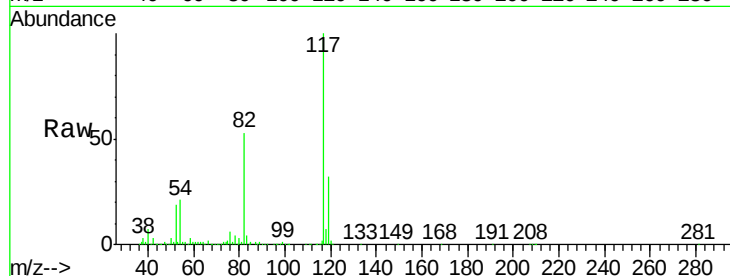
Tgt Ion:117 Resp: 568068

Ion Ratio Lower Upper

117 100

82 53.1 45.4 68.0

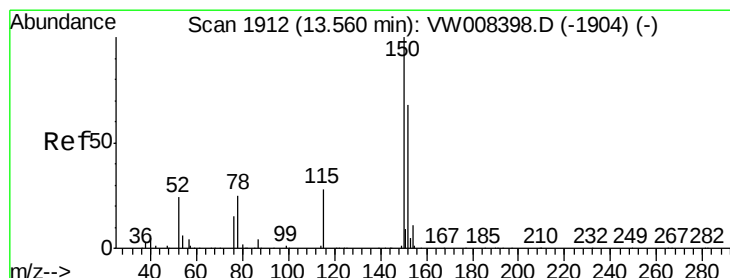
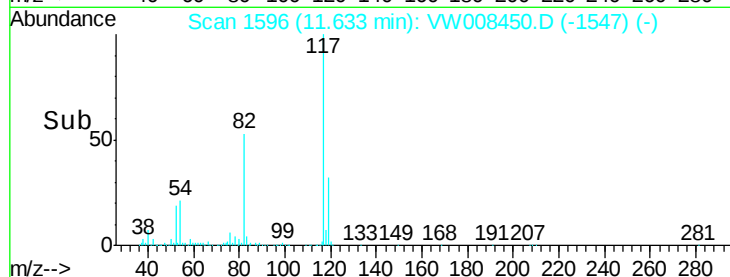
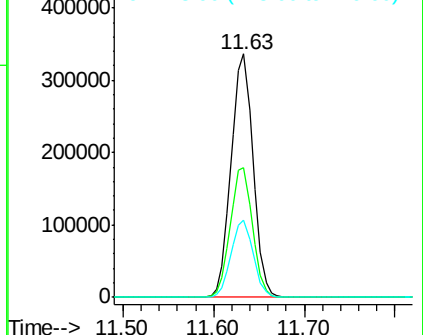
119 31.8 26.2 39.4



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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008450.D

Acq: 29 Jan 2019 14:33

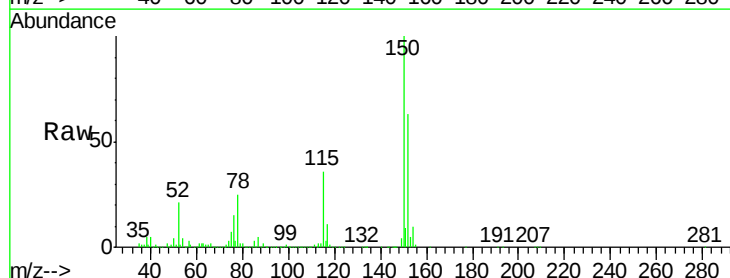
Tgt Ion:152 Resp: 263867

Ion Ratio Lower Upper

152 100

115 58.1 29.9 89.7

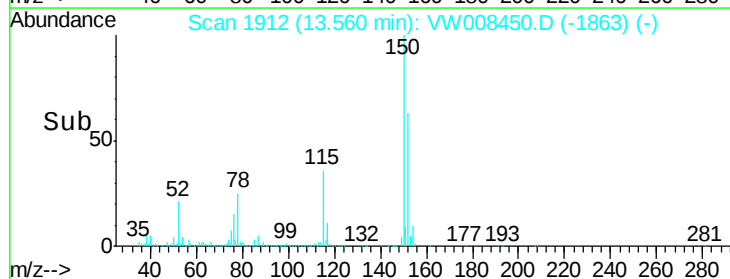
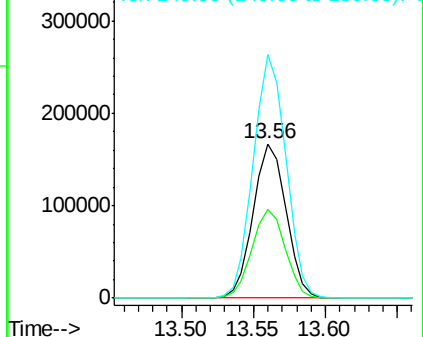
150 156.9 0.0 351.4

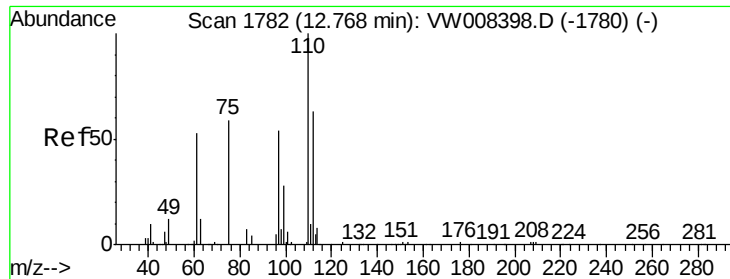


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

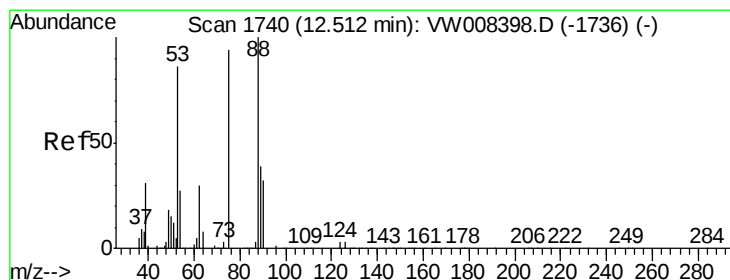
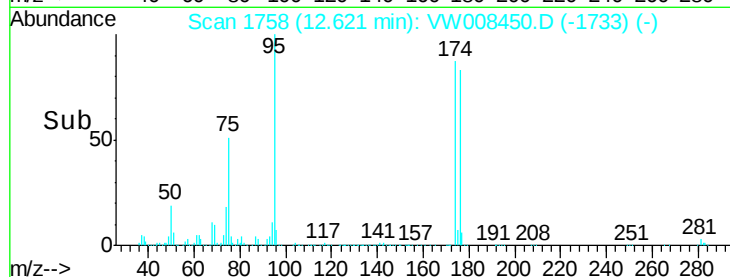
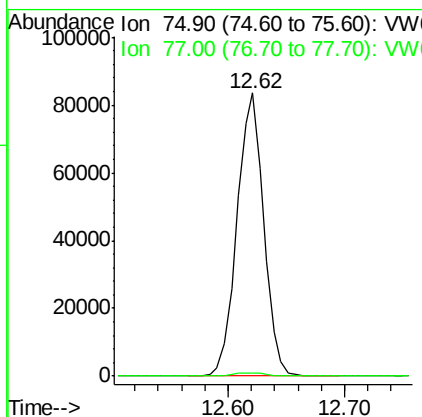
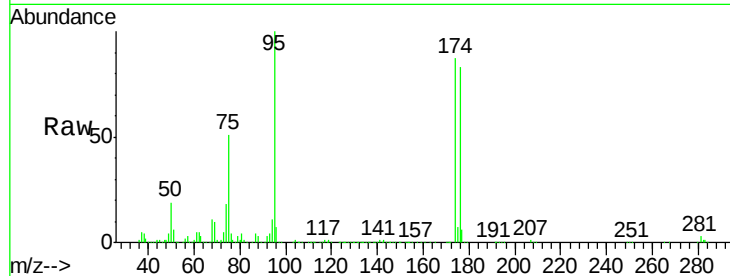




#76
 1,2,3-Trichloropropane
 Concen: 58.115 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW008450.D
 Acq: 29 Jan 2019 14:33

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-06-011519

Tgt Ion: 75 Resp: 133324
 Ion Ratio Lower Upper
 75 100
 77 1.5 180.7 542.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.782 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.11 min
 Lab File: VW008450.D
 Acq: 29 Jan 2019 14:33

Tgt Ion: 75 Resp: 133324
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.0 114.0#
 89 0.1 35.4 53.0#

