

Data File : VW008938.D
Acq On : 01 Mar 2019 23:44
Operator : SY/VA
Sample : VW0301SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0302SBL01

Quant Time: Mar 02 04:48:53 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	315041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	491891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	432755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	200791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	173735	58.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.60%	
35) Dibromofluoromethane	7.88	113	146038	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	10.32	98	591956	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
62) 4-Bromofluorobenzene	12.62	95	195438	43.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.56%	

Target Compounds

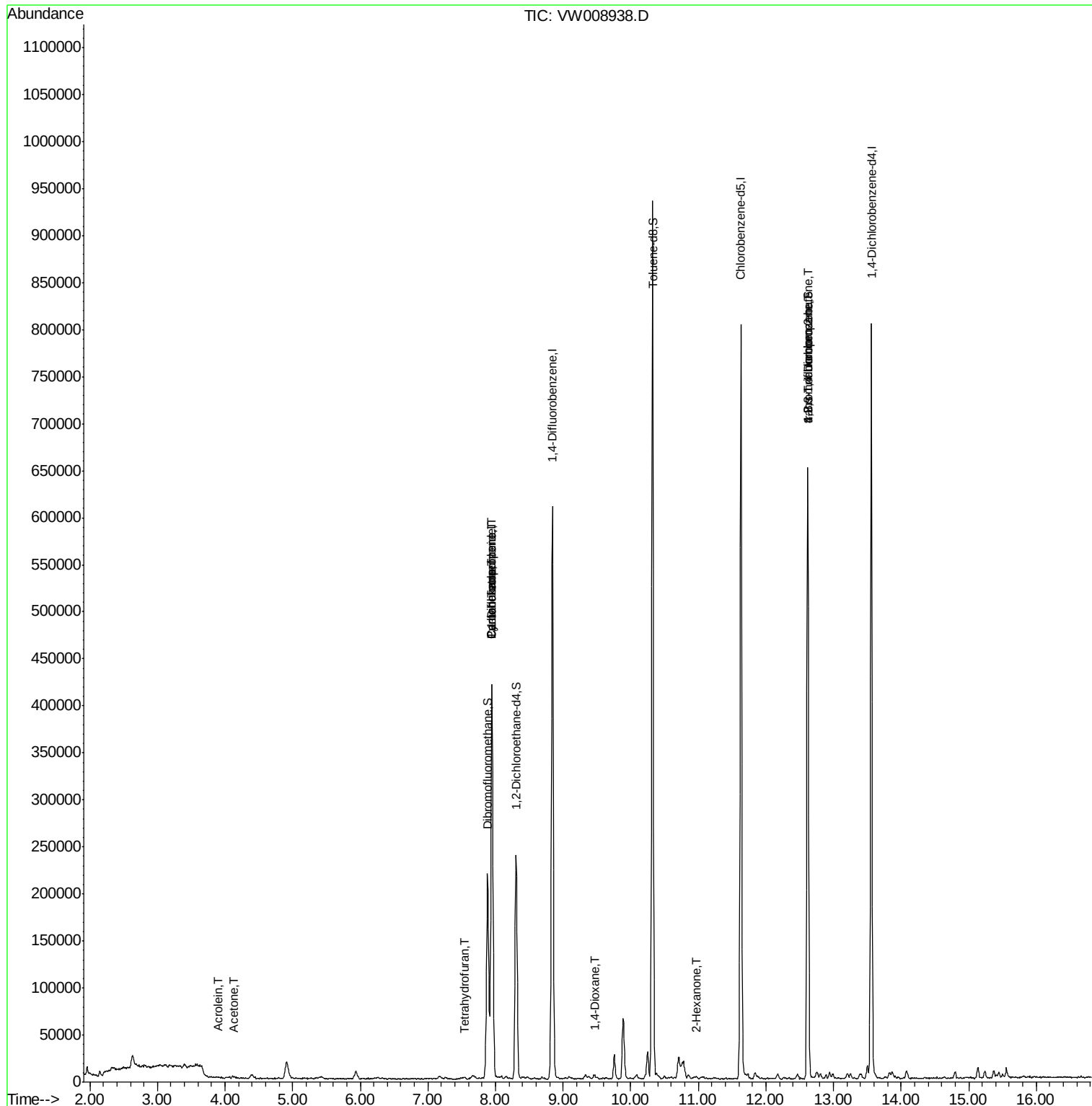
						Qvalue
13) Acrolein	3.90	56	638	21.897	ug/l #	14
16) Acetone	4.14	43	3726	5.440	ug/l	98
20) Methylene Chloride	4.91	84	12697	Below Cal		92
29) Tetrahydrofuran	7.54	42	1164	1.908	ug/l #	68
31) Cyclohexane	7.95	56	8210	1.474	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	24220	5.058	ug/l #	50
38) Carbon Tetrachloride	7.95	117	30260	5.992	ug/l #	17
49) 1,4-Dioxane	9.46	88	162	5.629	ug/l #	1
59) 2-Hexanone	10.97	43	1918	1.194	ug/l	89
76) 1,2,3-Trichloropropane	12.62	75	102787	62.002	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	102787	150.732	ug/l #	6

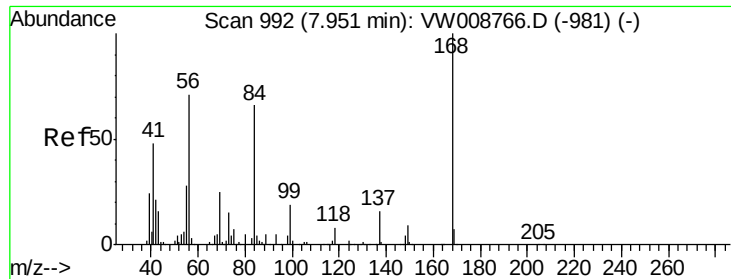
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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# 992

Delta R.T. 0.00 min

Lab File: VW008938.D

Acq: 01 Mar 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

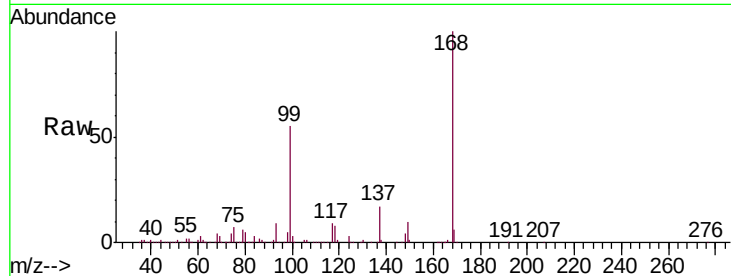
VW0302SBL01

Tgt Ion:168 Resp: 315041

Ion Ratio Lower Upper

168 100

99 54.6 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

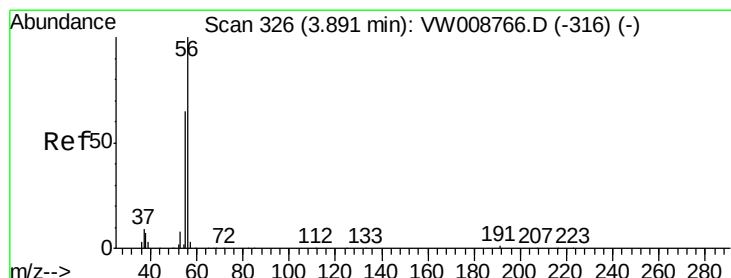
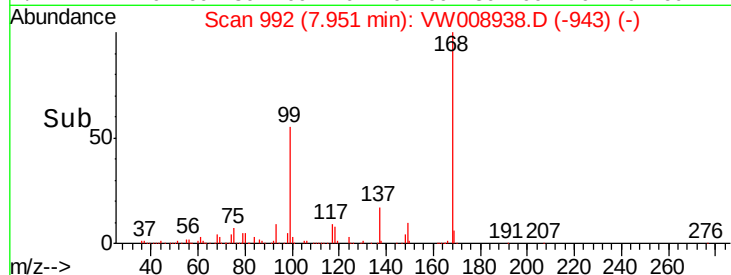
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 21.897 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW008938.D

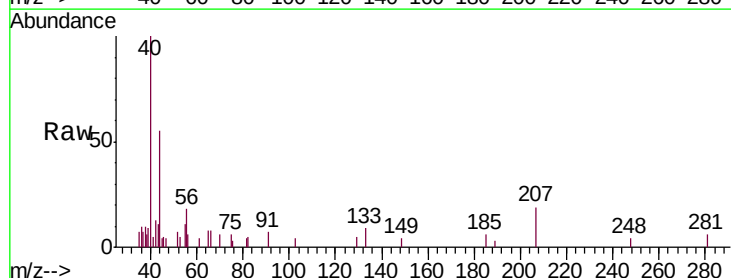
Acq: 01 Mar 2019 23:44

Tgt Ion: 56 Resp: 638

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

3.90

400

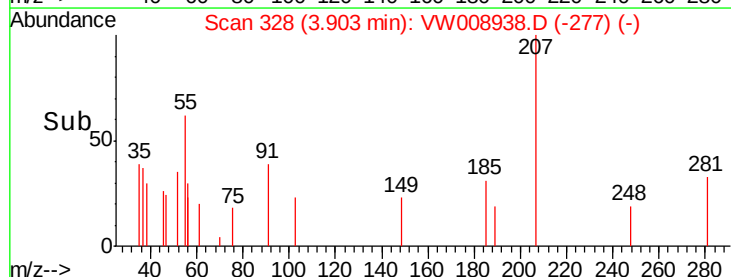
300

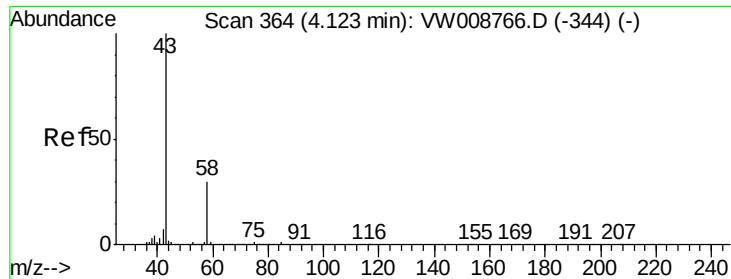
200

100

0

Time-->

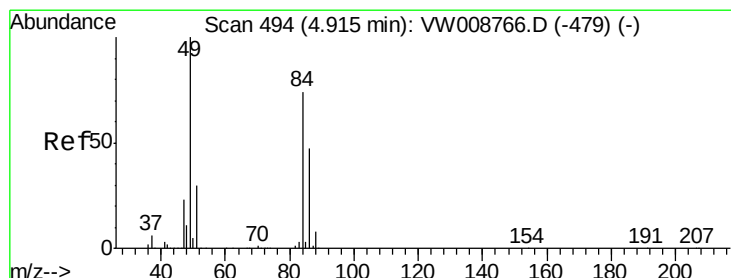
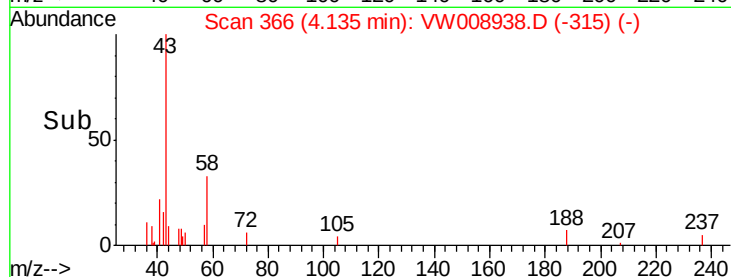
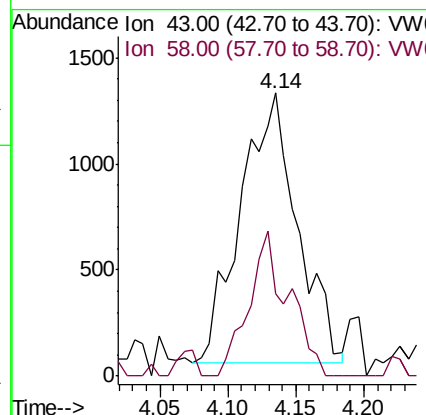
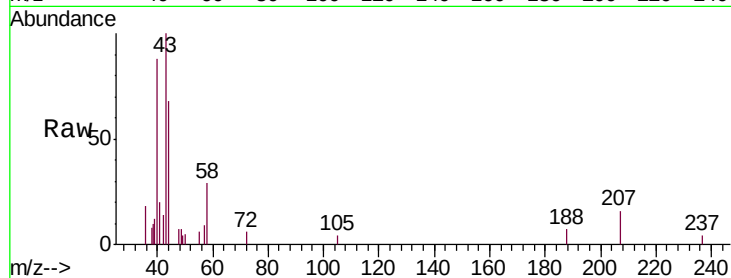




#16
Acetone
Concen: 5.440 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW008938.D
Acq: 01 Mar 2019 23:44

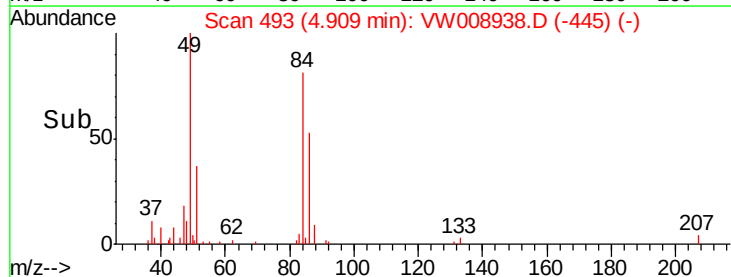
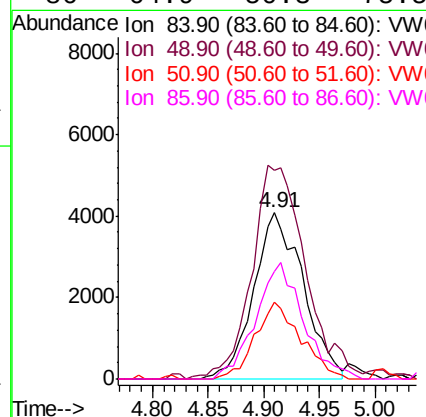
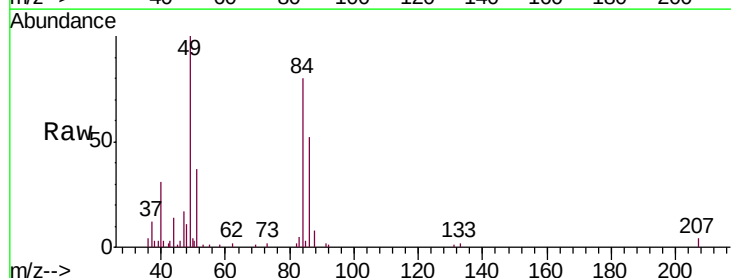
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBL01

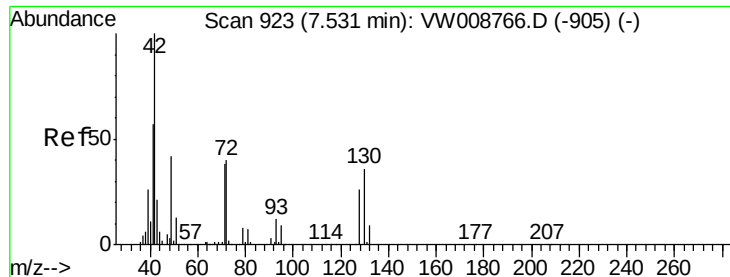
Tgt Ion: 43 Resp: 3726
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008938.D
Acq: 01 Mar 2019 23:44

Tgt Ion: 84 Resp: 12697
Ion Ratio Lower Upper
84 100
49 123.6 108.2 162.2
51 45.8 32.7 49.1
86 64.9 50.3 75.5

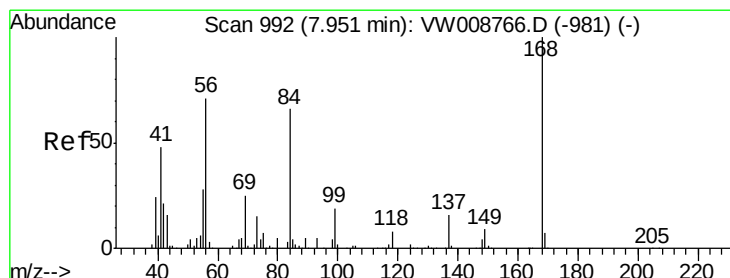
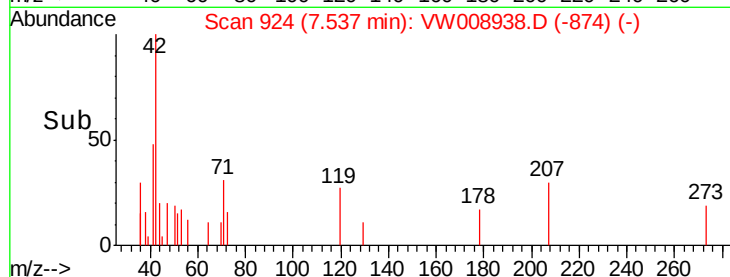
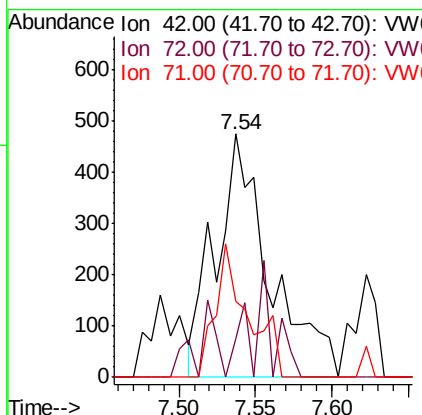
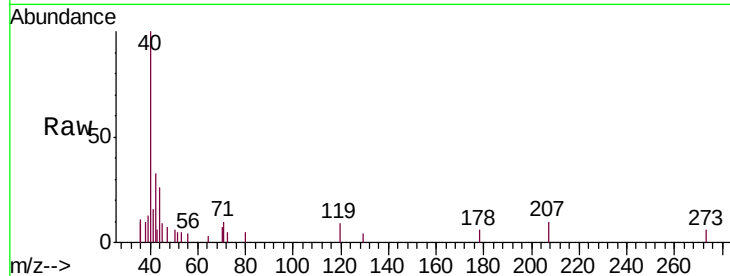




#29
Tetrahydrofuran
Concen: 1.908 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008938.D
Acq: 01 Mar 2019 23:44

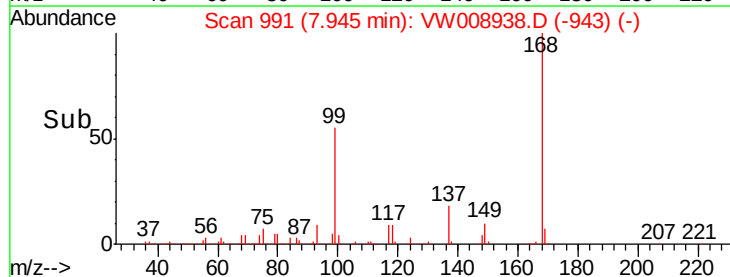
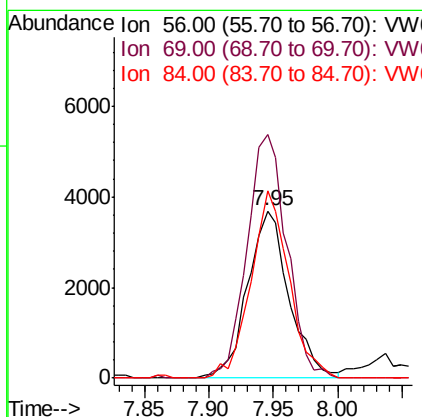
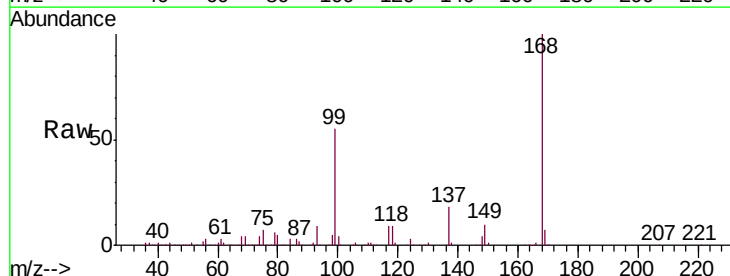
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBL01

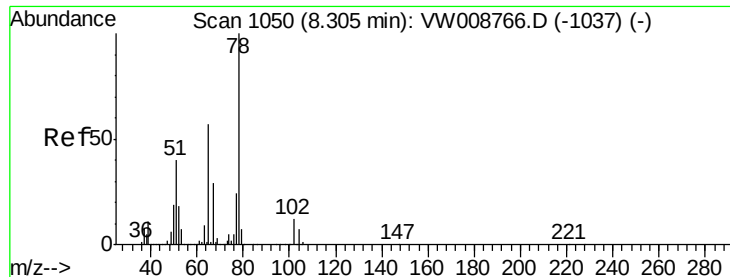
Tgt Ion: 42 Resp: 1164
Ion Ratio Lower Upper
42 100
72 7.0 32.7 49.1#
71 33.2 31.3 46.9



#31
Cyclohexane
Concen: 1.474 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008938.D
Acq: 01 Mar 2019 23:44

Tgt Ion: 56 Resp: 8210
Ion Ratio Lower Upper
56 100
69 145.9 28.2 42.4#
84 111.8 74.1 111.1#

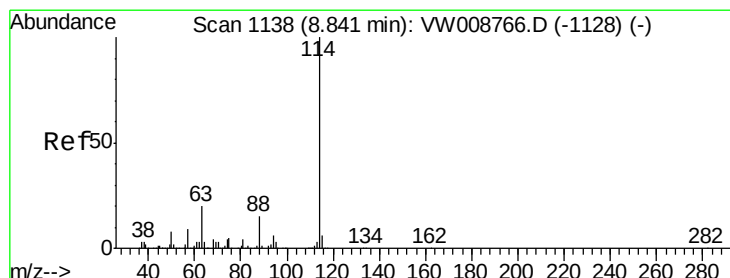
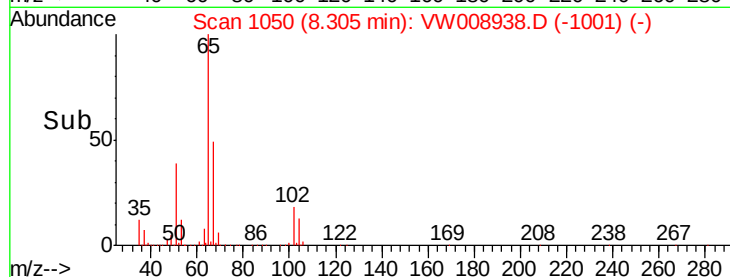
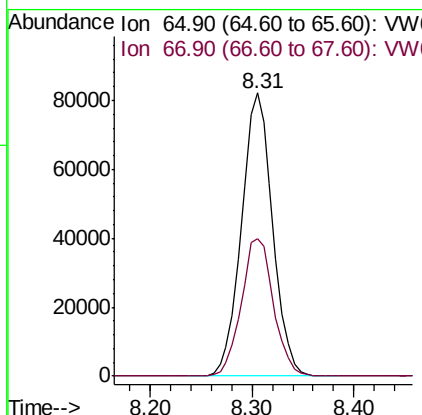
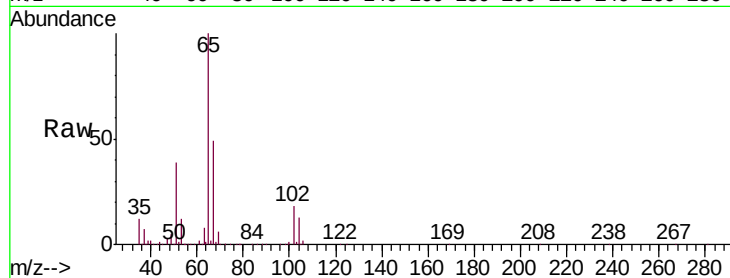




#33
 1,2-Dichloroethane-d4
 Concen: 58.797 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008938.D
 Acq: 01 Mar 2019 23:44

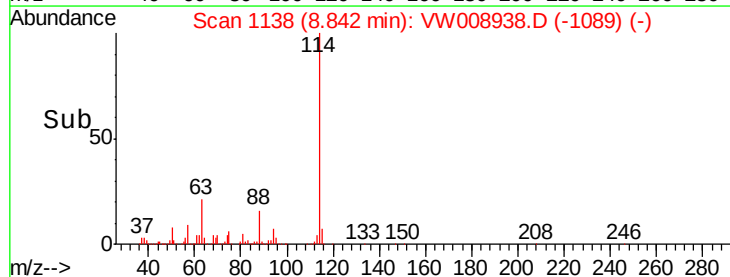
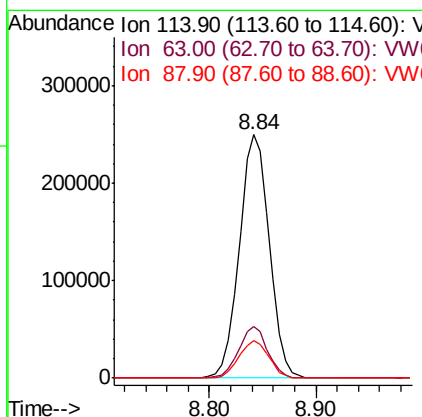
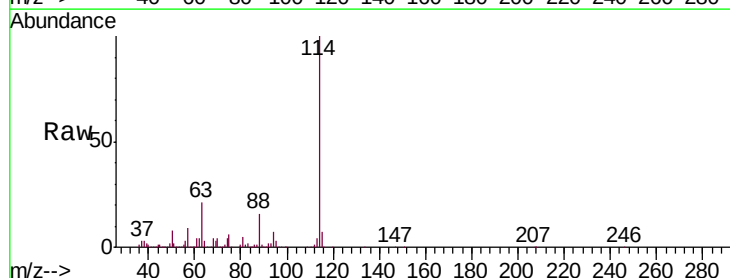
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0302SBL01

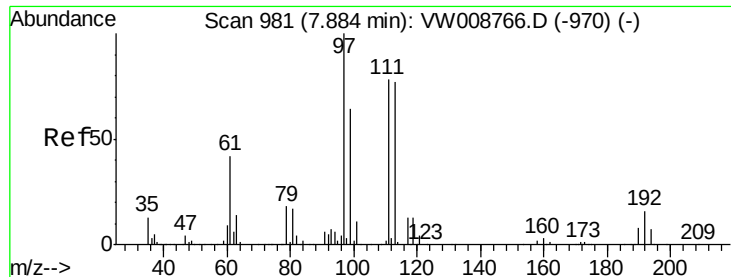
Tgt Ion: 65 Resp: 173735
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008938.D
 Acq: 01 Mar 2019 23:44

Tgt Ion: 114 Resp: 491891
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.8
 88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.448 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008938.D

Acq: 01 Mar 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBL01

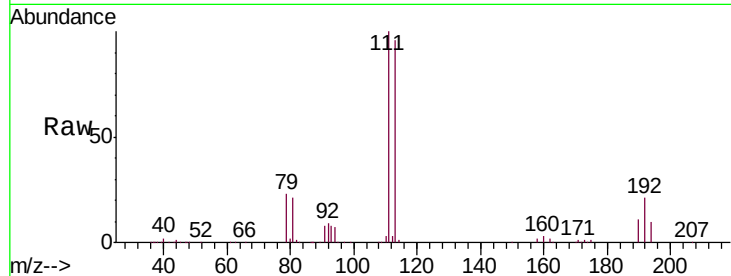
Tgt Ion:113 Resp: 146038

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

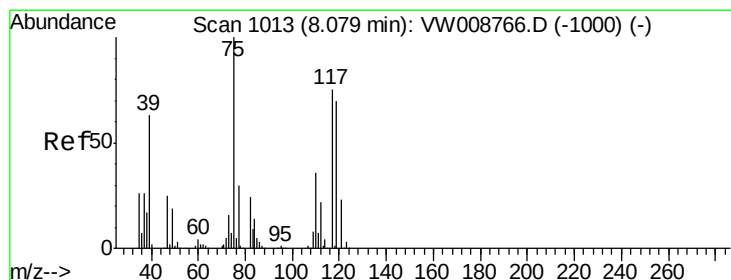
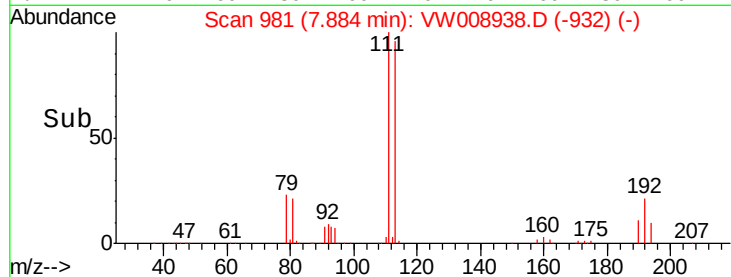
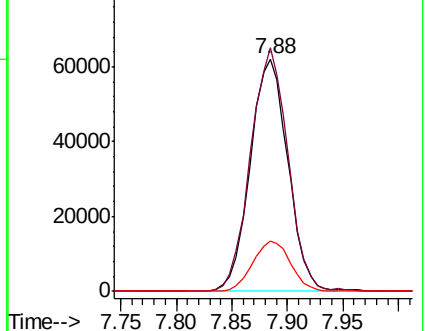
192 22.0 17.1 25.7



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: 5.058 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008938.D

Acq: 01 Mar 2019 23:44

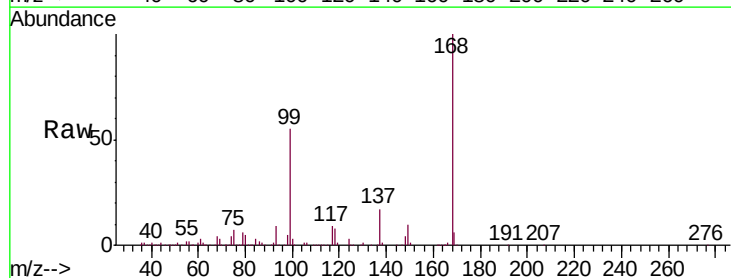
Tgt Ion: 75 Resp: 24220

Ion Ratio Lower Upper

75 100

110 9.0 17.5 52.6#

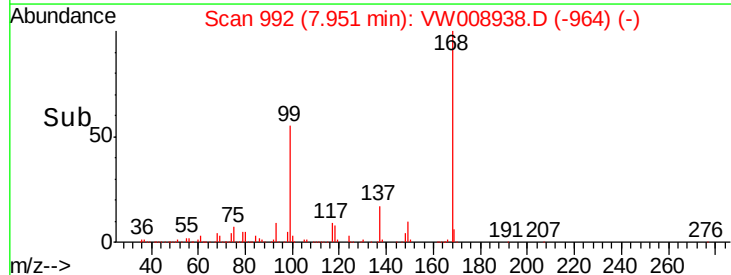
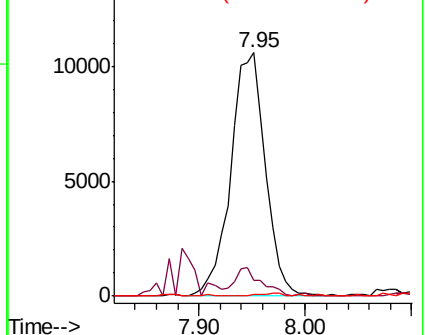
77 0.0 24.5 36.7#

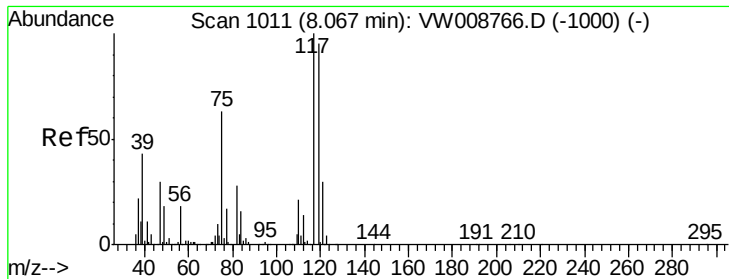


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.992 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW008938.D

Acq: 01 Mar 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBL01

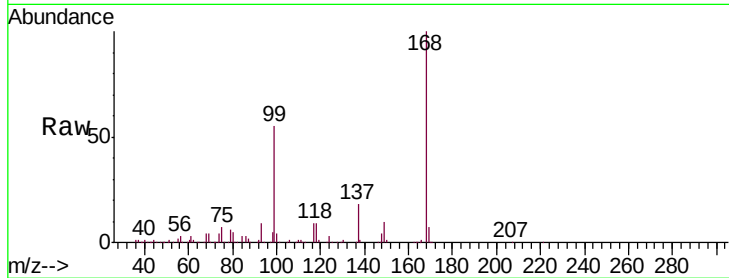
Tgt Ion:117 Resp: 30260

Ion Ratio Lower Upper

117 100

119 5.9 76.1 114.1#

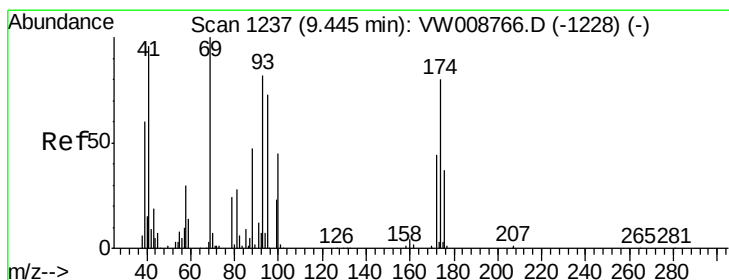
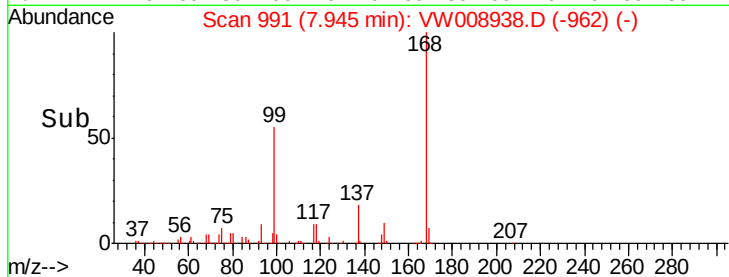
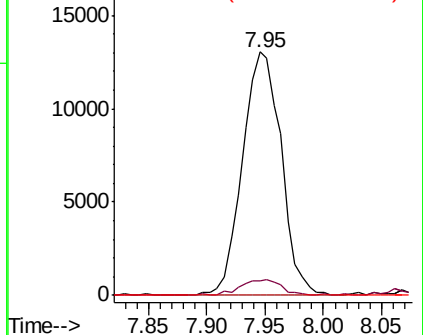
121 0.0 24.0 36.0#



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



#49

1,4-Dioxane

Concen: 5.629 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW008938.D

Acq: 01 Mar 2019 23:44

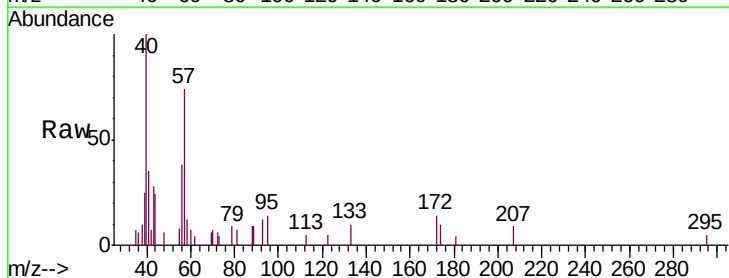
Tgt Ion: 88 Resp: 162

Ion Ratio Lower Upper

88 100

43 204.9 29.0 43.4#

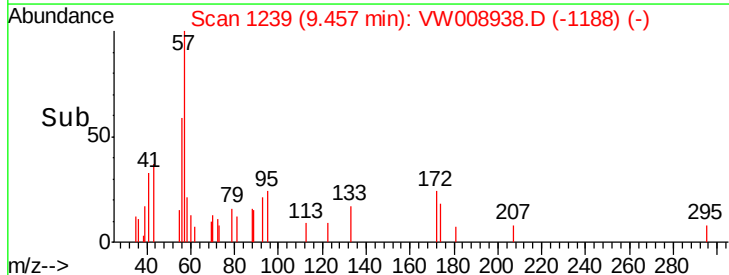
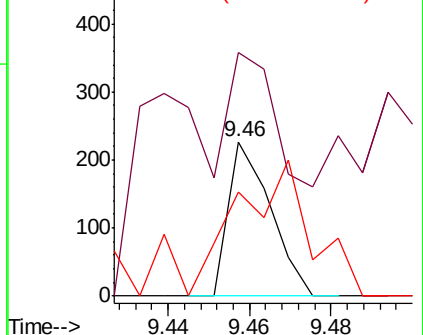
58 174.7 52.0 78.0#

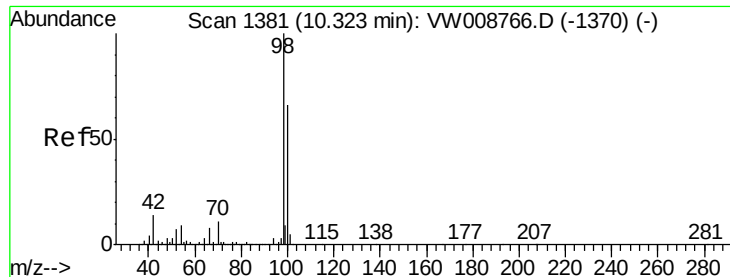


Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 51.922 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008938.D

Acq: 01 Mar 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

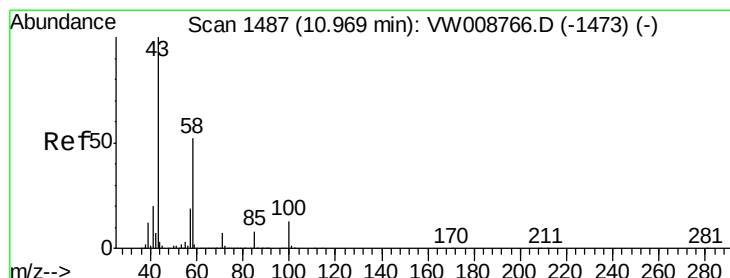
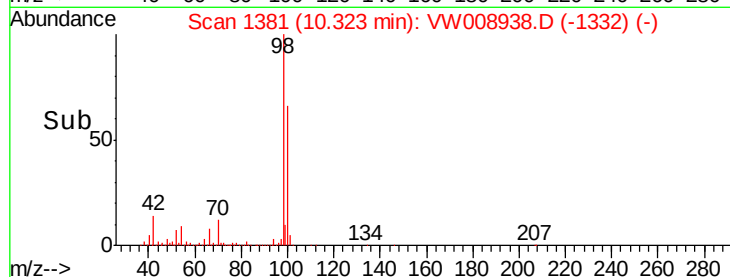
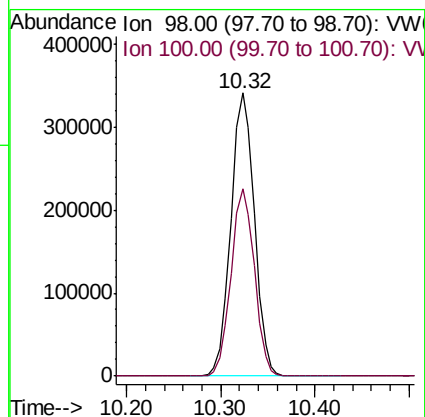
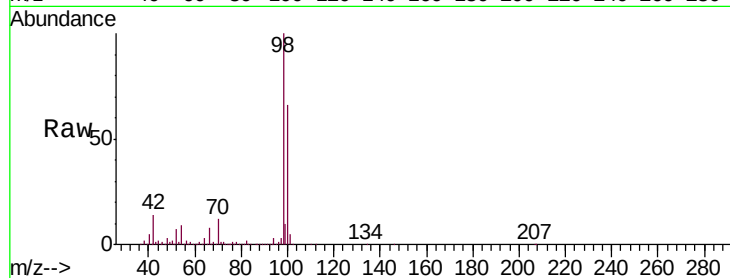
VW0302SBL01

Tgt Ion: 98 Resp: 591956

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



#59

2-Hexanone

Concen: 1.194 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW008938.D

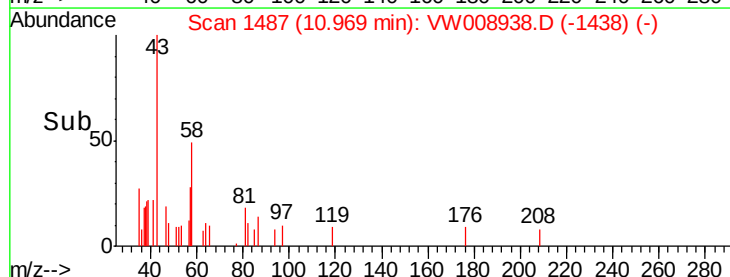
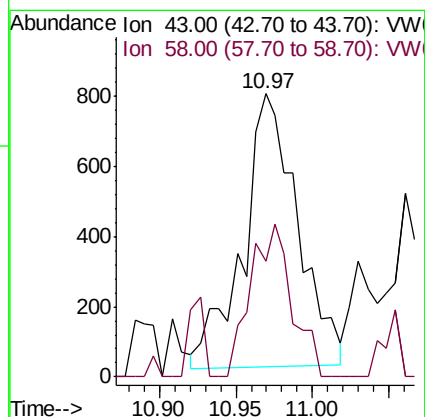
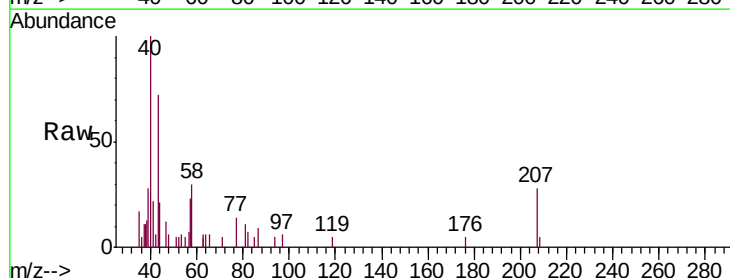
Acq: 01 Mar 2019 23:44

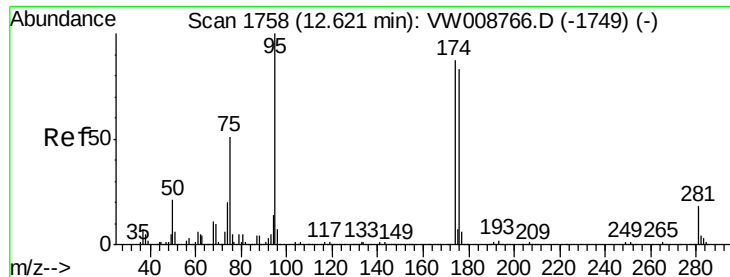
Tgt Ion: 43 Resp: 1918

Ion Ratio Lower Upper

43 100

58 42.9 25.3 75.8

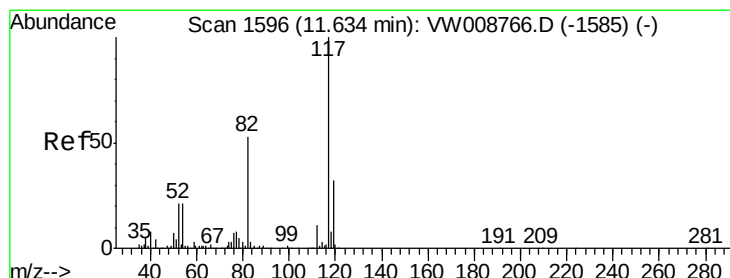
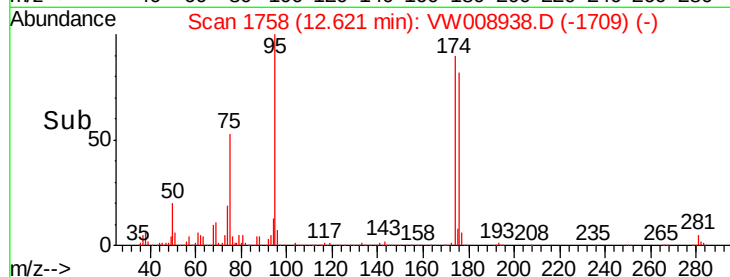
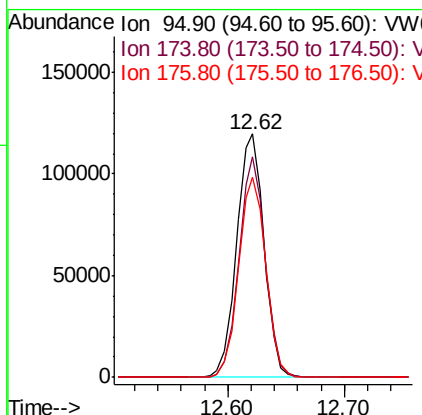
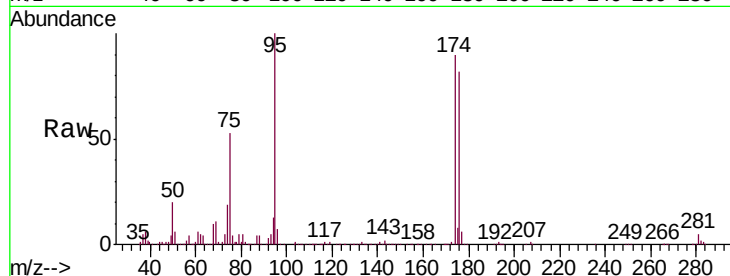




#62
4-Bromofluorobenzene
Concen: 43.782 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008938.D
Acq: 01 Mar 2019 23:44

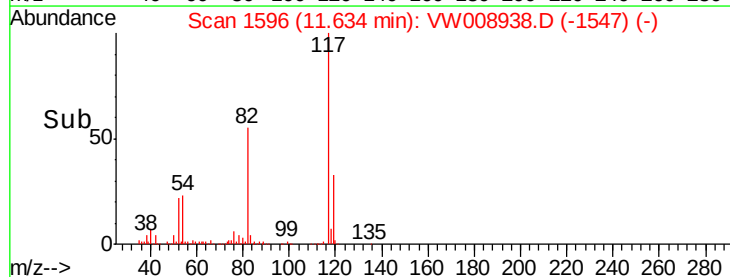
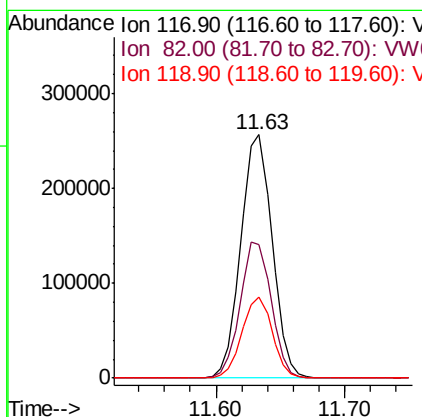
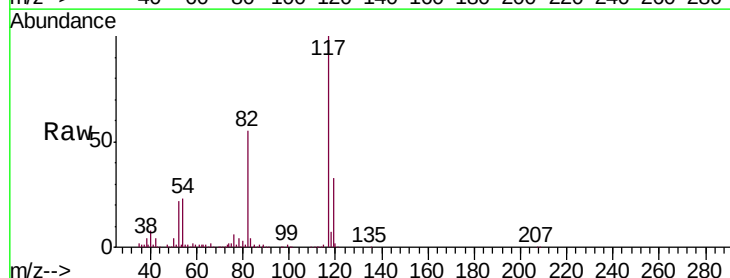
Instrument :
MSVOA_W
ClientSampleId :
VW0302SBL01

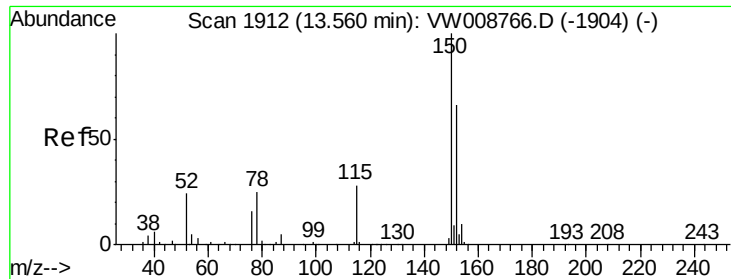
Tgt Ion: 95 Resp: 195438
Ion Ratio Lower Upper
95 100
174 86.6 0.0 169.2
176 81.8 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008938.D
Acq: 01 Mar 2019 23:44

Tgt Ion: 117 Resp: 432755
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 33.3 25.9 38.9



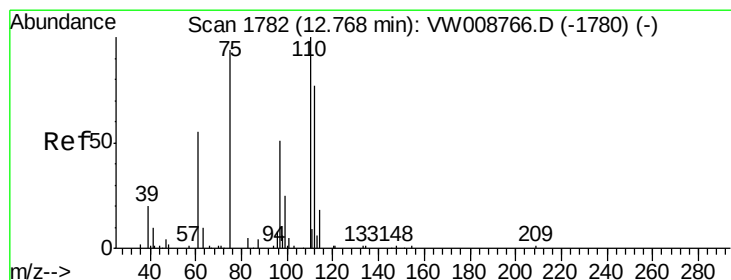
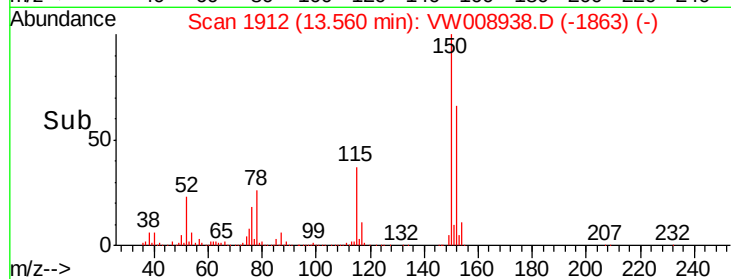
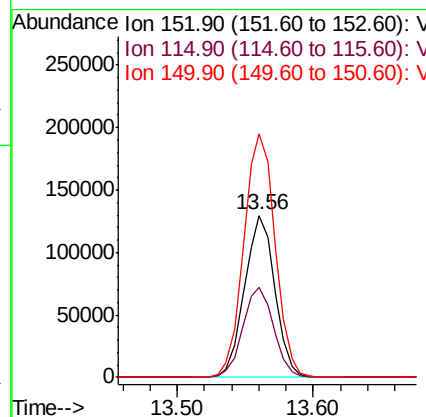
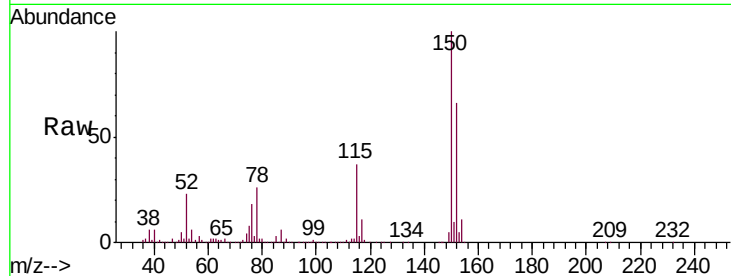


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008938.D
Acq: 01 Mar 2019 23:44

Instrument :
MSVOA_W
ClientSampleId :
VW0302SBL01

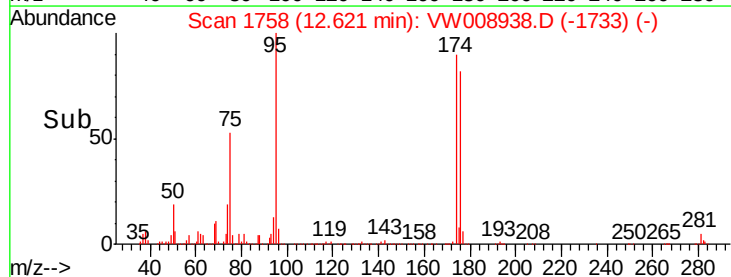
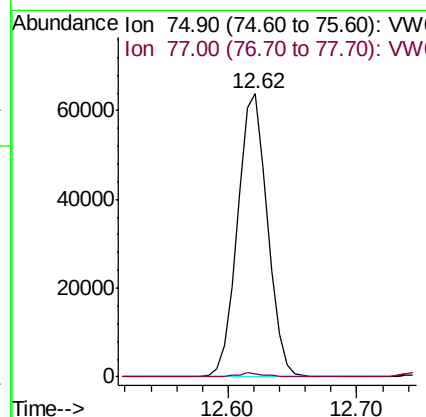
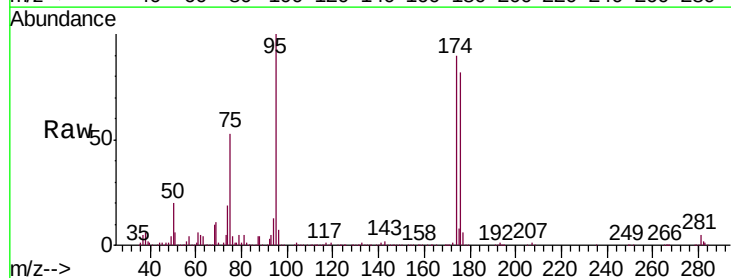
Tgt Ion: 152 Resp: 200791
Ion Ratio Lower Upper
152 100
115 56.9 28.6 85.8
150 156.1 0.0 348.0

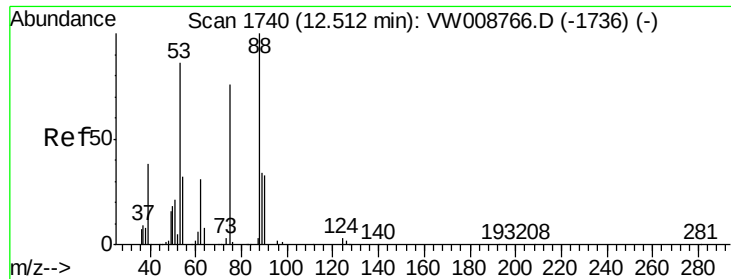


#76

1,2,3-Trichloropropane
Concen: 62.002 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008938.D
Acq: 01 Mar 2019 23:44

Tgt Ion: 75 Resp: 102787
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 150.732 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008938.D

Acq: 01 Mar 2019 23:44

Instrument :

MSVOA_W

ClientSampleId :

VW0302SBL01

Tgt Ion: 75 Resp: 102787

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

89 0.1 39.5 59.3#

