

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008908.D
 Acq On : 01 Mar 2019 02:16
 Operator : SY/VA
 Sample : K1643-01
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 INTERIOR-WALL

Quant Time: Mar 01 06:06:20 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	295970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	460504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193263	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	164793	59.36	ug/l	0.00
Spiked Amount			Recovery	=	118.72%	
35) Dibromofluoromethane	7.88	113	139609	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.32	98	548830	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	
62) 4-Bromofluorobenzene	12.62	95	187734	44.92	ug/l	0.00
Spiked Amount			Recovery	=	89.84%	

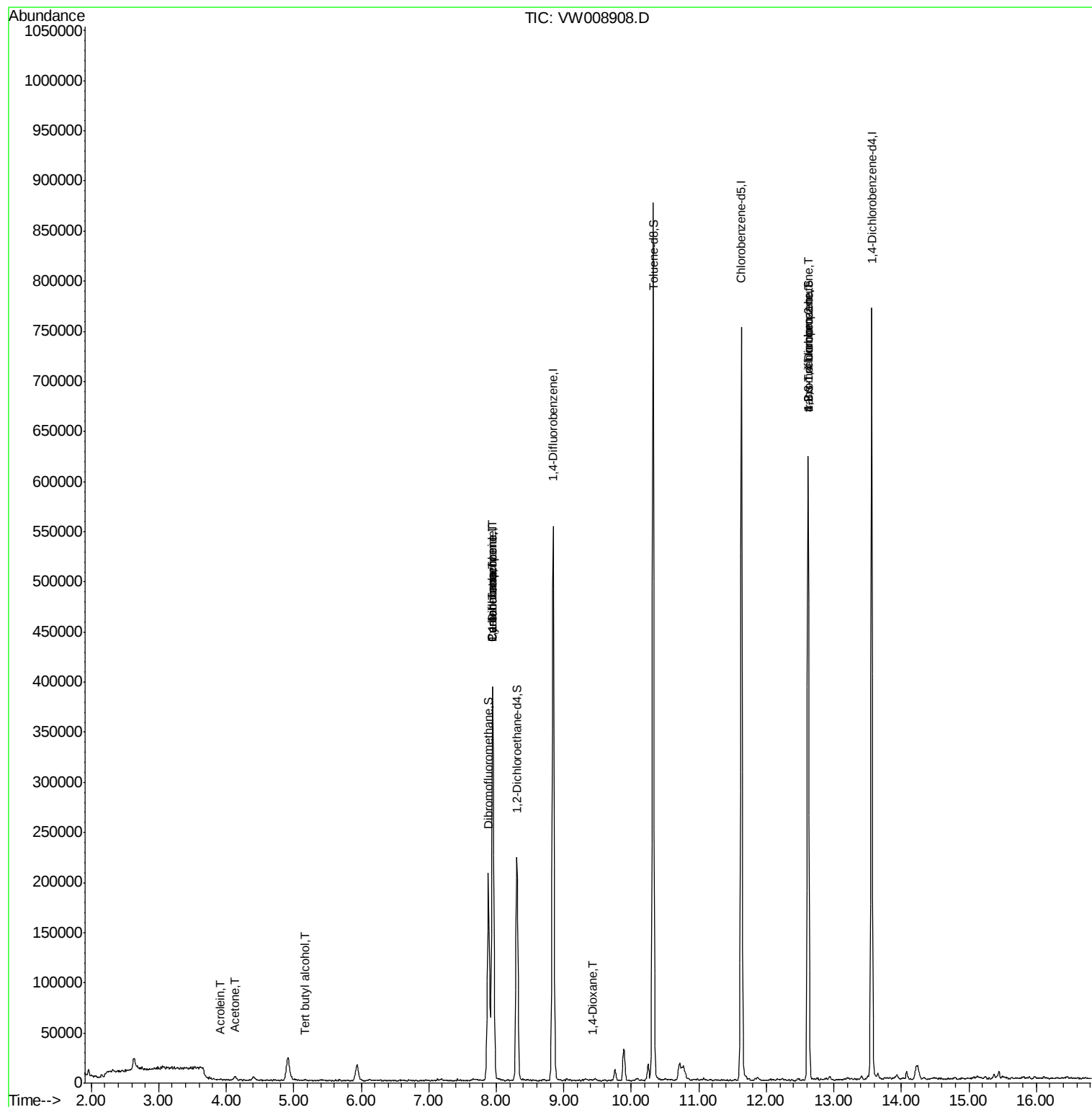
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	599	2.424	ug/l	98
13) Acrolein	3.90	56	107	20.158	ug/l #	1
16) Acetone	4.14	43	5966	9.272	ug/l #	84
31) Cyclohexane	7.95	56	7208	1.377	ug/l #	26
36) 1,1-Dichloropropene	7.95	75	23173	5.169	ug/l #	50
38) Carbon Tetrachloride	7.95	117	27980	5.919	ug/l #	17
49) 1,4-Dioxane	9.43	88	61	2.264	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	98872	61.964	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	98872	150.639	ug/l #	6

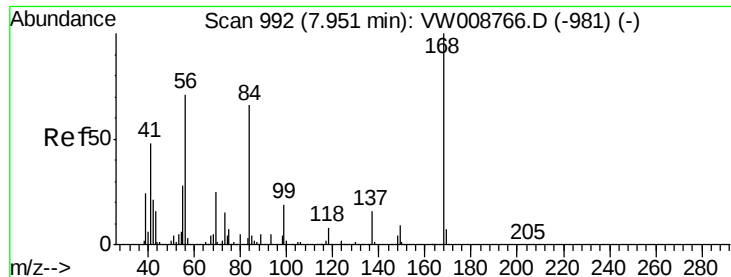
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008908.D

Acq: 01 Mar 2019 02:16

Instrument :

MSVOA_W

ClientSampleId :

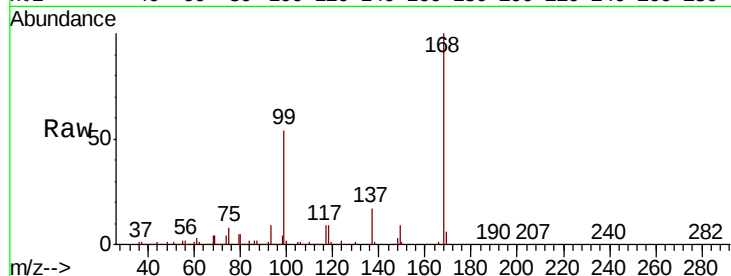
INTERIOR-WALL

Tot Ion:168 Resp: 295970

Ion Ratio Lower Upper

168 100

99 53.5 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

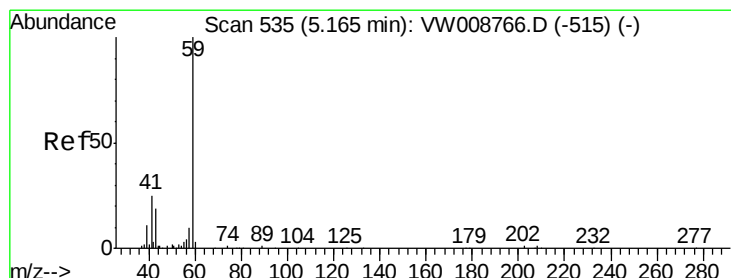
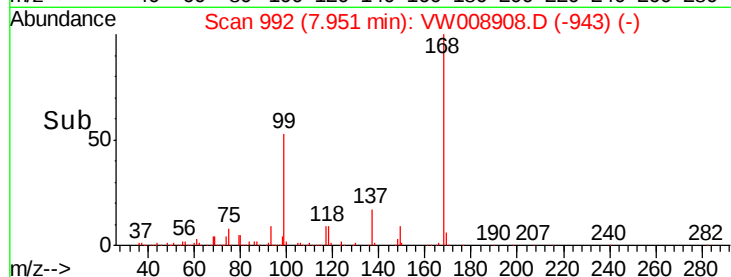
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.424 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW008908.D

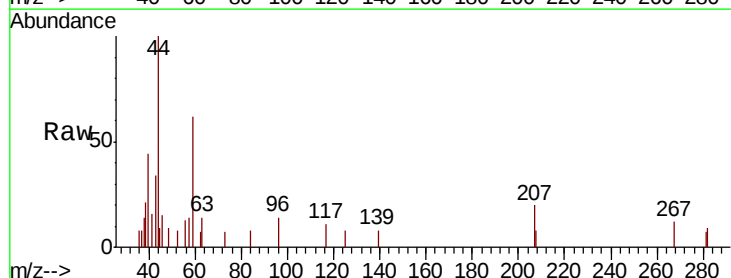
Acq: 01 Mar 2019 02:16

Tgt Ion: 59 Resp: 599

Ion Ratio Lower Upper

59 100

57 10.9 9.3 13.9



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

500

400

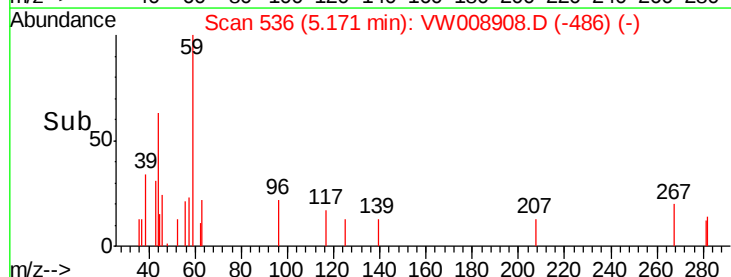
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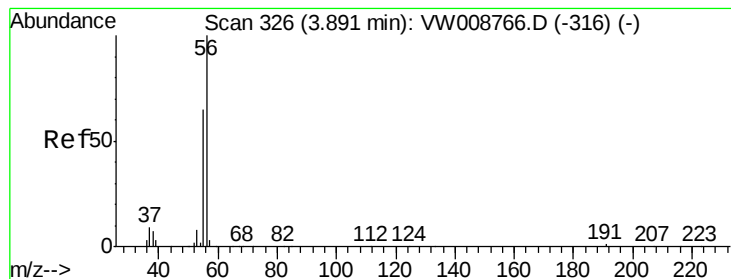
200

100

0

Time-->





#13

Acrolein

Concen: 20.158 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW008908.D

Acq: 01 Mar 2019 02:16

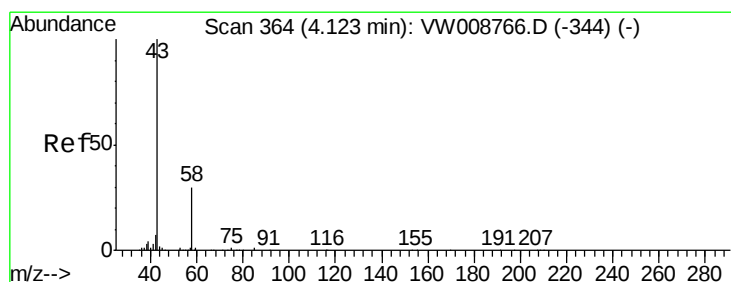
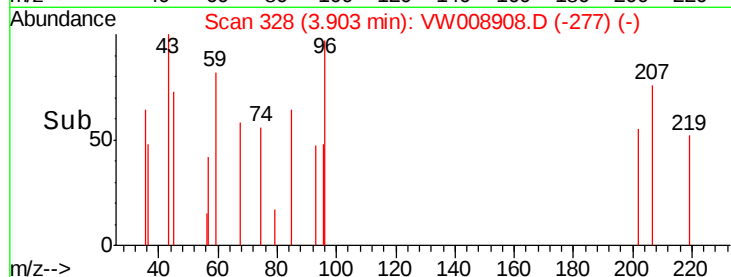
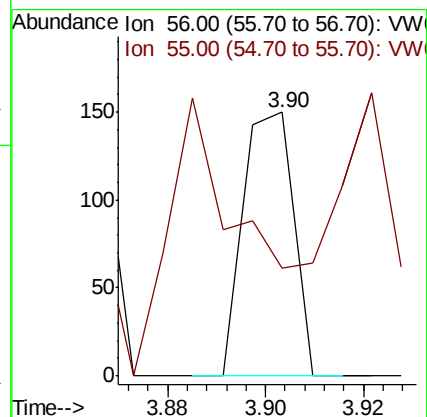
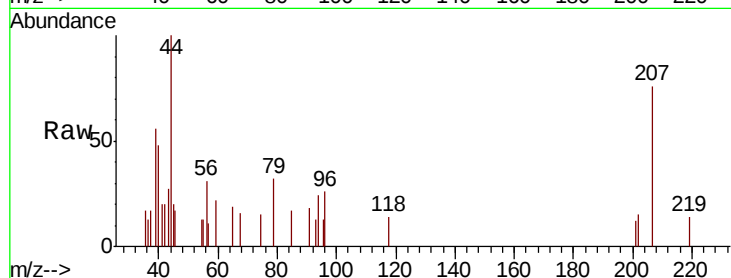
Instrument :
MSVOA_W
ClientSampled :
INTERIOR-WALL

Tot Ion: 56 Resp: 107

Ion Ratio Lower Upper

56 100

55 157.0 56.9 85.3#



#16

Acetone

Concen: 9.272 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW008908.D

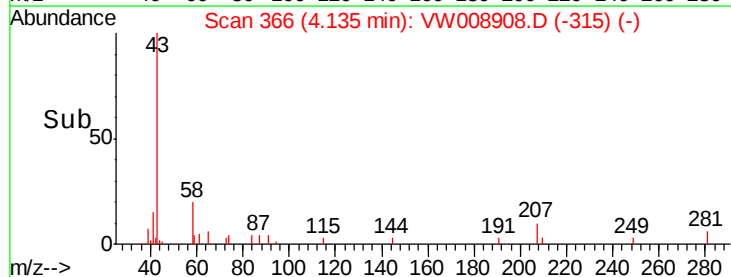
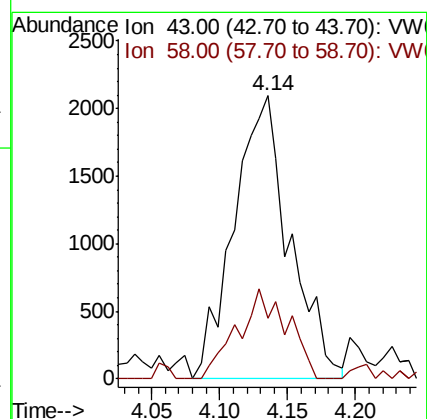
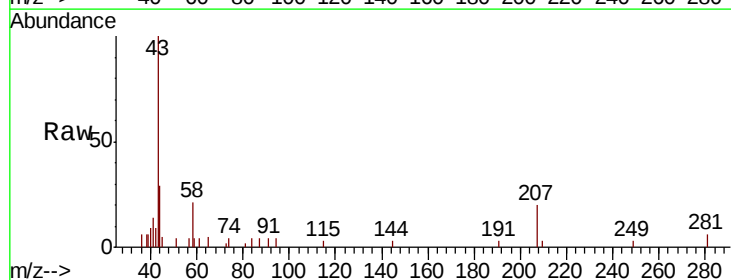
Acq: 01 Mar 2019 02:16

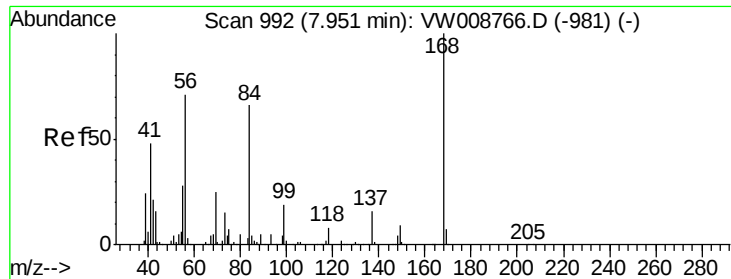
Tgt Ion: 43 Resp: 5966

Ion Ratio Lower Upper

43 100

58 21.2 23.8 35.6#

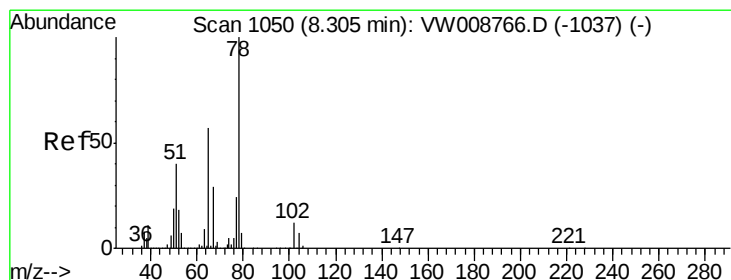
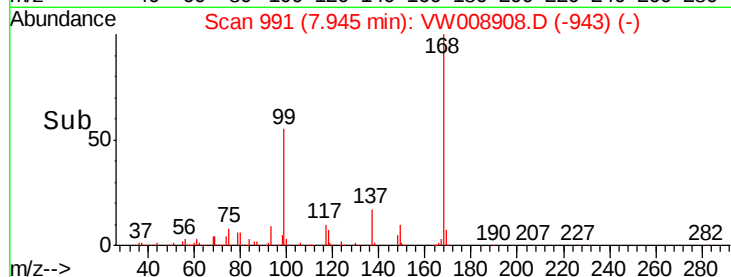
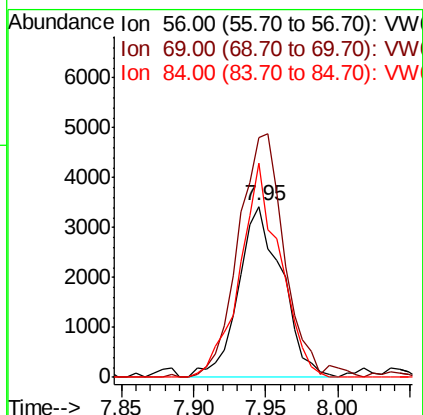
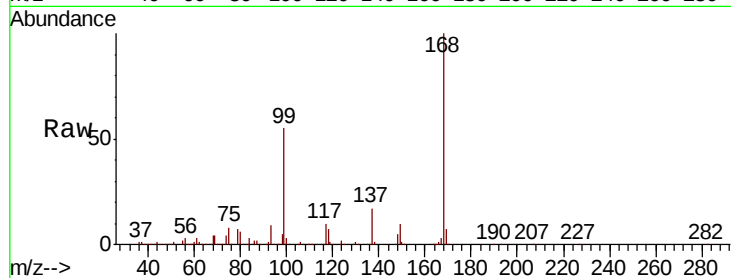




#31
Cyclohexane
Concen: 1.377 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008908.D
Acq: 01 Mar 2019 02:16

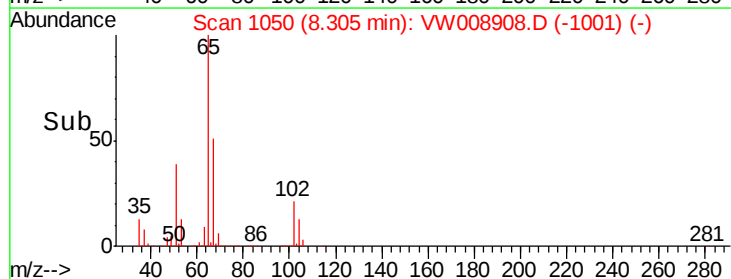
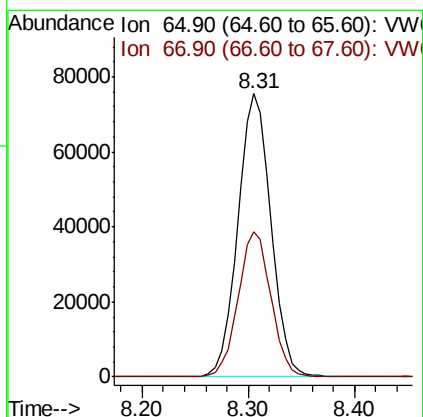
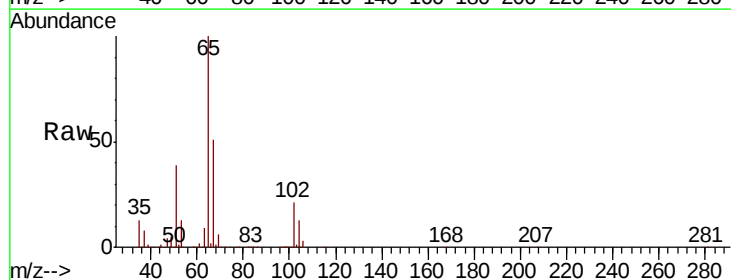
Instrument :
MSVOA_W
ClientSampleId :
INTERIOR-WALL

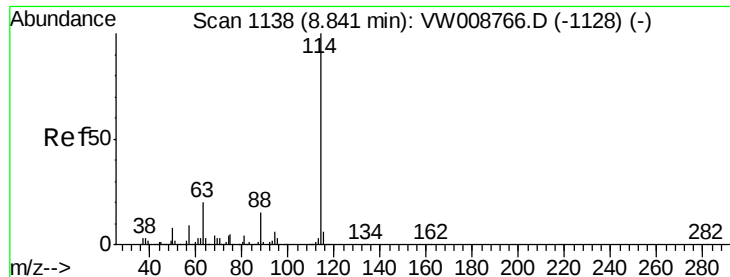
Tot Ion: 56 Resp: 7208
Ion Ratio Lower Upper
56 100
69 140.0 28.2 42.4#
84 124.9 74.1 111.1#



#33
1,2-Dichloroethane-d4
Concen: 59.365 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008908.D
Acq: 01 Mar 2019 02:16

Tgt Ion: 65 Resp: 164793
Ion Ratio Lower Upper
65 100
67 51.1 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: VW008908.D

Acq: 01 Mar 2019 02:16

Instrument :

MSVOA_W

ClientSampleId :

INTERIOR-WALL

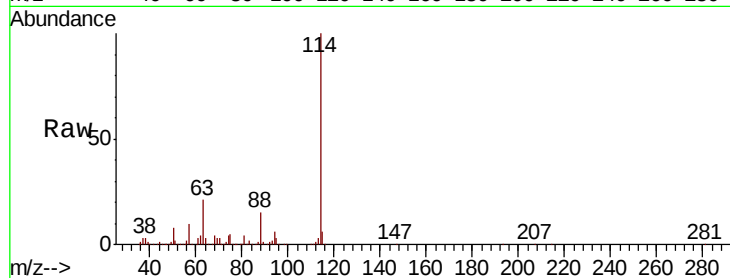
Tot Ion:114 Resp: 460504

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

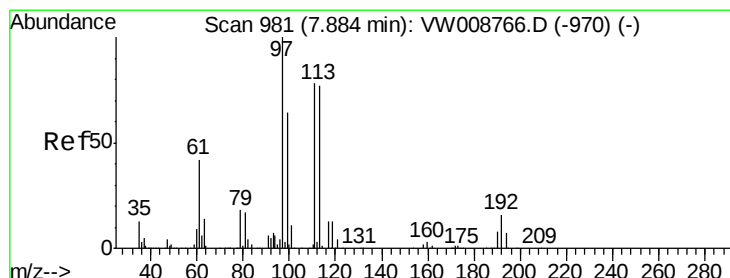
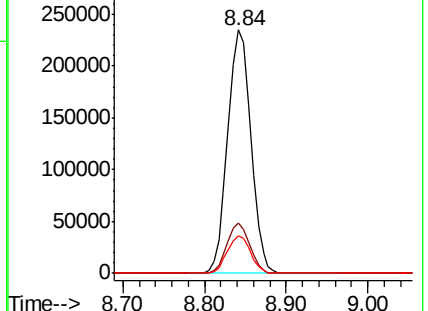
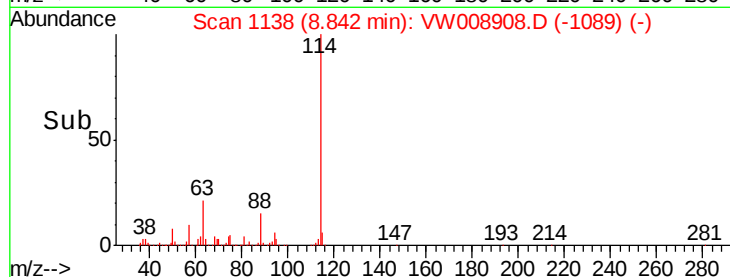
88 15.3 0.0 30.4



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: 50.493 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008908.D

Acq: 01 Mar 2019 02:16

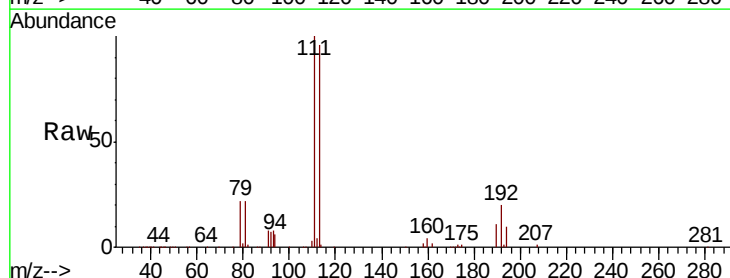
Tgt Ion:113 Resp: 139609

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

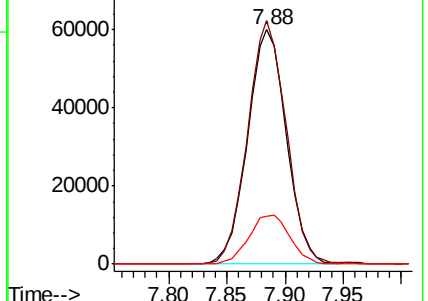
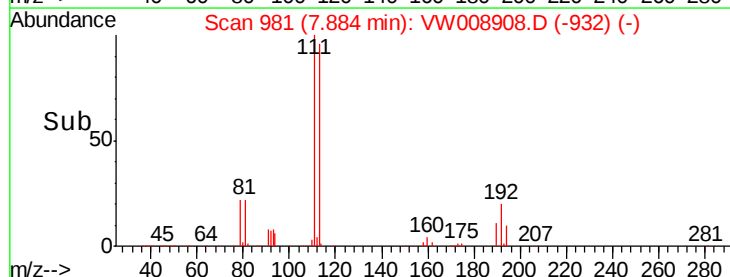
192 22.2 17.1 25.7

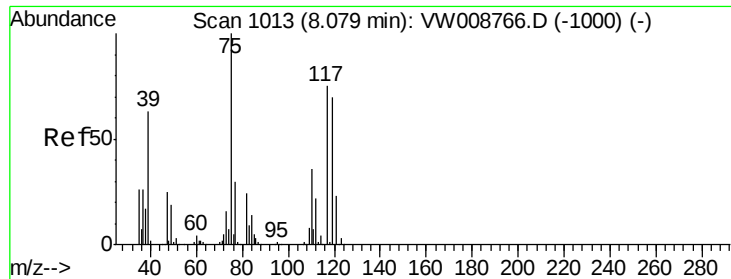


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

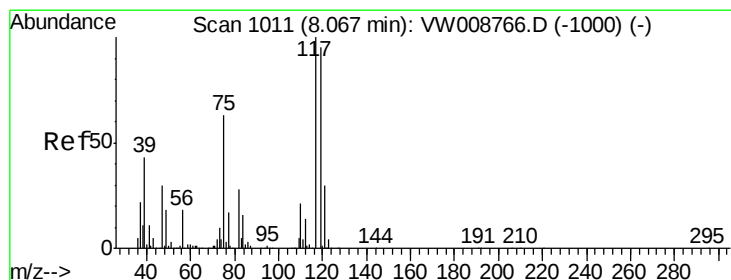
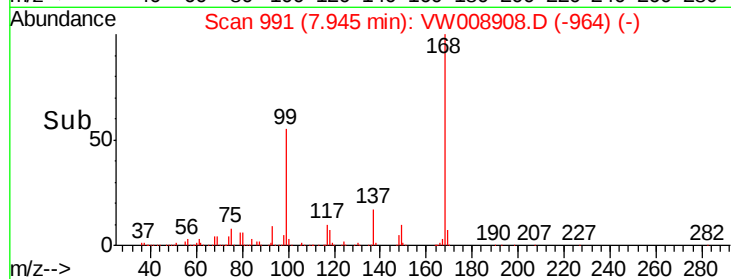
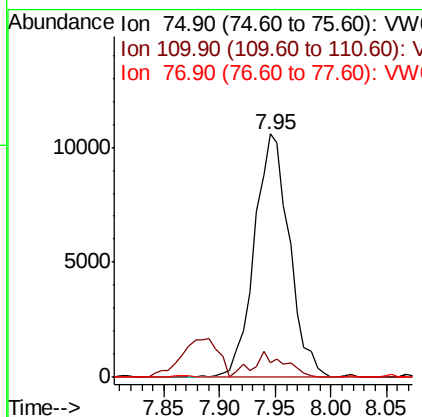
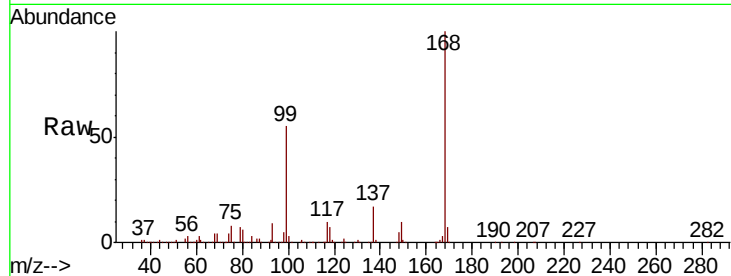




#36
 1,1-Dichloropropene
 Concen: 5.169 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008908.D
 Acq: 01 Mar 2019 02:16

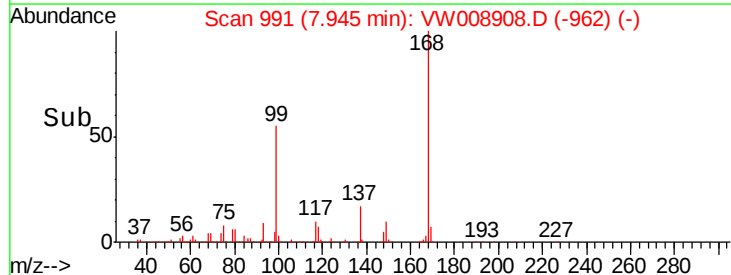
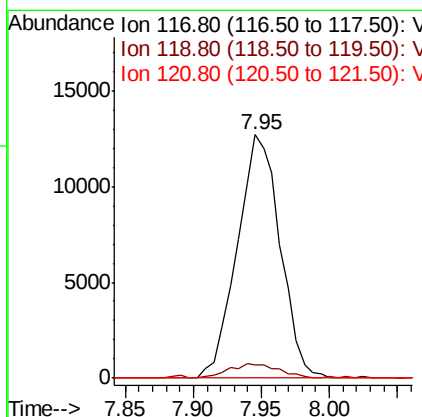
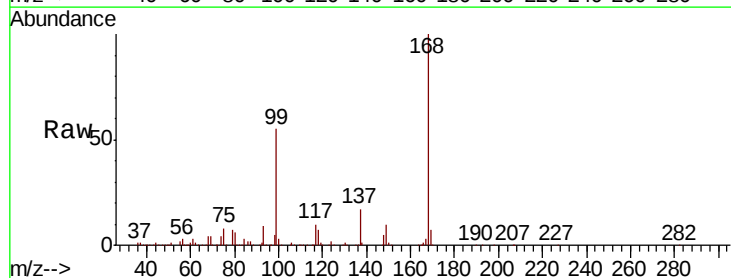
Instrument :
 MSVOA_W
 ClientSampled :
 INTERIOR-WALL

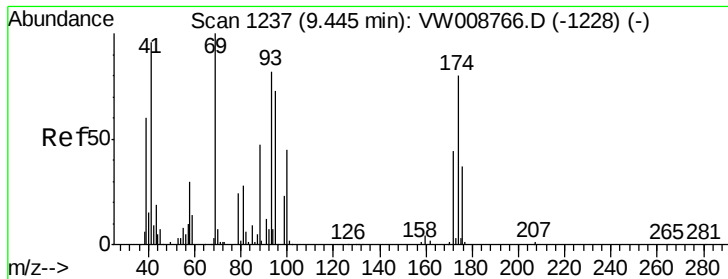
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 5.919 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008908.D
 Acq: 01 Mar 2019 02:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.1	114.1#
121	0.0	24.0	36.0#

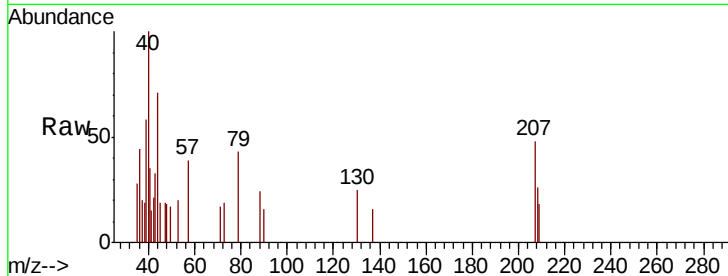




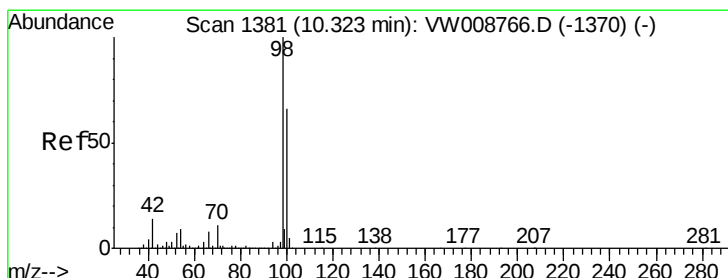
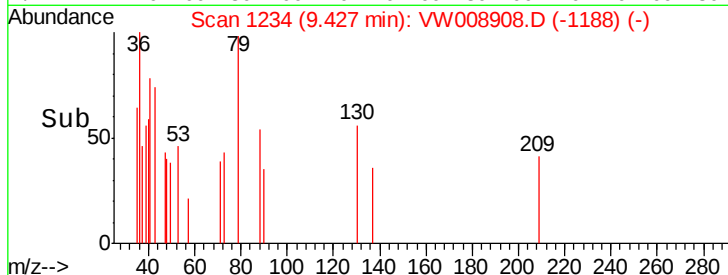
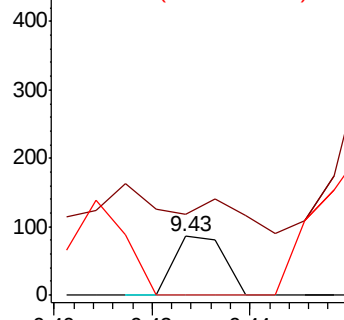
#49
1,4-Dioxane
Concen: 2.264 ug/l
RT: 9.43 min Scan# 1234
Delta R.T. -0.02 min
Lab File: VW008908.D
Acq: 01 Mar 2019 02:16

Instrument :
MSVOA_W
ClientSampleId :
INTERIOR-WALL

Tot Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 29.0 43.4#
58 173.8 52.0 78.0#

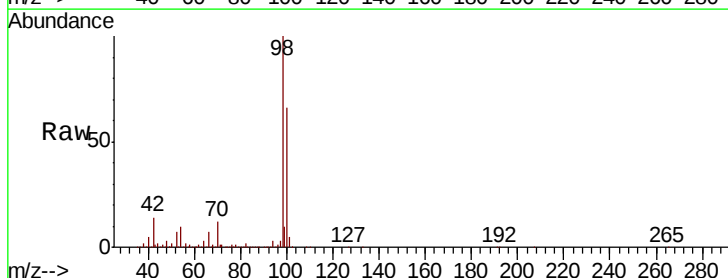


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

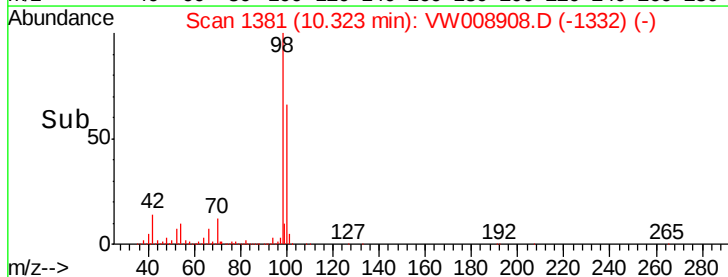
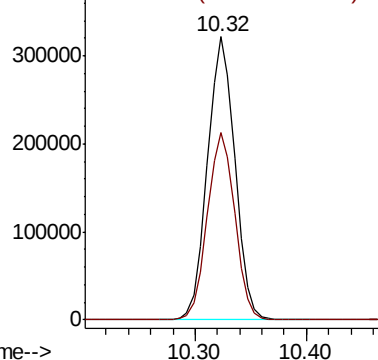


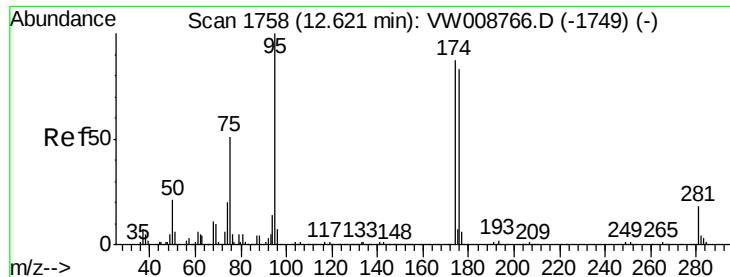
#50
Toluene-d8
Concen: 51.420 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008908.D
Acq: 01 Mar 2019 02:16

Tgt Ion: 98 Resp: 548830
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6



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

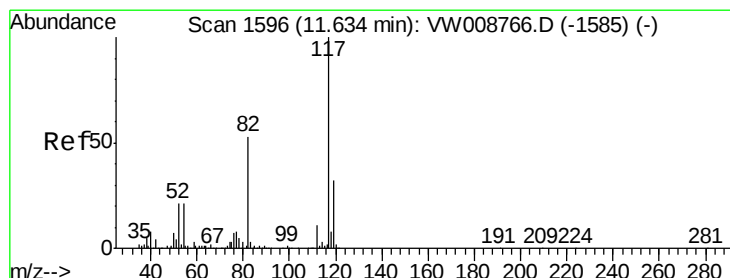
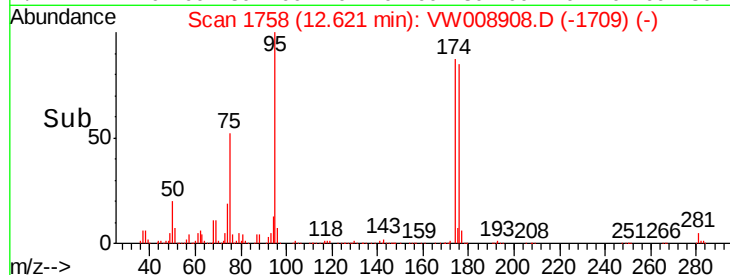
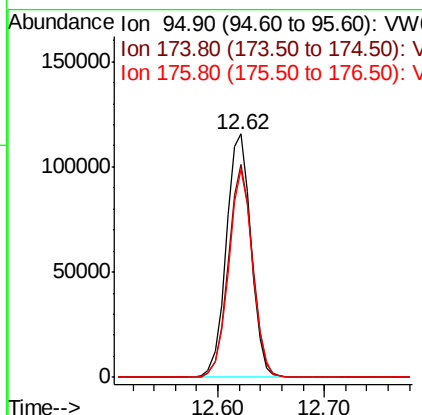
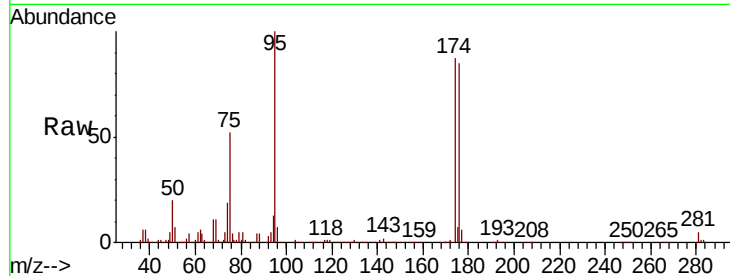




#62
4-Bromofluorobenzene
Concen: 44.922 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008908.D
Acq: 01 Mar 2019 02:16

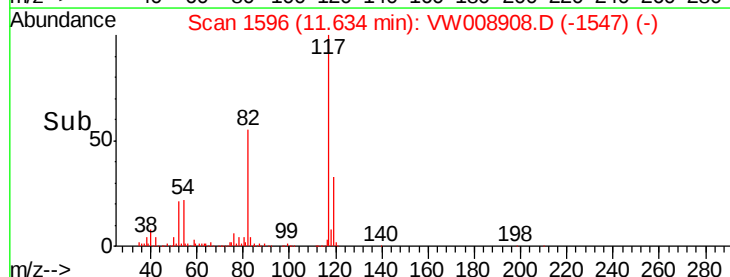
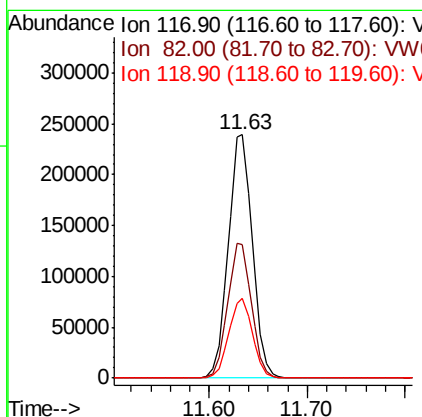
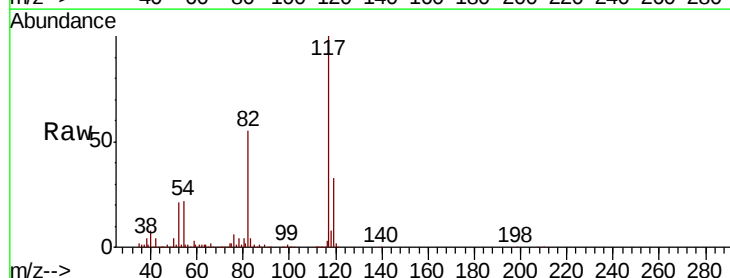
Instrument :
MSVOA_W
ClientSampleId :
INTERIOR-WALL

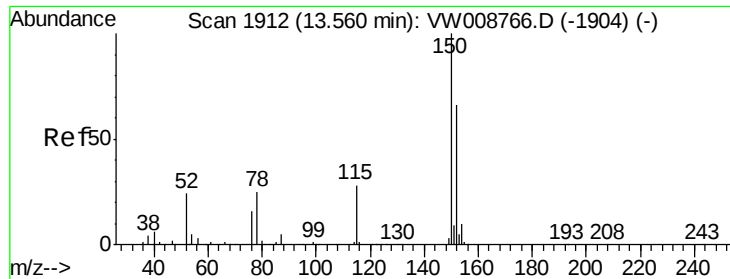
Tot Ion: 95 Resp: 187734
Ion Ratio Lower Upper
95 100
174 85.9 0.0 169.2
176 83.0 0.0 163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008908.D
Acq: 01 Mar 2019 02:16

Tgt Ion: 117 Resp: 407302
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.8 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: VW008908.D

Acq: 01 Mar 2019 02:16

Instrument :

MSVOA_W

ClientSampled :

INTERIOR-WALL

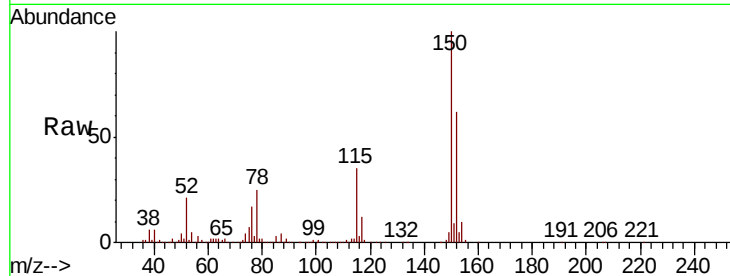
Tot Ion:152 Resp: 193263

Ion Ratio Lower Upper

152 100

115 57.3 28.6 85.8

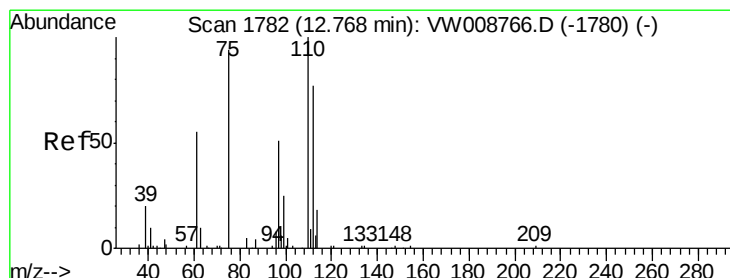
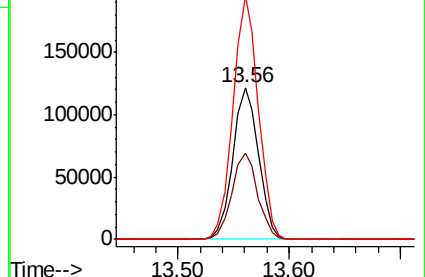
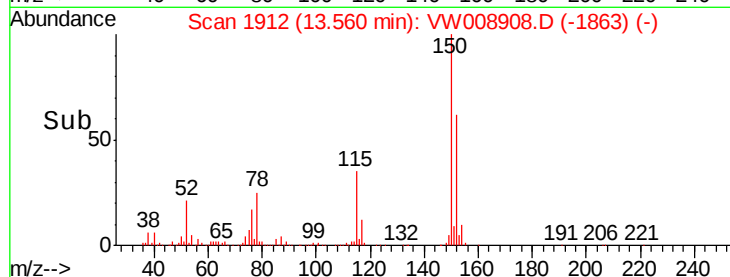
150 158.2 0.0 348.0



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: 61.964 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008908.D

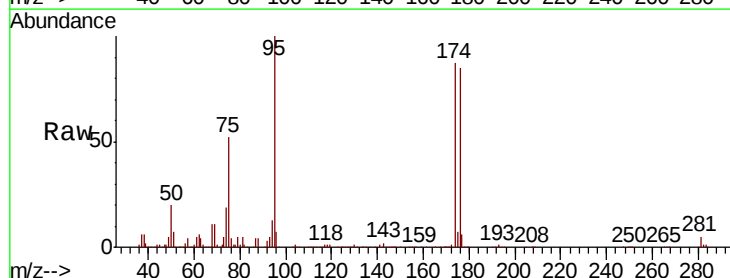
Acq: 01 Mar 2019 02:16

Tgt Ion: 75 Resp: 98872

Ion Ratio Lower Upper

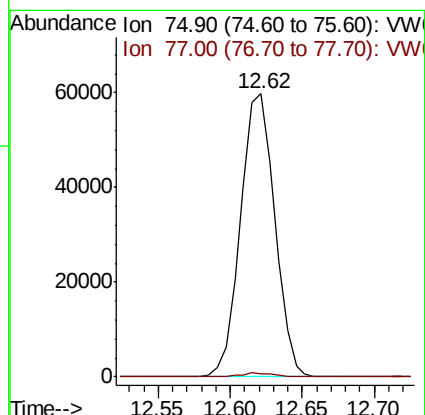
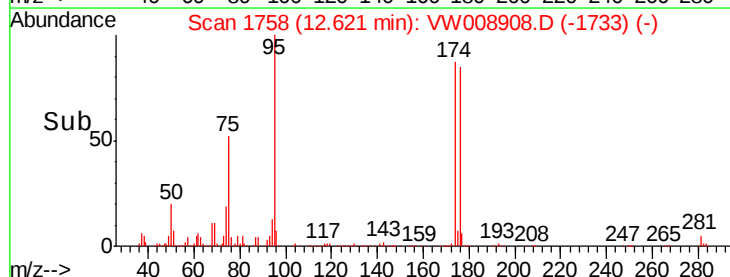
75 100

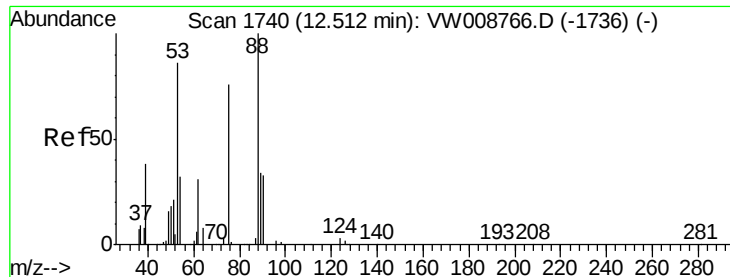
77 1.3 0.0 0.0#



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: 150.639 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008908.D

Acq: 01 Mar 2019 02:16

Instrument :

MSVOA_W

ClientSampleId :

INTERIOR-WALL

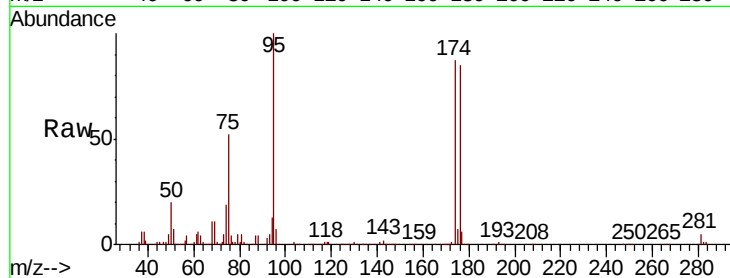
Tot Ion: 75 Resp: 98872

Ion Ratio Lower Upper

75 100

53 0.2 88.2 132.2#

89 0.0 39.5 59.3#



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

