

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021519\
 Data File : VW008719.D
 Acq On : 16 Feb 2019 08:24
 Operator : SY/VA
 Sample : K1513-05
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 INNER-WALL

Quant Time: Feb 18 08:01:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	360834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	542702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	233690	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	184742	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
35) Dibromofluoromethane	7.88	113	169245	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	10.32	98	650120	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.62	95	223673	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

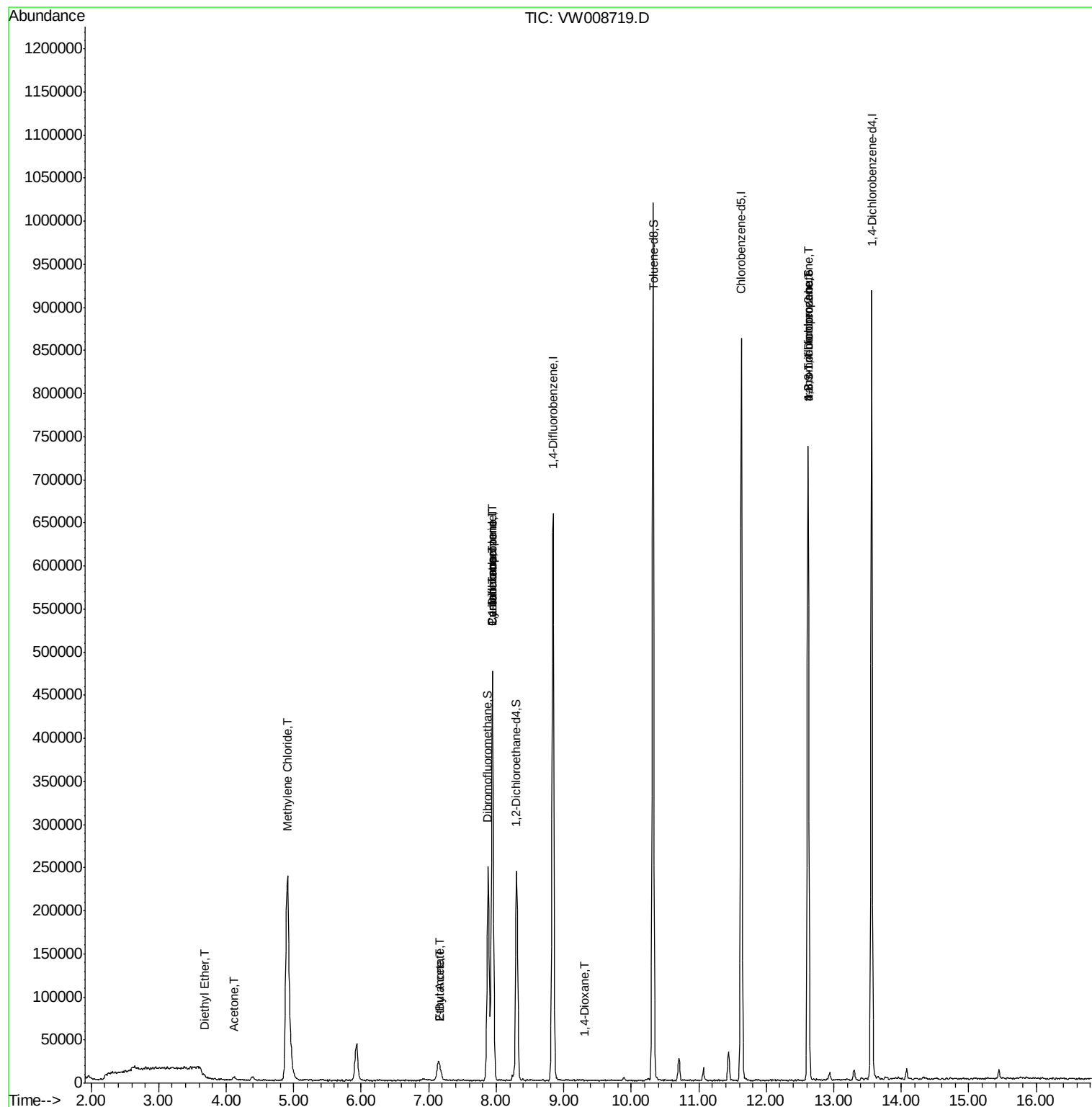
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	2038	1.002	ug/l	84
16) Acetone	4.12	43	7012	8.214	ug/l #	88
20) Methylene Chloride	4.90	84	207233	55.962	ug/l	91
25) 2-Butanone	7.17	43	12836	10.649	ug/l	97
31) Cyclohexane	7.94	56	8433	1.229	ug/l #	18
36) 1,1-Dichloropropene	7.94	75	26444	4.850	ug/l #	50
37) Ethyl Acetate	7.17	43	12836	4.880	ug/l #	86
38) Carbon Tetrachloride	7.95	117	34706	6.401	ug/l #	18
49) 1,4-Dioxane	9.30	88	58	1.790	ug/l #	47
76) 1,2,3-Trichloropropane	12.62	75	113591	49.225	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	113591	105.582	ug/l #	6

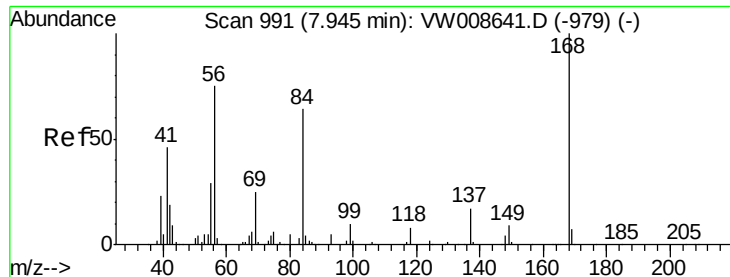
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW021519\
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Quant Time: Feb 18 08:01:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

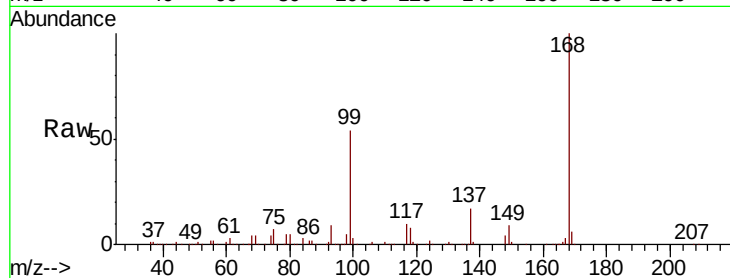
INNER-WALL

Tgt Ion:168 Resp: 360834

Ion Ratio Lower Upper

168 100

99 54.1 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

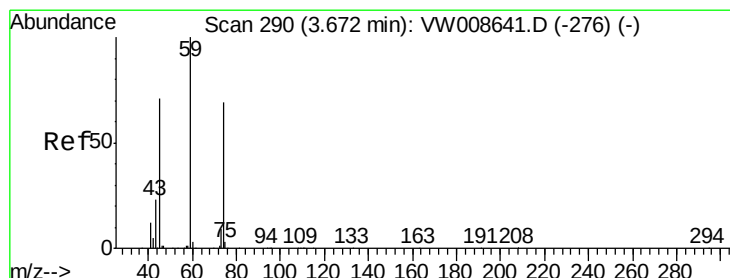
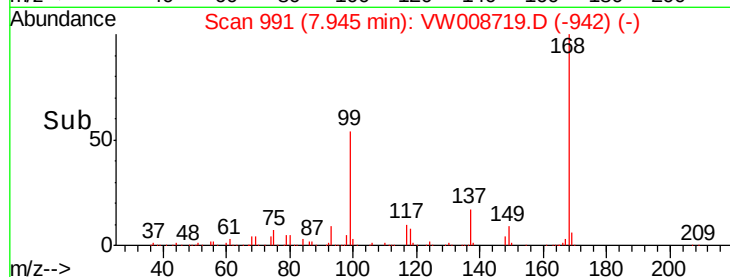
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.002 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW008719.D

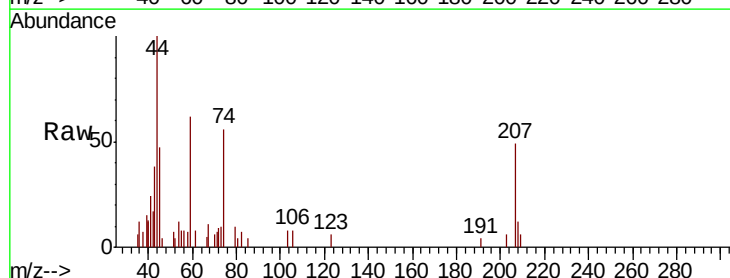
Acq: 16 Feb 2019 08:24

Tgt Ion: 74 Resp: 2038

Ion Ratio Lower Upper

74 100

45 116.3 50.2 150.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

1200

1000

800

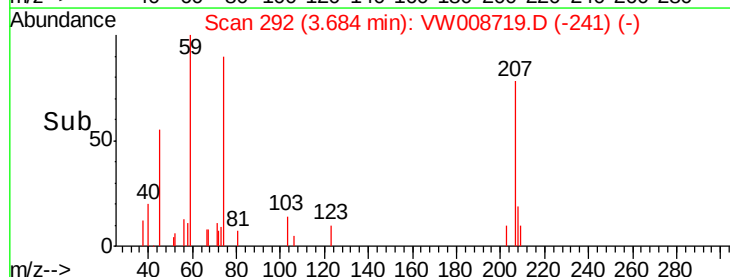
600

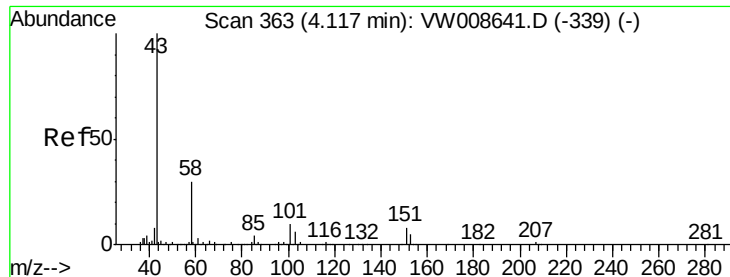
400

200

0

Time-->





#16

Acetone

Concen: 8.214 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

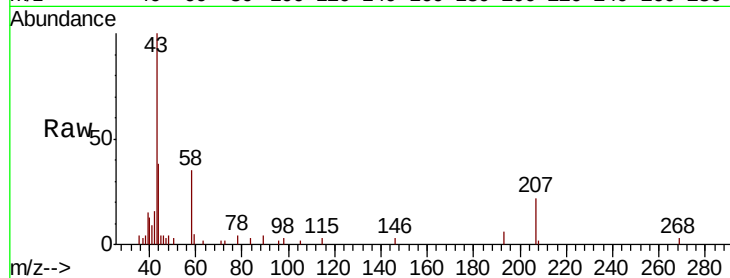
INNER-WALL

Tgt Ion: 43 Resp: 7012

Ion Ratio Lower Upper

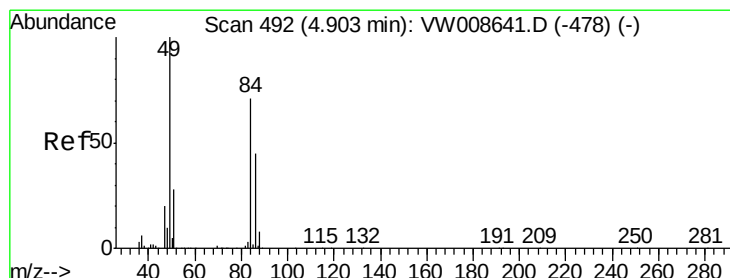
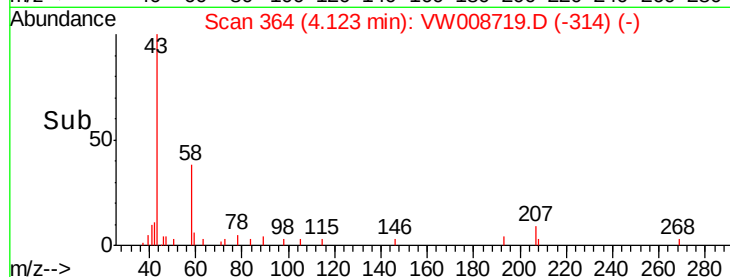
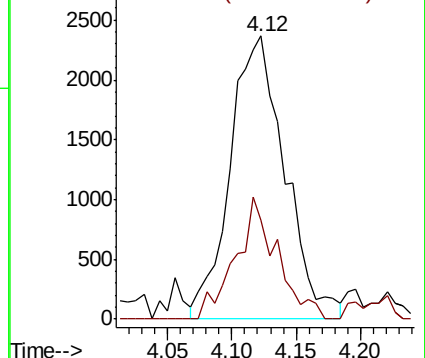
43 100

58 36.5 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 55.962 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

Tgt Ion: 84 Resp: 207233

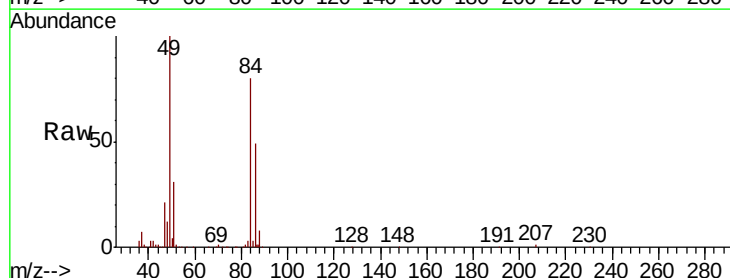
Ion Ratio Lower Upper

84 100

49 125.0 113.3 169.9

51 38.4 32.1 48.1

86 61.5 50.9 76.3

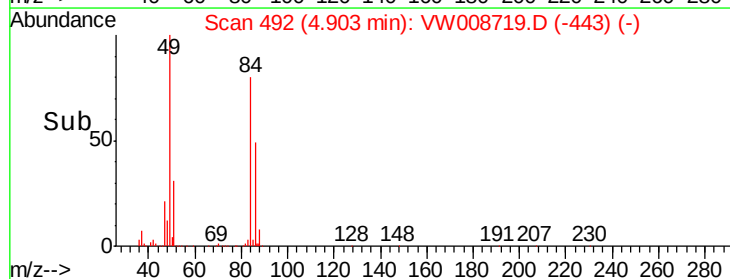
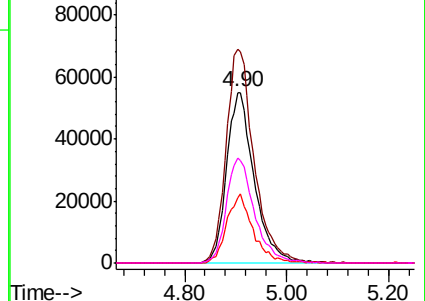


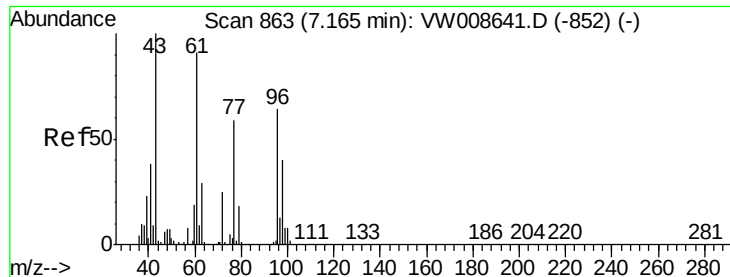
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#25

2-Butanone

Concen: 10.649 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

Instrument :

MSVOA_W

ClientSampled :

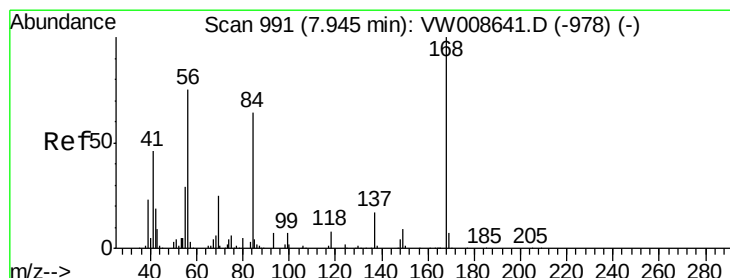
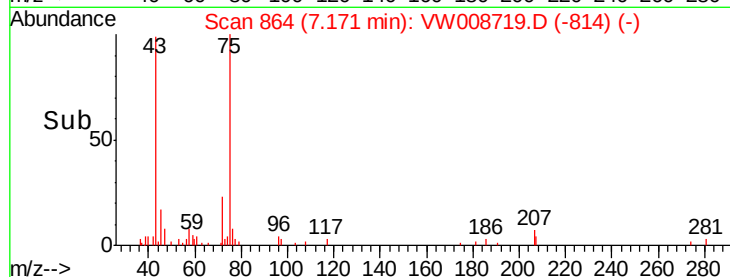
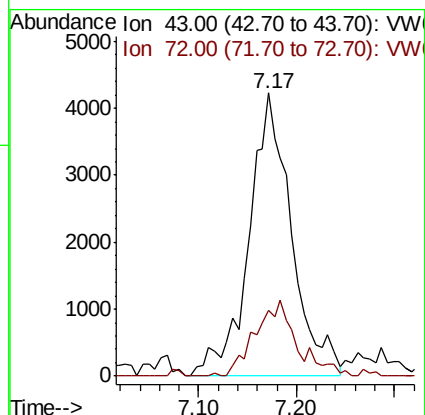
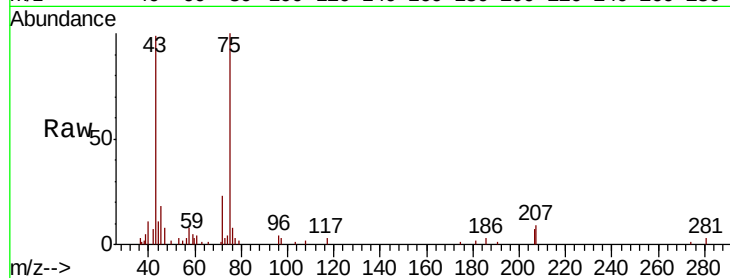
INNER-WALL

Tgt Ion: 43 Resp: 12836

Ion Ratio Lower Upper

43 100

72 23.2 19.7 29.5



#31

Cyclohexane

Concen: 1.229 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

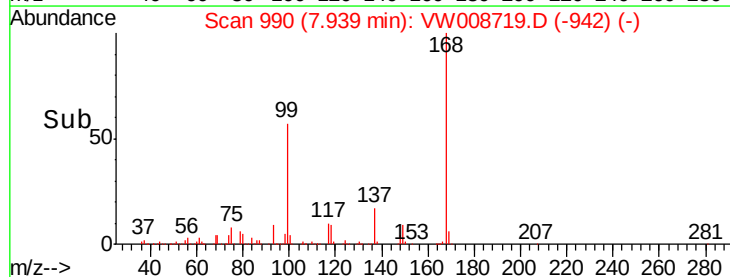
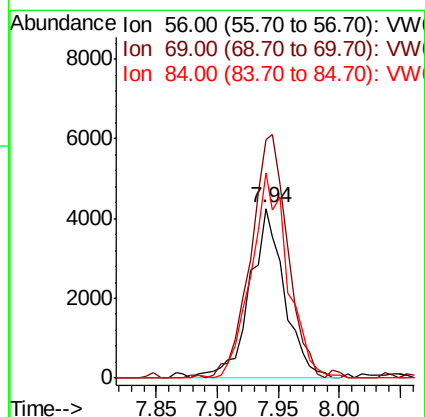
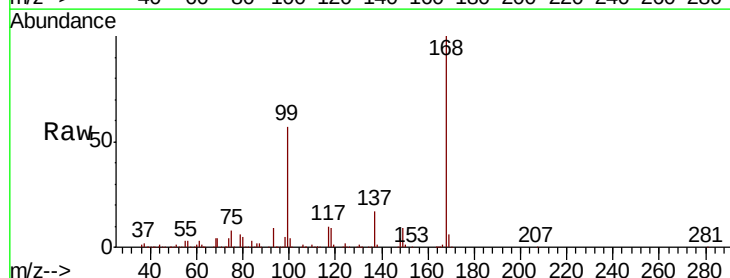
Tgt Ion: 56 Resp: 8433

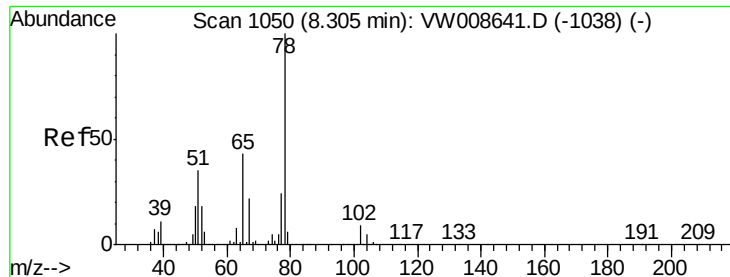
Ion Ratio Lower Upper

56 100

69 138.7 26.4 39.6#

84 121.4 67.4 101.2#

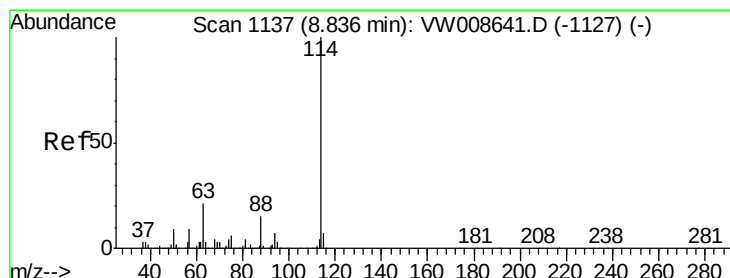
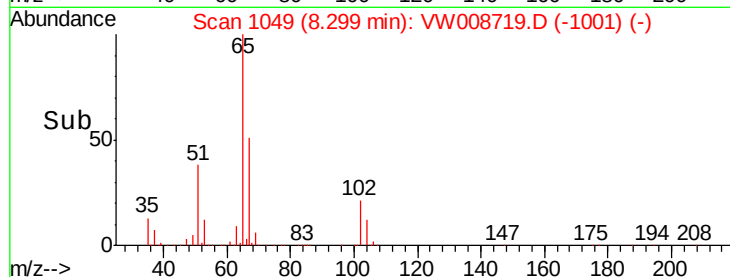
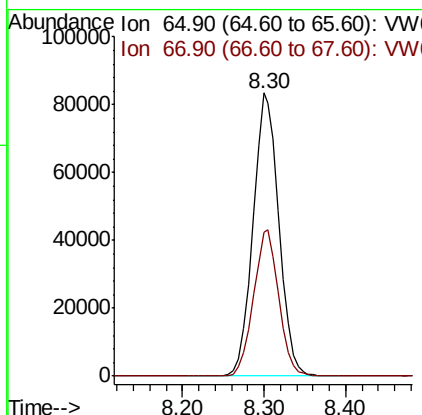
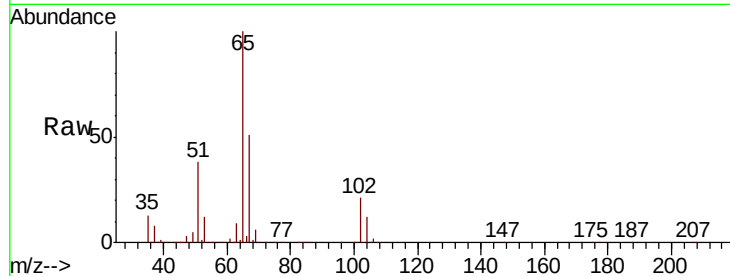




#33
 1,2-Dichloroethane-d4
 Concen: 49.247 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008719.D
 Acq: 16 Feb 2019 08:24

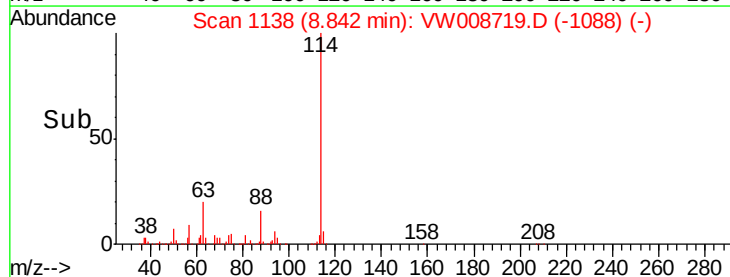
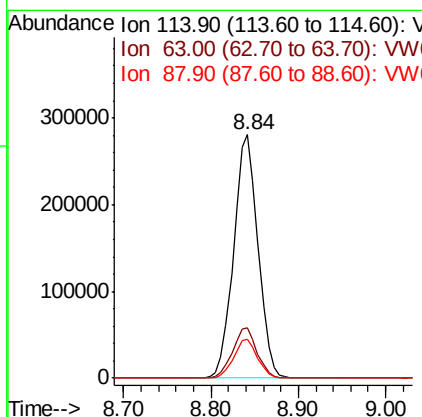
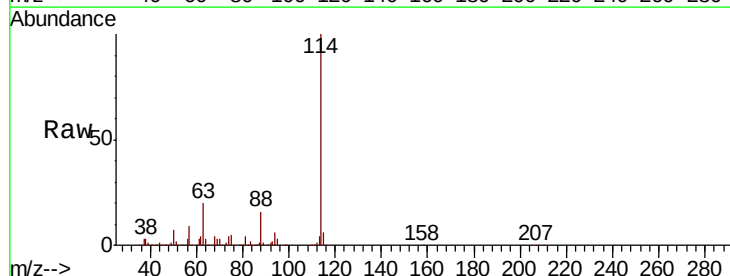
Instrument :
 MSVOA_W
 ClientSampleId :
 INNER-WALL

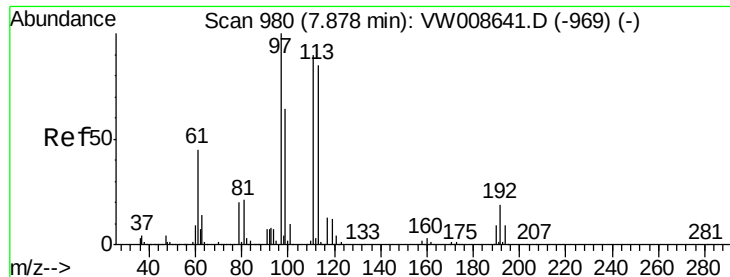
Tgt Ion: 65 Resp: 184742
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VW008719.D
 Acq: 16 Feb 2019 08:24

Tgt Ion: 114 Resp: 542702
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.2
 88 15.7 0.0 29.6

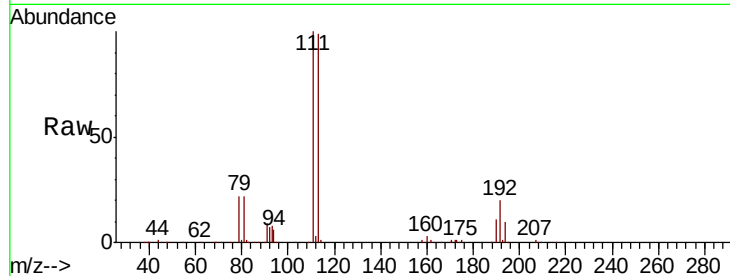




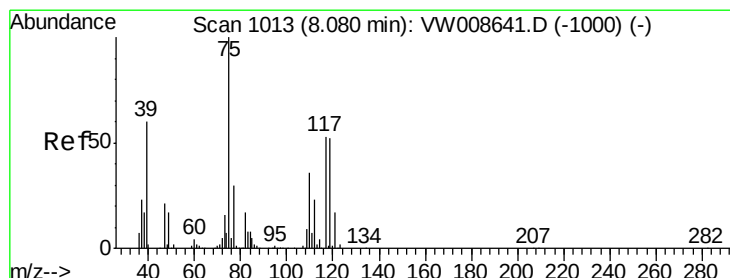
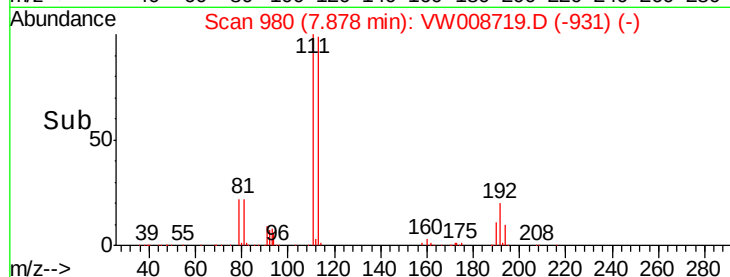
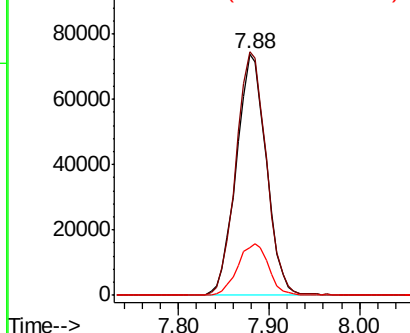
#35
 Dibromofluoromethane
 Concen: 50.223 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW008719.D
 Acq: 16 Feb 2019 08:24

Instrument :
 MSVOA_W
 ClientSampleId :
 INNER-WALL

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	84.0	126.0
192	21.9	17.4	26.2

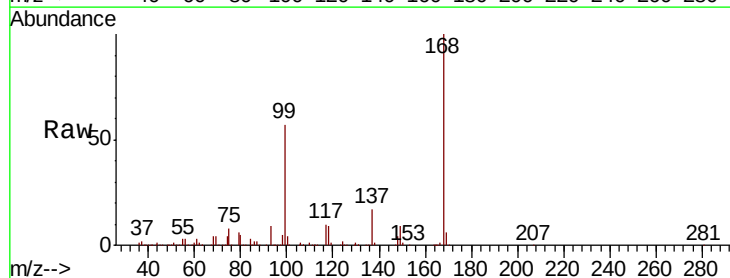


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

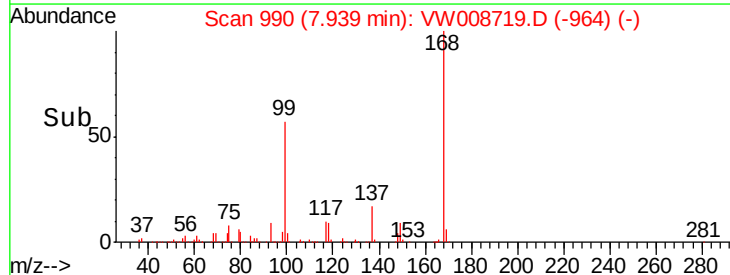
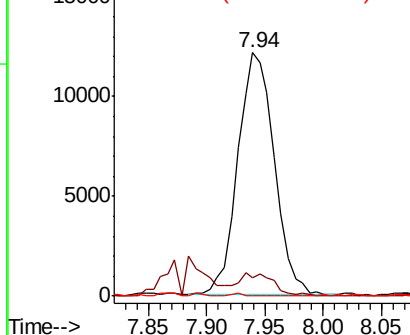


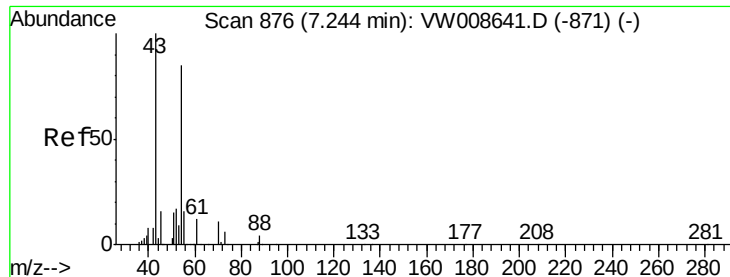
#36
 1,1-Dichloropropene
 Concen: 4.850 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW008719.D
 Acq: 16 Feb 2019 08:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.8	53.3#
77	0.4	24.7	37.1#



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

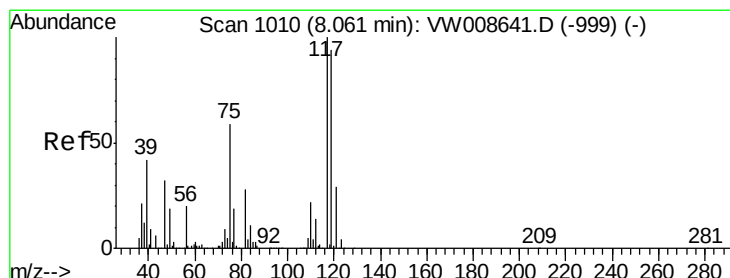
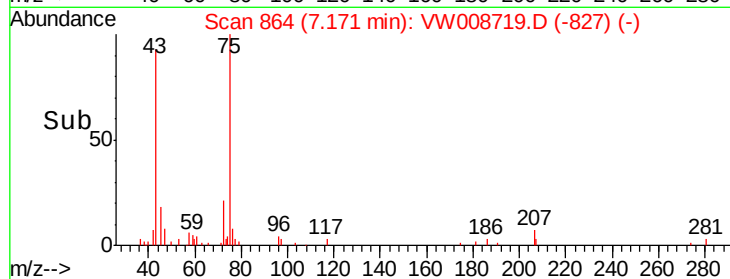
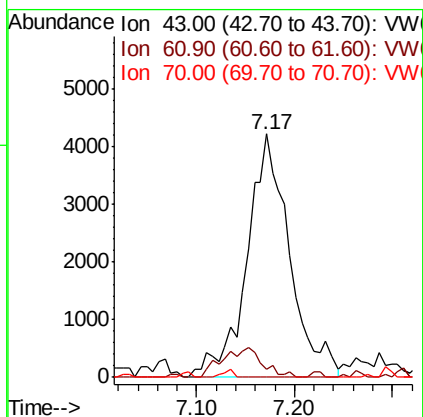
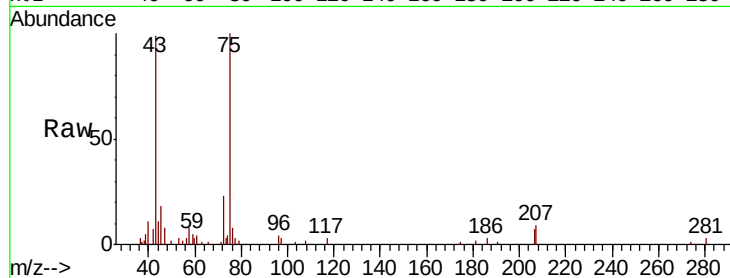




#37
 Ethyl Acetate
 Concen: 4.880 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.07 min
 Lab File: VW008719.D
 Acq: 16 Feb 2019 08:24

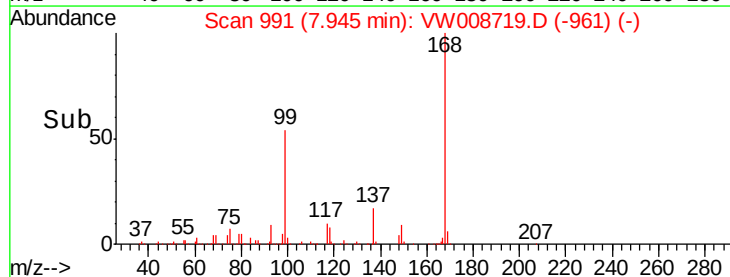
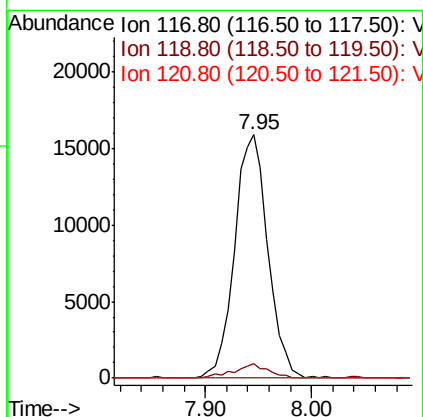
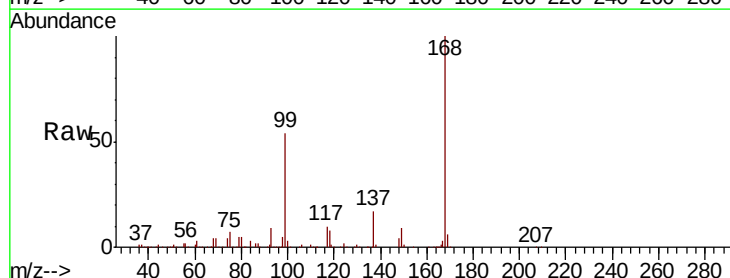
Instrument :
 MSVOA_W
 ClientSampled :
 INNER-WALL

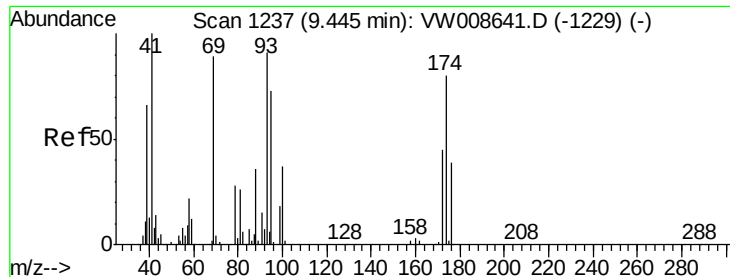
Tgt Ion: 43 Resp: 12836
 Ion Ratio Lower Upper
 43 100
 61 11.4 10.5 15.7
 70 0.0 8.1 12.1#



#38
 Carbon Tetrachloride
 Concen: 6.401 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008719.D
 Acq: 16 Feb 2019 08:24

Tgt Ion: 117 Resp: 34706
 Ion Ratio Lower Upper
 117 100
 119 6.1 75.1 112.7#
 121 0.0 23.5 35.3#





#49

1,4-Dioxane

Concen: 1.790 ug/l

RT: 9.30 min Scan# 1214

Delta R.T. -0.14 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

INNER-WALL

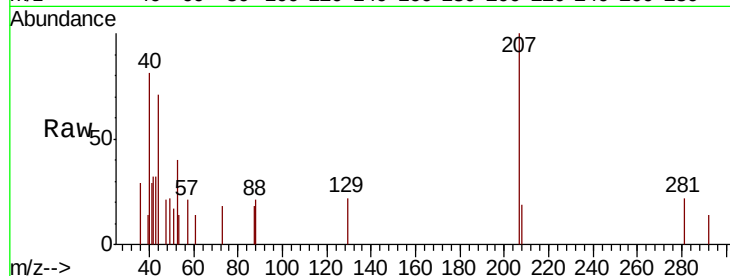
Tgt Ion: 88 Resp: 58

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.6#

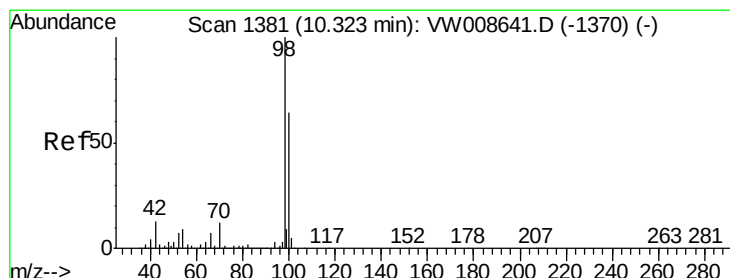
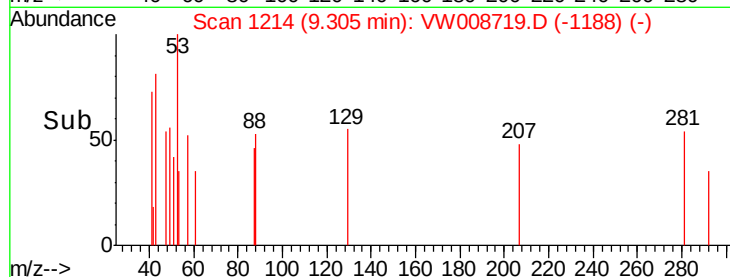
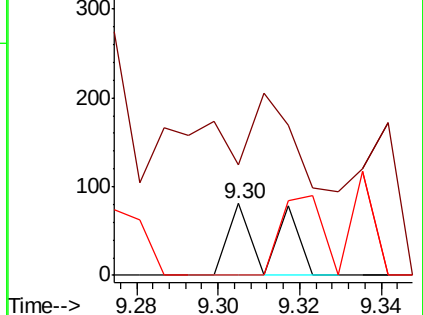
58 110.3 57.0 85.6#



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: 50.046 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008719.D

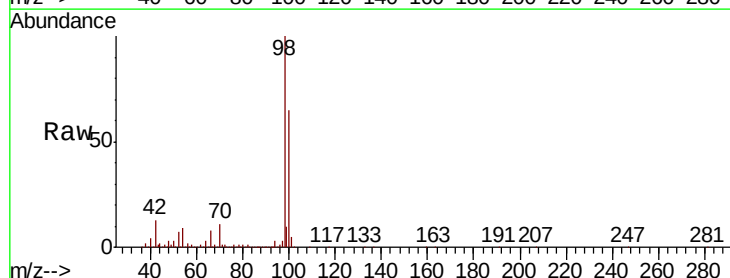
Acq: 16 Feb 2019 08:24

Tgt Ion: 98 Resp: 650120

Ion Ratio Lower Upper

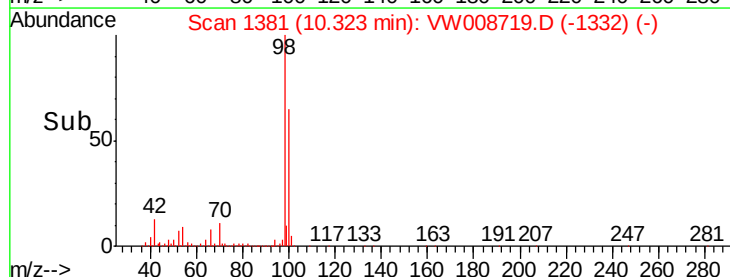
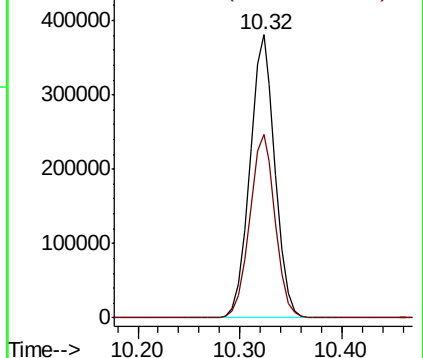
98 100

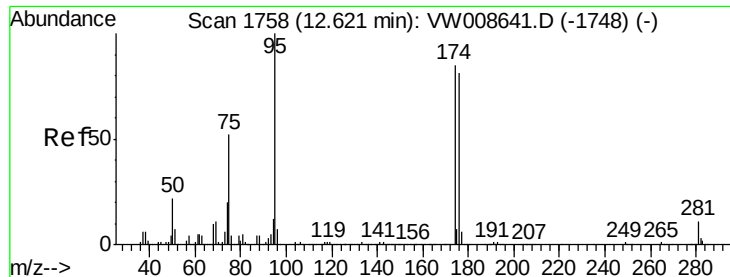
100 65.8 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 45.713 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

INNER-WALL

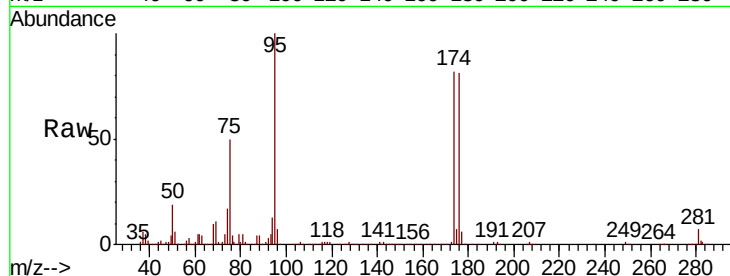
Tgt Ion: 95 Resp: 223673

Ion Ratio Lower Upper

95 100

174 83.3 0.0 163.2

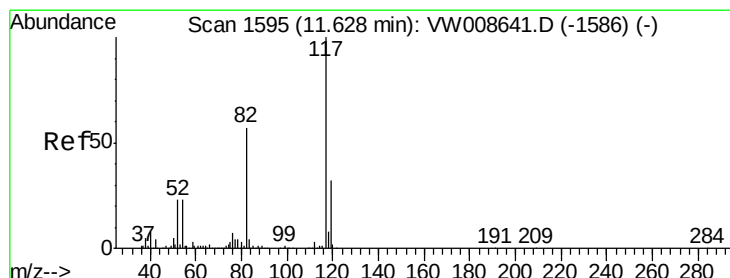
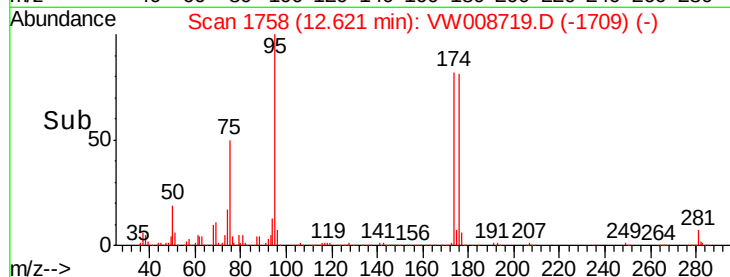
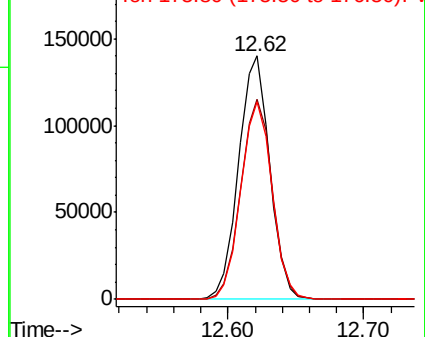
176 81.3 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

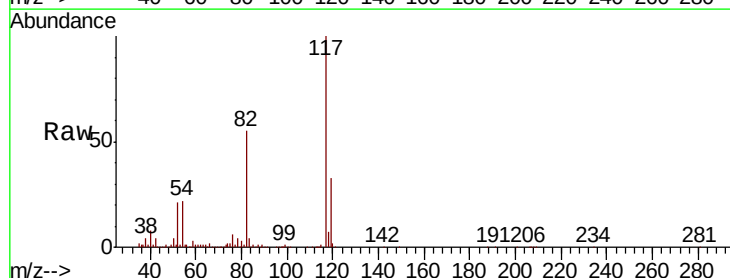
Tgt Ion: 117 Resp: 477860

Ion Ratio Lower Upper

117 100

82 54.8 45.6 68.4

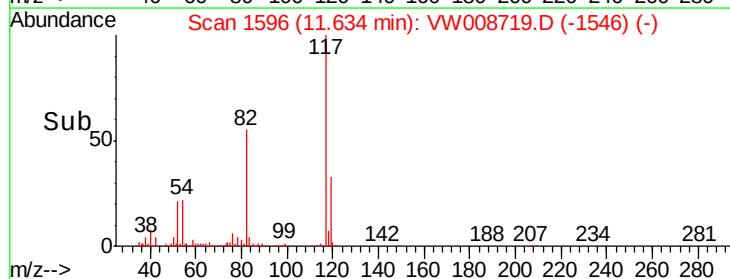
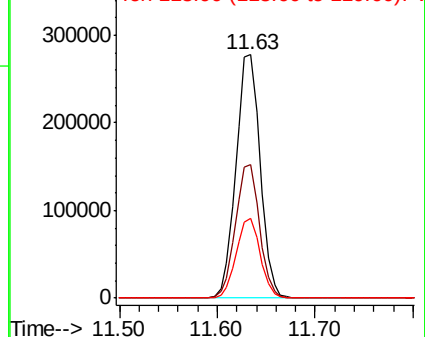
119 32.7 25.7 38.5

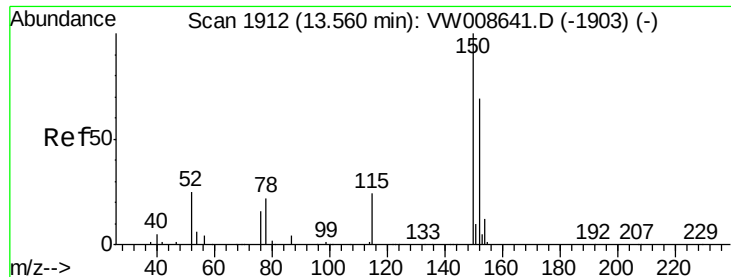


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



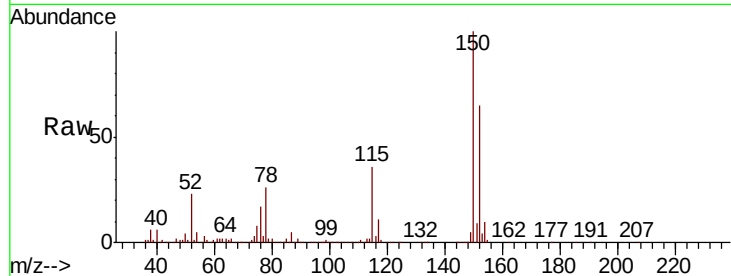


#72

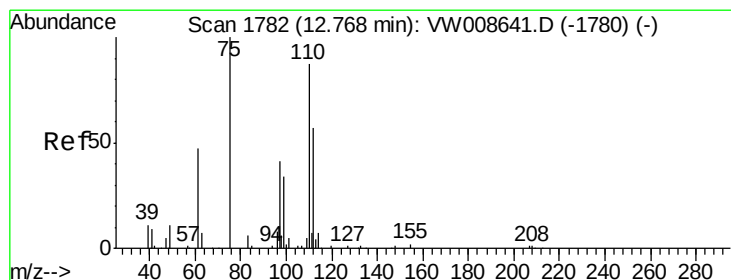
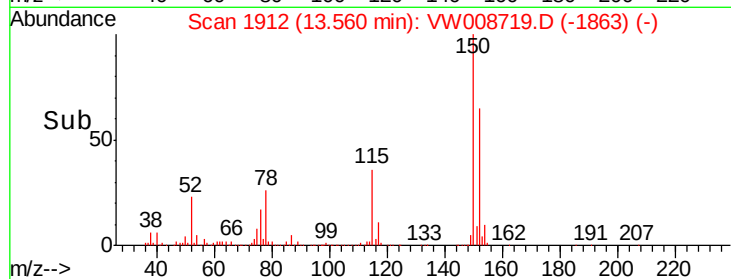
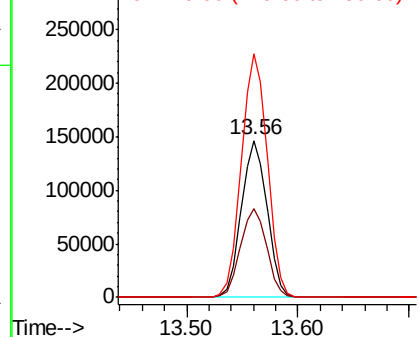
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008719.D
Acq: 16 Feb 2019 08:24

Instrument :
MSVOA_W
ClientSampleId :
INNER-WALL

Tgt Ion: 152 Resp: 233690
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.8
150 157.1 0.0 352.8



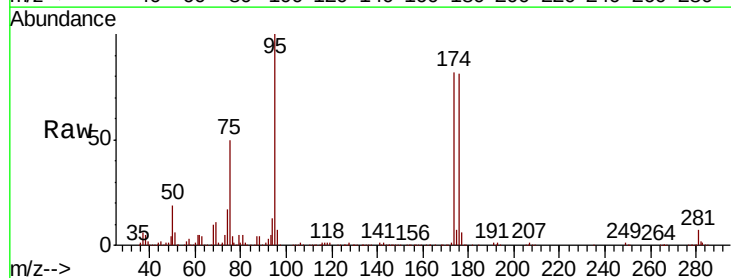
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



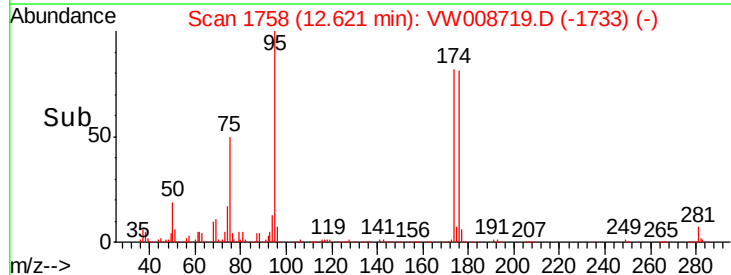
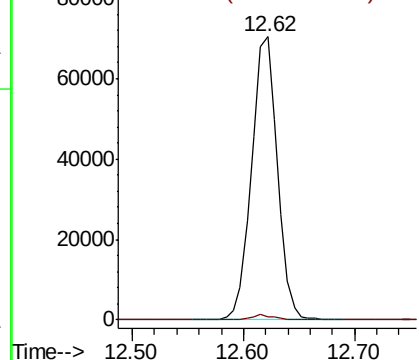
#76

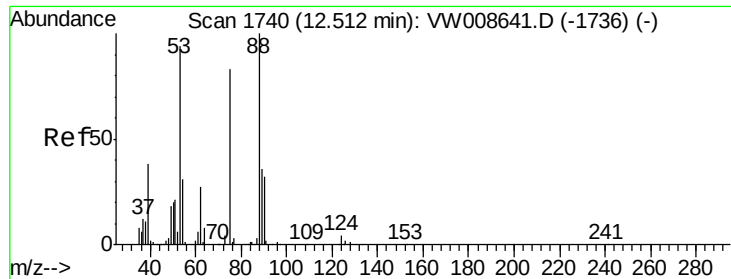
1,2,3-Trichloropropane
Concen: 49.225 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008719.D
Acq: 16 Feb 2019 08:24

Tgt Ion: 75 Resp: 113591
Ion Ratio Lower Upper
75 100
77 1.6 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: 105.582 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008719.D

Acq: 16 Feb 2019 08:24

Instrument :

MSVOA_W

ClientSampleId :

INNER-WALL

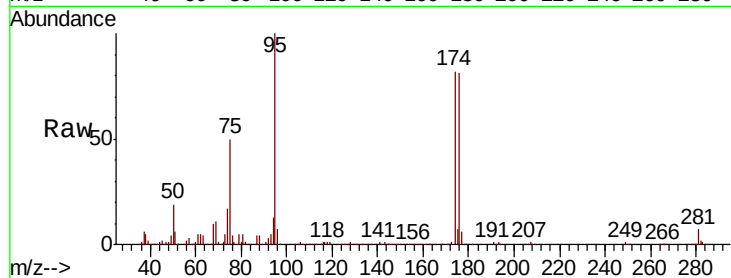
Tgt Ion: 75 Resp: 113591

Ion Ratio Lower Upper

75 100

53 0.0 87.4 131.0#

89 0.1 37.0 55.4#



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

