

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008909.D
 Acq On : 01 Mar 2019 02:42
 Operator : SY/VA
 Sample : K1643-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOR-SLAB

Quant Time: Mar 01 06:06:33 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	53660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	81664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	76655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	32352	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	32483	64.54	ug/l	0.00
Spiked Amount			Recovery	=	129.08%	
35) Dibromofluoromethane	7.88	113	7453	15.20	ug/l	0.00
Spiked Amount			Recovery	=	30.40%	
50) Toluene-d8	10.32	98	98188	51.87	ug/l	0.00
Spiked Amount			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.62	95	32638	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	

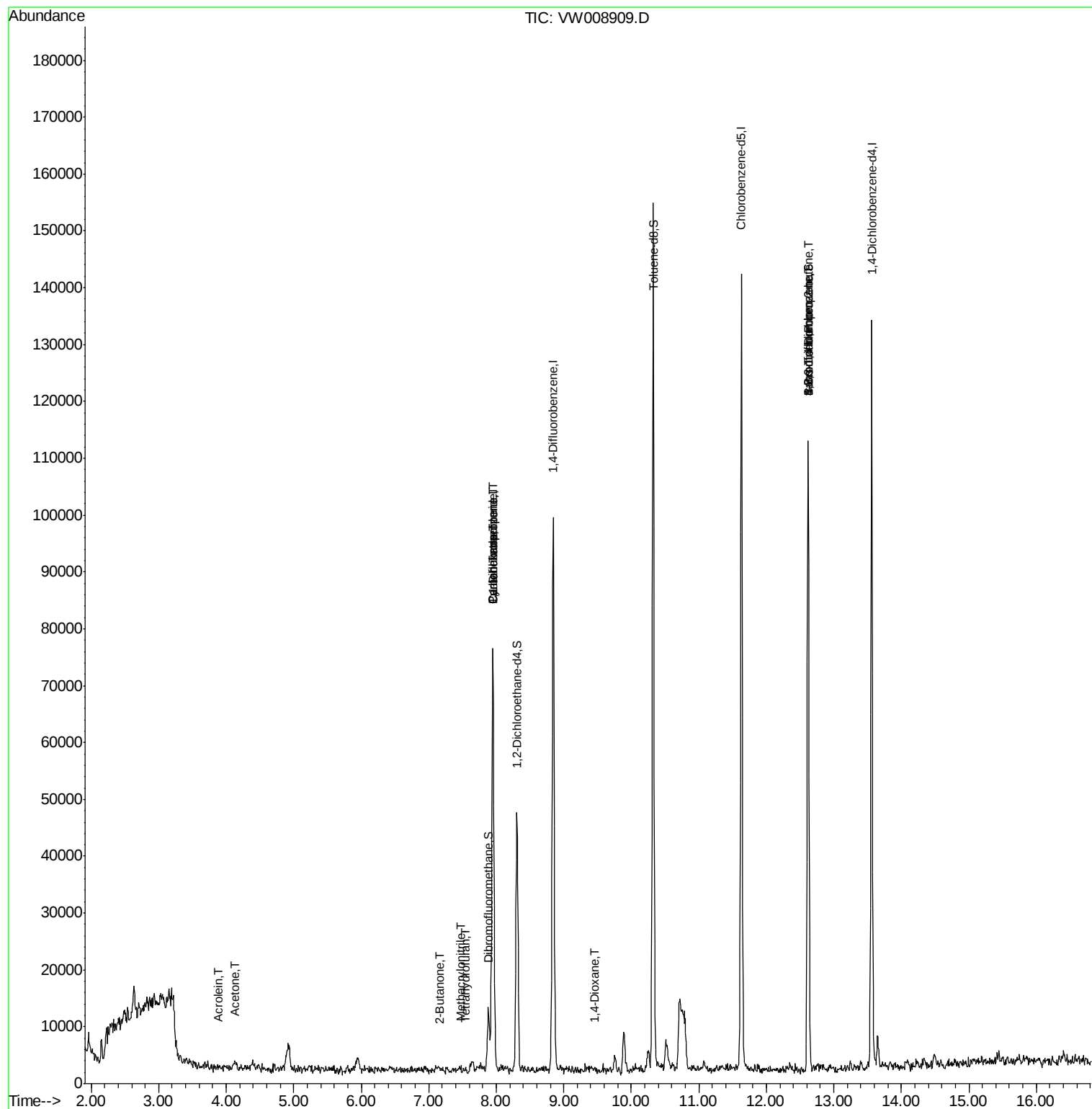
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.89	56	23	20.228	ug/l #	1
16) Acetone	4.13	43	2637	22.605	ug/l #	76
25) 2-Butanone	7.17	43	288	1.766	ug/l #	83
29) Tetrahydrofuran	7.54	42	188	1.809	ug/l #	85
31) Cyclohexane	7.96	56	1404	1.480	ug/l #	33
36) 1,1-Dichloropropene	7.95	75	4451	5.599	ug/l #	53
38) Carbon Tetrachloride	7.95	117	5302	6.324	ug/l #	15
41) Methacrylonitrile	7.48	41	302	1.390	ug/l #	57
49) 1,4-Dioxane	9.46	88	78	16.326	ug/l #	1
71) Bromoform	12.62	173	492	1.679	ug/l #	29
76) 1,2,3-Trichloropropane	12.62	75	16448	61.578	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16448	149.701	ug/l #	6

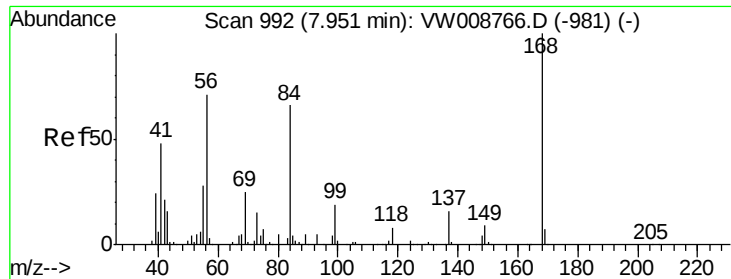
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022819\
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Quant Time: Mar 01 06:06:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
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: VW008909.D

Acq: 01 Mar 2019 02:42

Instrument :

MSVOA_W

ClientSampled :

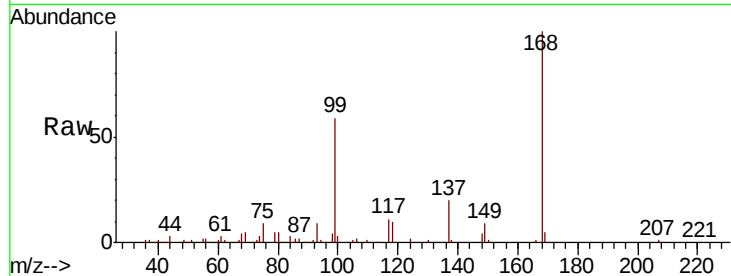
FLOOR-SLAB

Tot Ion:168 Resp: 53660

Ion Ratio Lower Upper

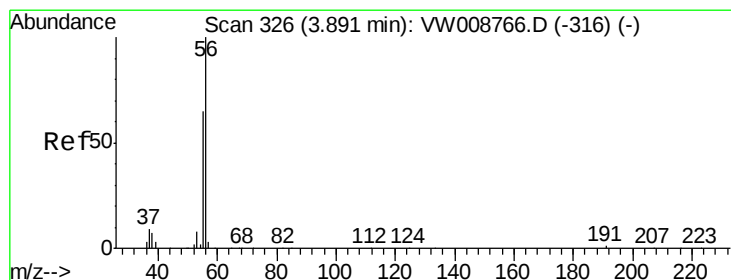
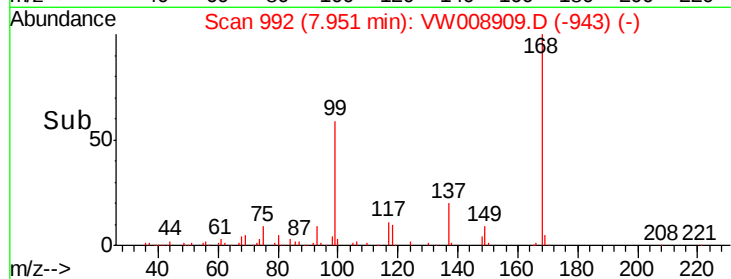
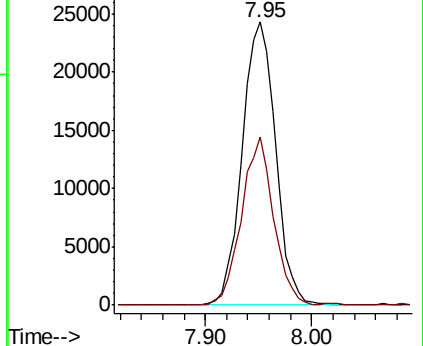
168 100

99 59.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#13

Acrolein

Concen: 20.228 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008909.D

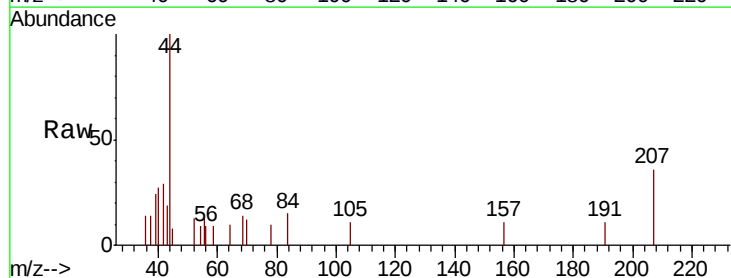
Acq: 01 Mar 2019 02:42

Tgt Ion: 56 Resp: 23

Ion Ratio Lower Upper

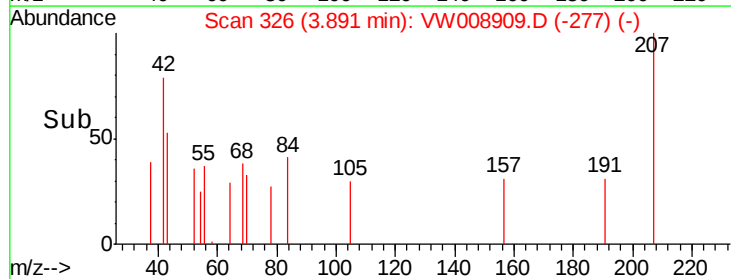
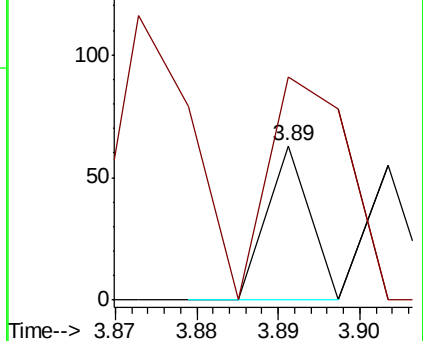
56 100

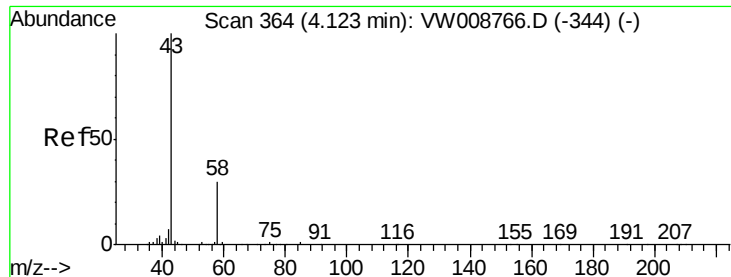
55 269.6 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW





#16

Acetone

Concen: 22.605 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

Instrument :

MSVOA_W

ClientSampled :

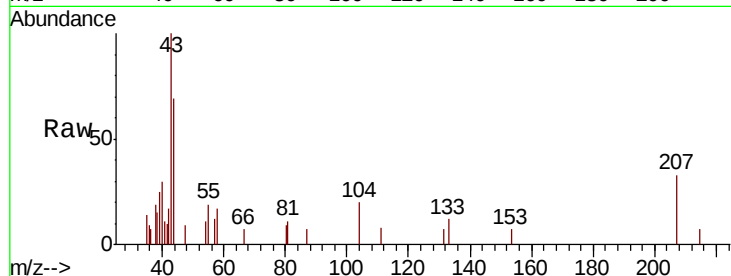
FLOOR-SLAB

Tot Ion: 43 Resp: 2637

Ion Ratio Lower Upper

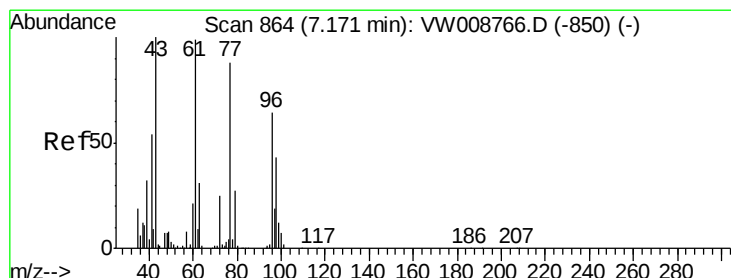
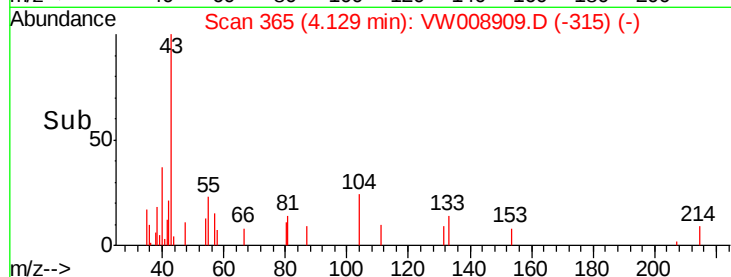
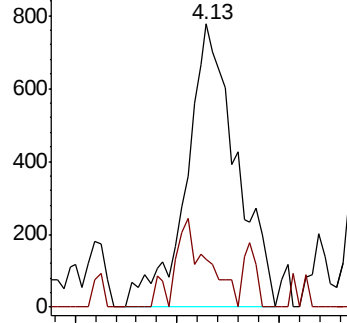
43 100

58 17.0 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.766 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008909.D

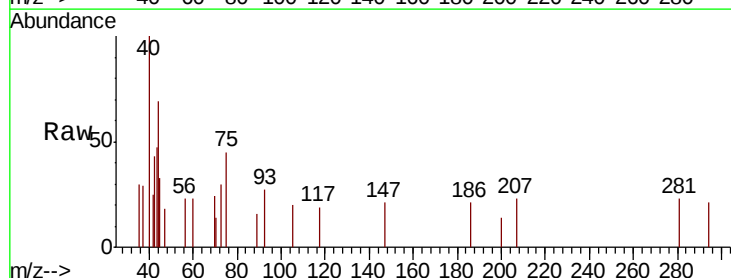
Acq: 01 Mar 2019 02:42

Tgt Ion: 43 Resp: 288

Ion Ratio Lower Upper

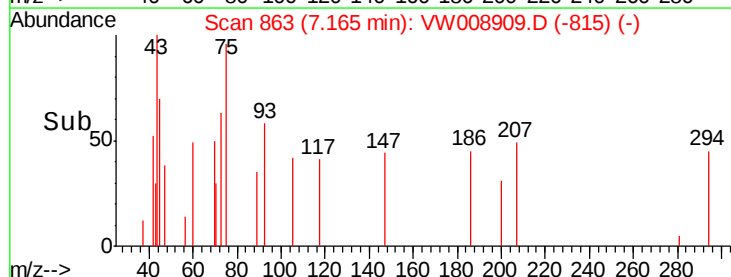
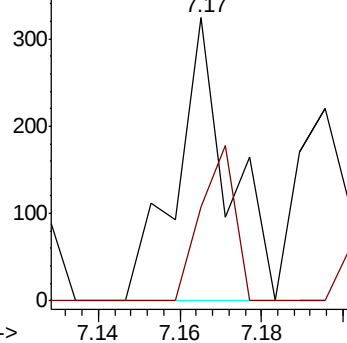
43 100

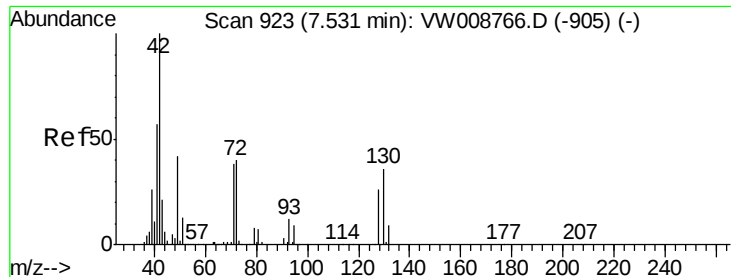
72 33.0 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

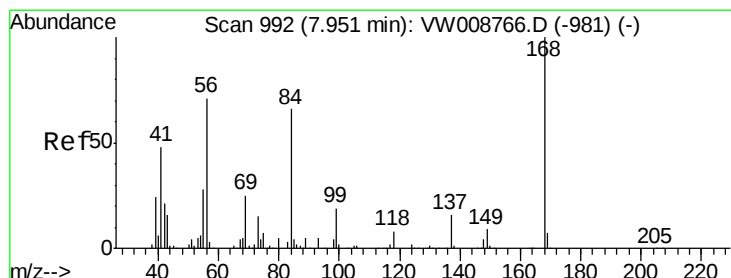
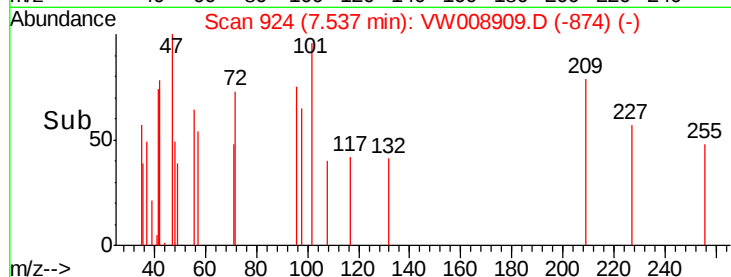
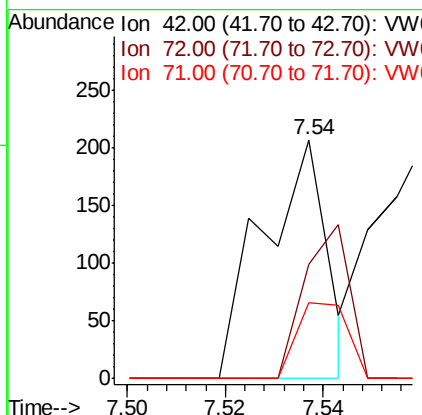
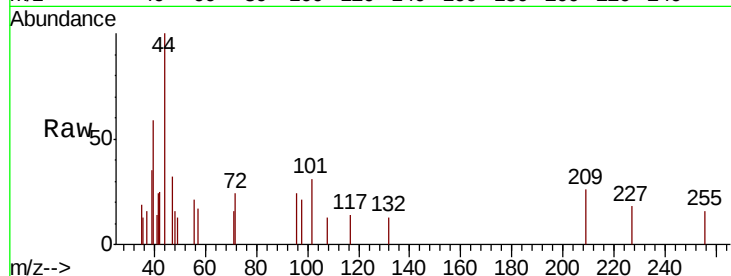




#29
Tetrahydrofuran
Concen: 1.809 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008909.D
Acq: 01 Mar 2019 02:42

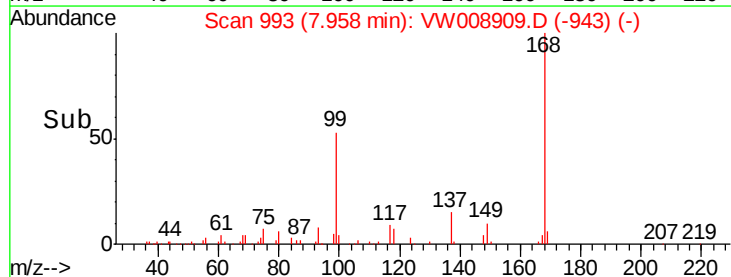
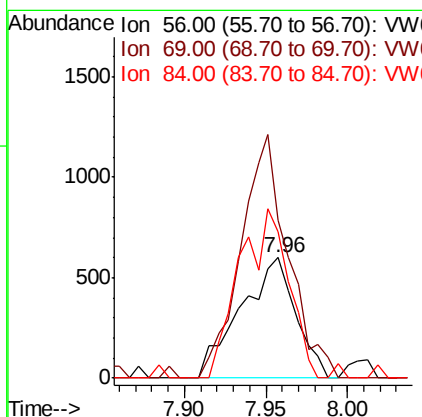
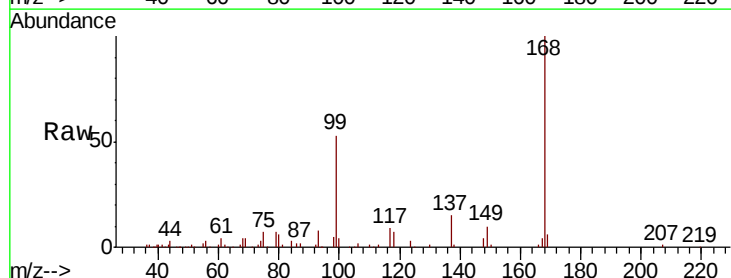
Instrument :
MSVOA_W
ClientSampled :
FLOOR-SLAB

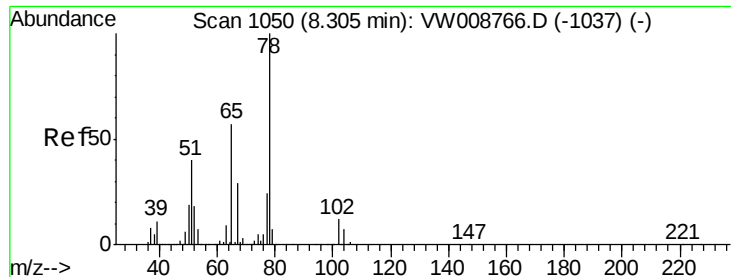
Tot Ion: 42 Resp: 188
Ion Ratio Lower Upper
42 100
72 45.2 32.7 49.1
71 25.0 31.3 46.9#



#31
Cyclohexane
Concen: 1.480 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW008909.D
Acq: 01 Mar 2019 02:42

Tgt Ion: 56 Resp: 1404
Ion Ratio Lower Upper
56 100
69 130.7 28.2 42.4#
84 121.4 74.1 111.1#

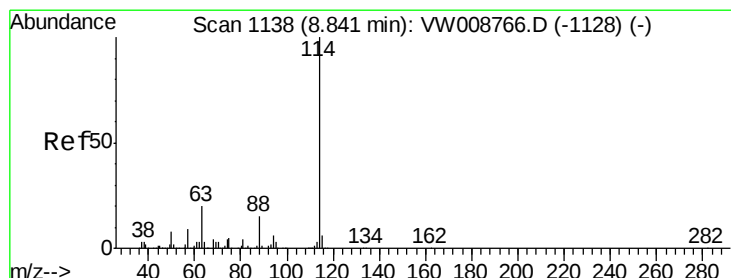
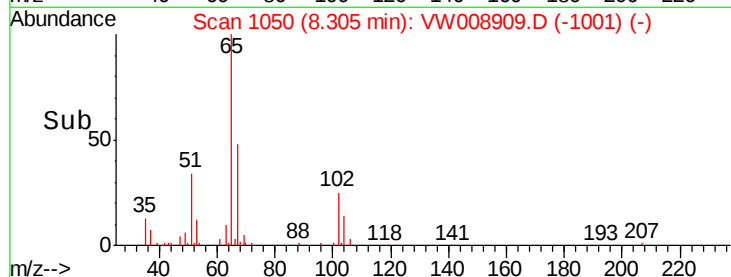
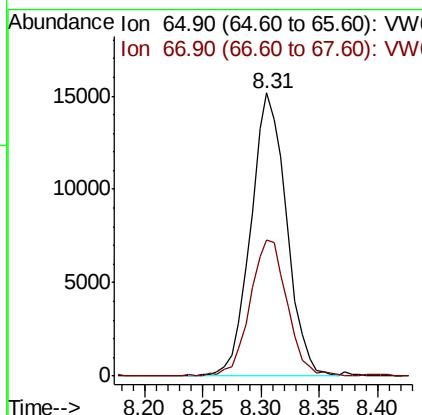
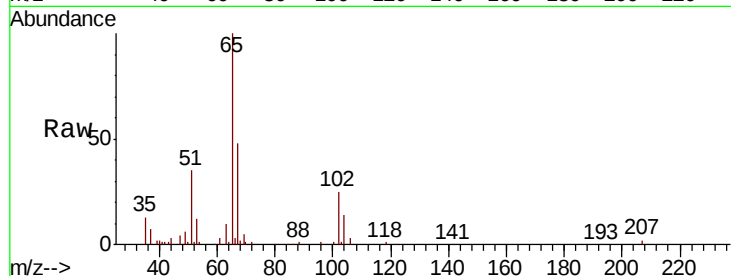




#33
 1,2-Dichloroethane-d4
 Concen: 64.542 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008909.D
 Acq: 01 Mar 2019 02:42

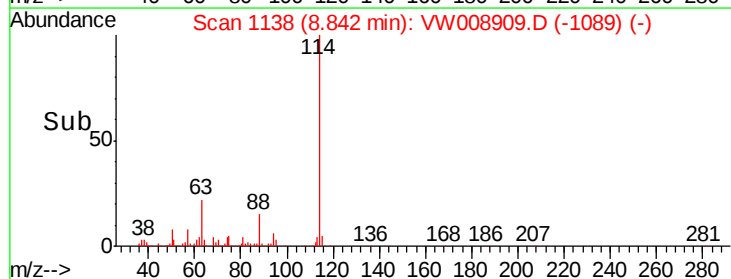
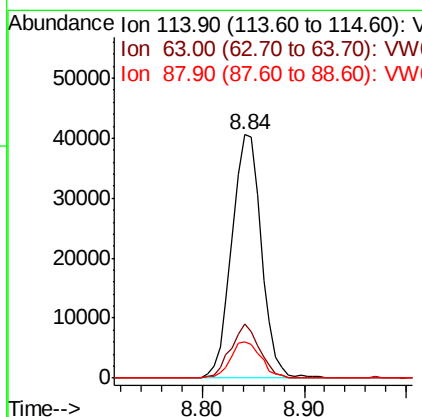
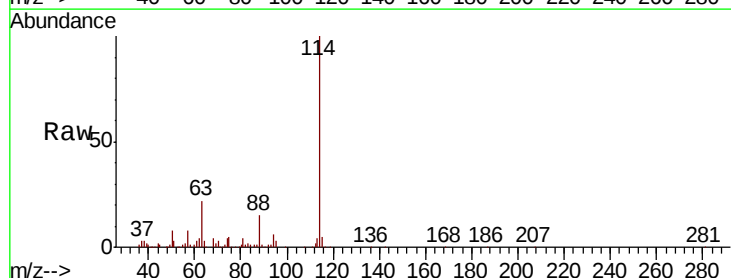
Instrument :
 MSVOA_W
 ClientSampleId :
 FLOOR-SLAB

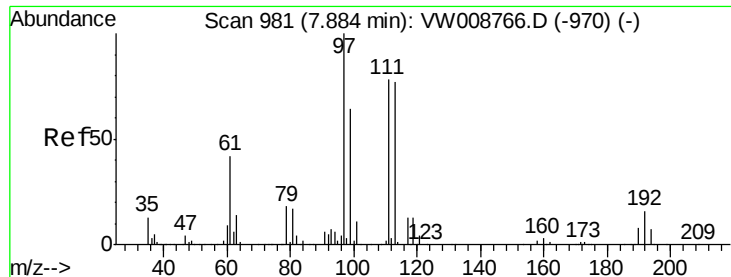
Tot Ion: 65 Resp: 32483
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008909.D
 Acq: 01 Mar 2019 02:42

Tgt Ion: 114 Resp: 81664
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 40.8
 88 14.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 15.200 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

Instrument :
MSVOA_W
ClientSampleId :
FLOOR-SLAB

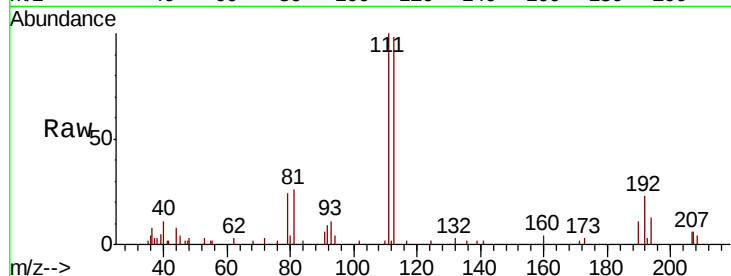
Tot Ion:113 Resp: 7453

Ion Ratio Lower Upper

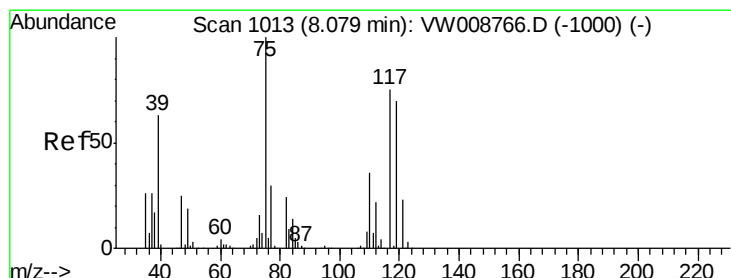
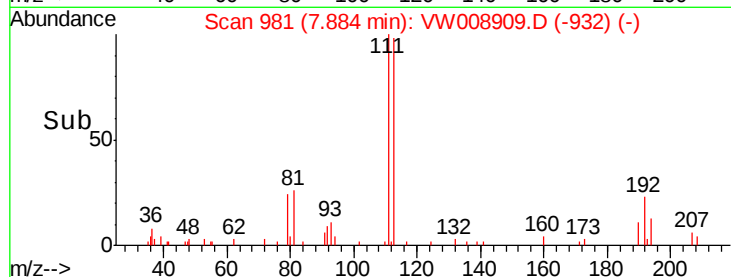
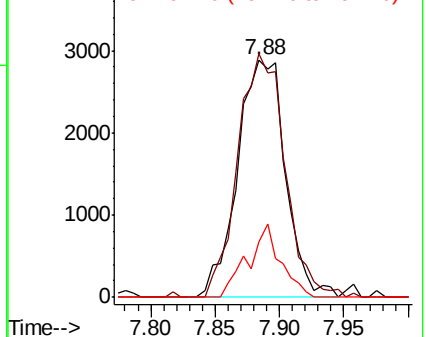
113 100

111 101.2 81.9 122.9

192 21.1 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: 5.599 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

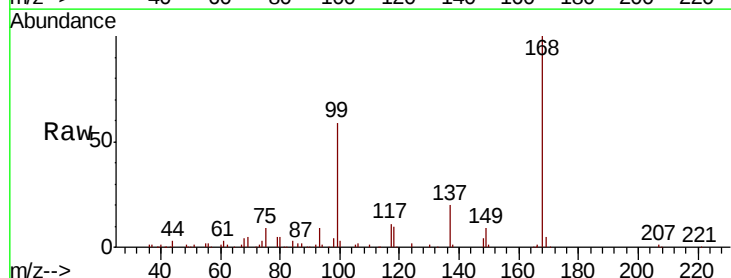
Tgt Ion: 75 Resp: 4451

Ion Ratio Lower Upper

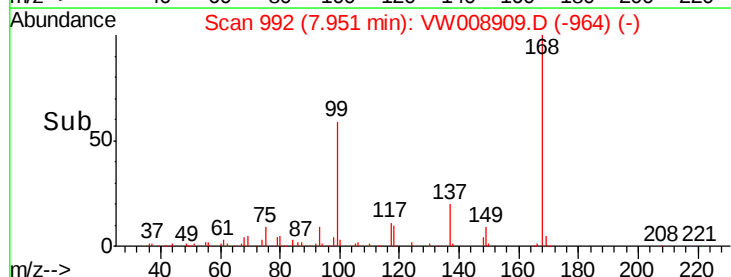
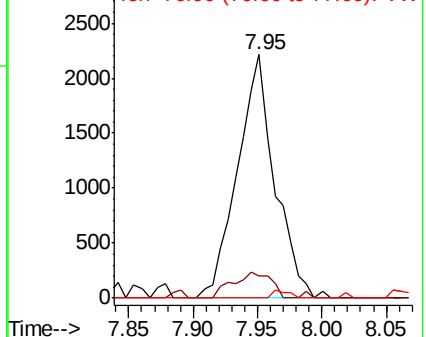
75 100

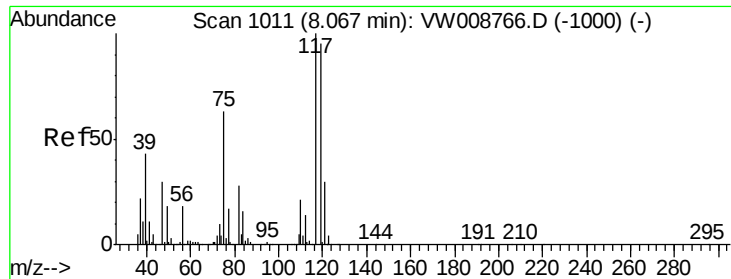
110 11.0 17.5 52.6#

77 1.5 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: 6.324 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

Instrument :

MSVOA_W

ClientSampled :

FLOOR-SLAB

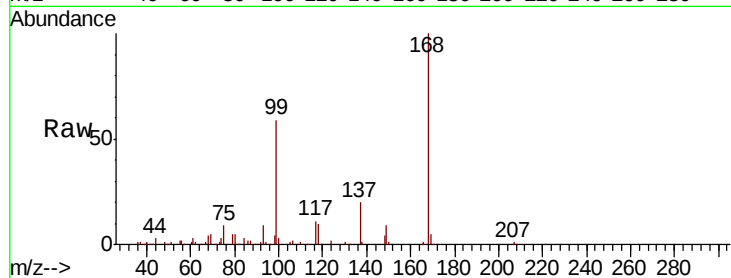
Tot Ion:117 Resp: 5302

Ion Ratio Lower Upper

117 100

119 3.3 76.1 114.1#

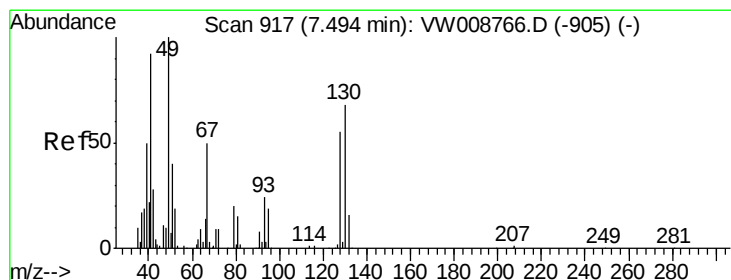
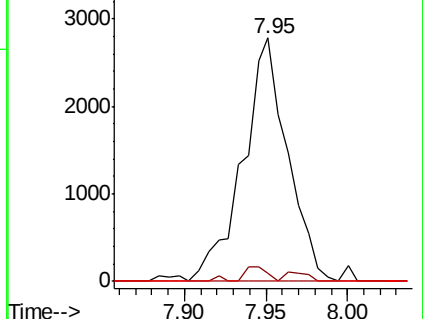
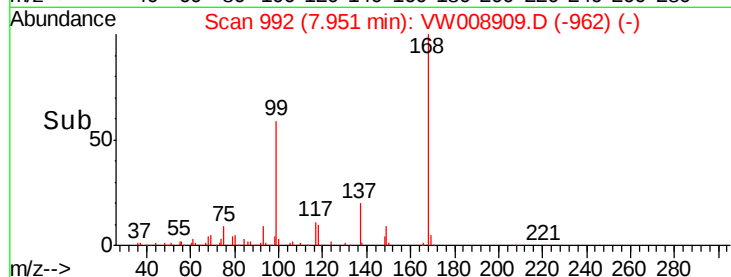
121 0.0 24.0 36.0#



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



#41

Methacrylonitrile

Concen: 1.390 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

Tgt Ion: 41 Resp: 302

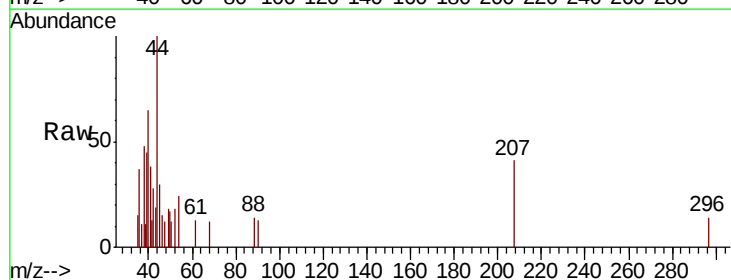
Ion Ratio Lower Upper

41 100

39 35.4 52.5 78.7#

67 16.2 55.0 82.6#

52 38.4 26.9 40.3

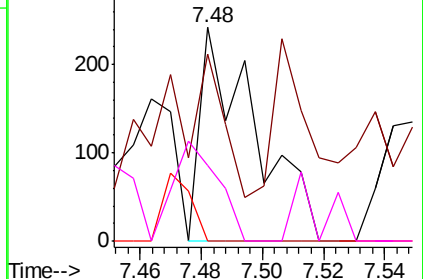
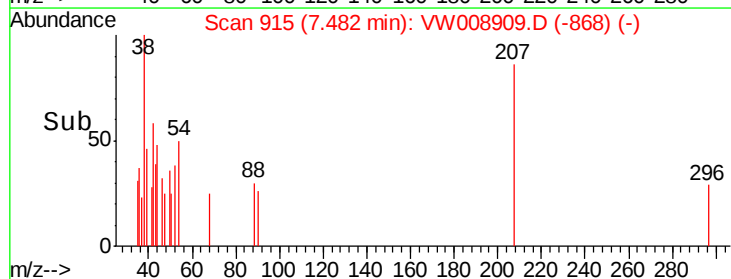


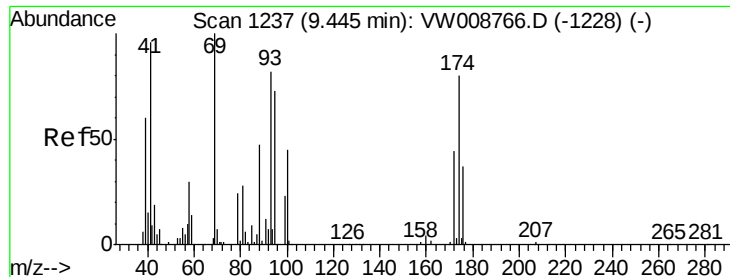
Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW

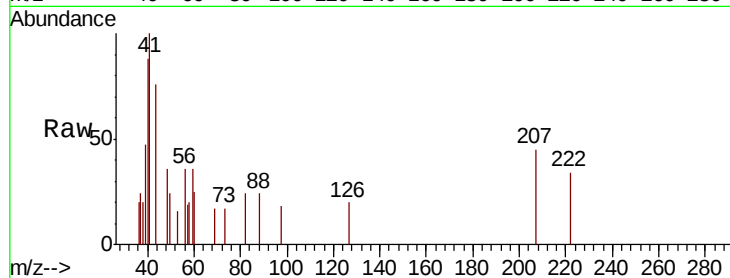




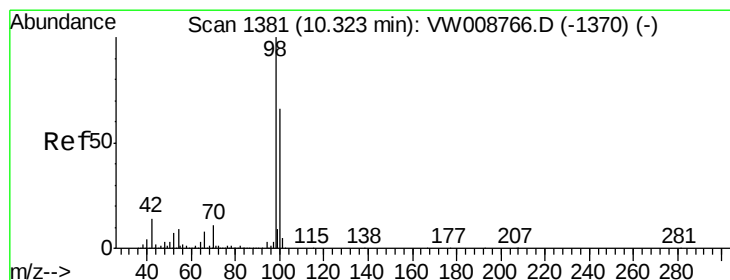
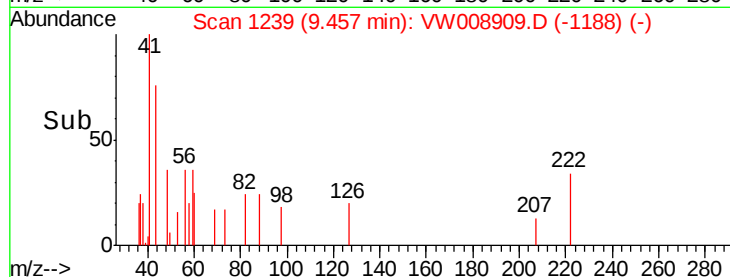
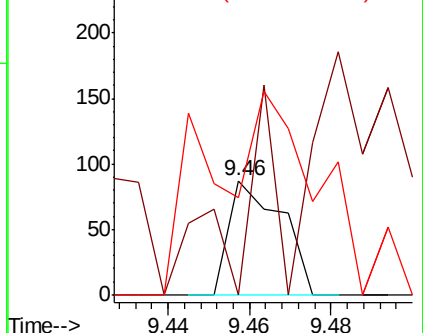
#49
1,4-Dioxane
Concen: 16.326 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008909.D
Acq: 01 Mar 2019 02:42

Instrument :
MSVOA_W
ClientSampleId :
FLOOR-SLAB

Tot Ion: 88 Resp: 78
Ion Ratio Lower Upper
88 100
43 105.1 29.0 43.4#
58 376.9 52.0 78.0#

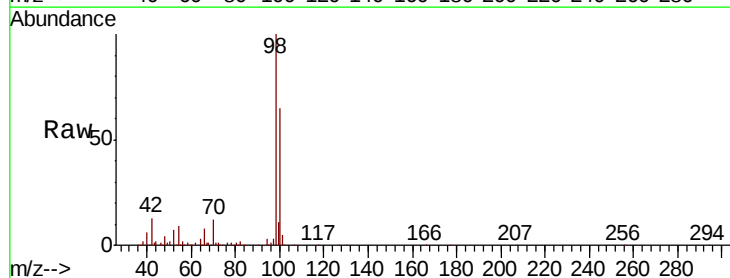


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

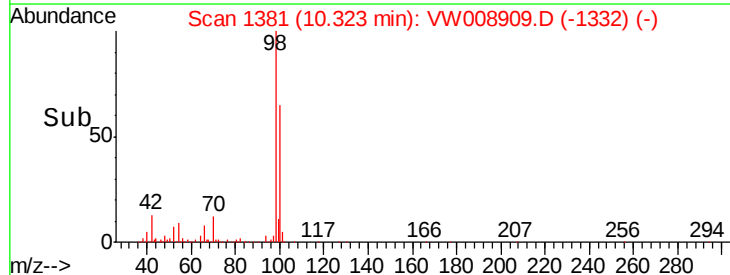
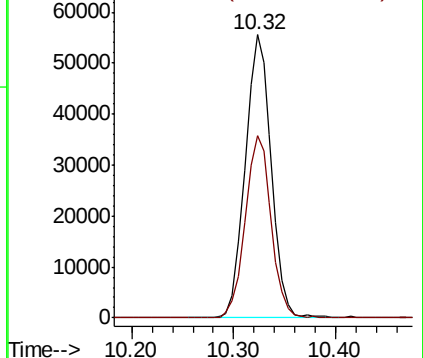


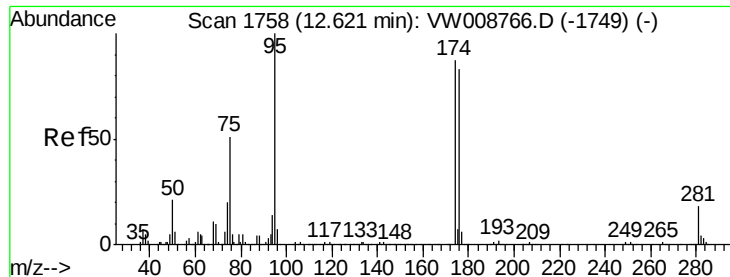
#50
Toluene-d8
Concen: 51.875 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008909.D
Acq: 01 Mar 2019 02:42

Tgt Ion: 98 Resp: 98188
Ion Ratio Lower Upper
98 100
100 64.5 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: 44.040 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

Instrument :

MSVOA_W

ClientSampleId :

FLOOR-SLAB

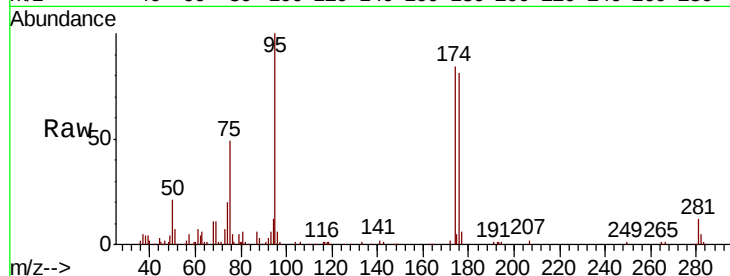
Tot Ion: 95 Resp: 32638

Ion Ratio Lower Upper

95 100

174 83.1 0.0 169.2

176 79.9 0.0 163.6



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

12.62

25000

20000

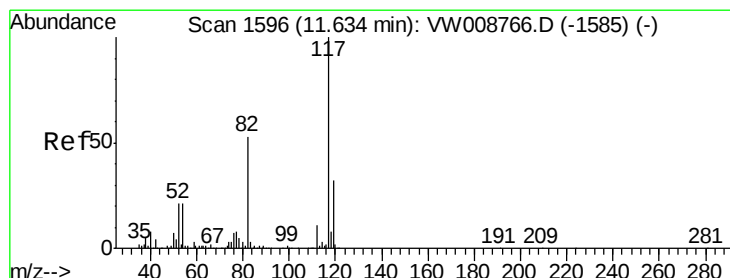
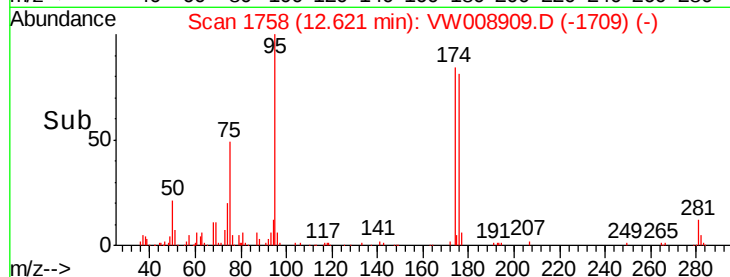
15000

10000

5000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

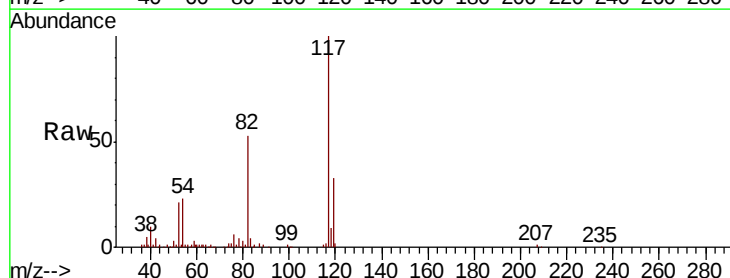
Tgt Ion: 117 Resp: 76655

Ion Ratio Lower Upper

117 100

82 53.4 42.2 63.4

119 33.4 25.9 38.9



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

11.63

60000

50000

40000

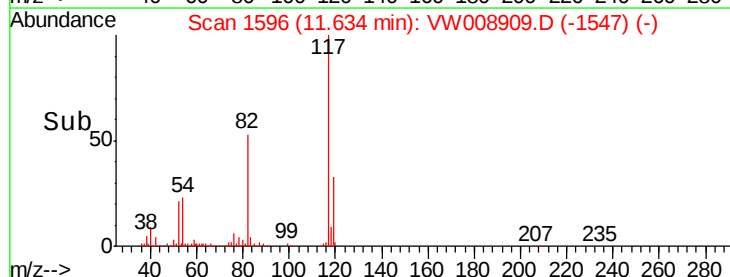
30000

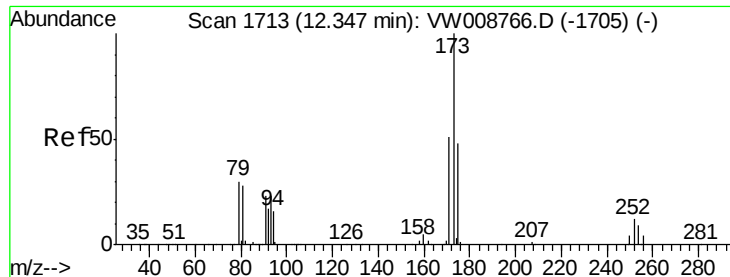
20000

10000

0

Time-->





#71

Bromoform

Concen: 1.679 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.27 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

Instrument :

MSVOA_W

ClientSampleId :

FLOOR-SLAB

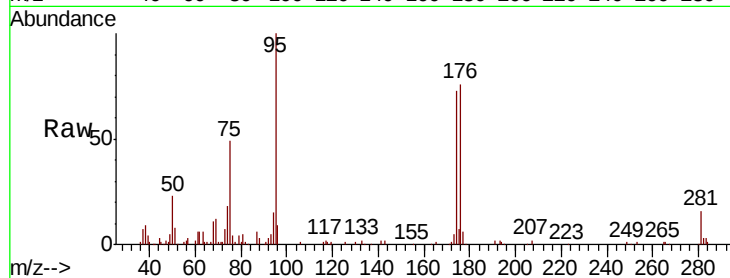
Tot Ion:173 Resp: 492

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

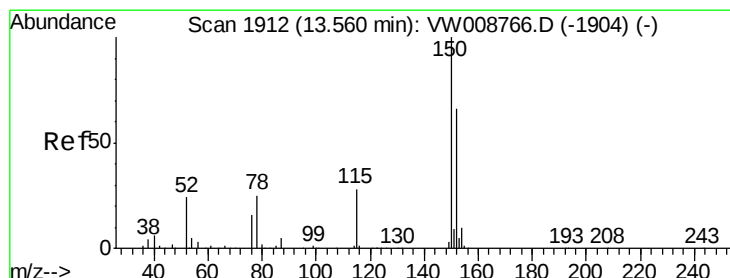
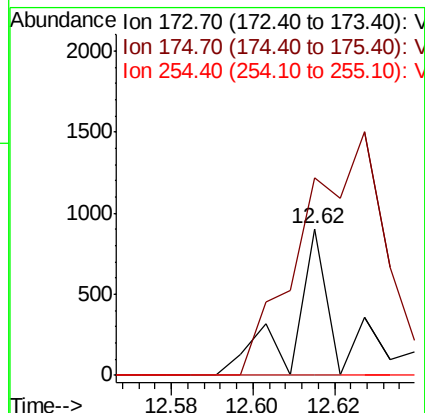
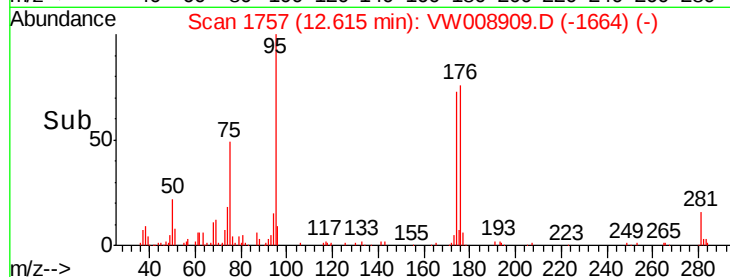
254 0.0 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): 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: VW008909.D

Acq: 01 Mar 2019 02:42

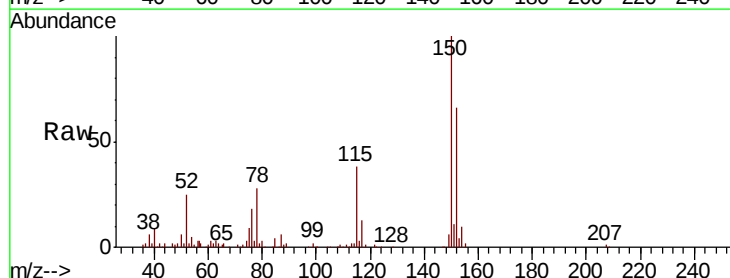
Tgt Ion:152 Resp: 32352

Ion Ratio Lower Upper

152 100

115 54.7 28.6 85.8

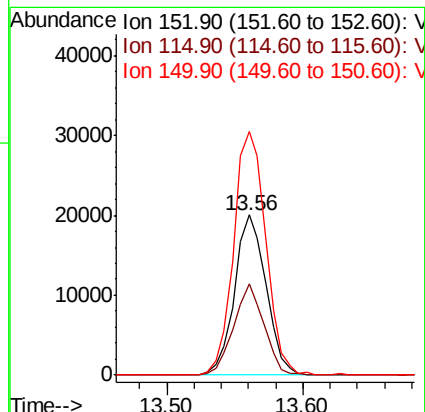
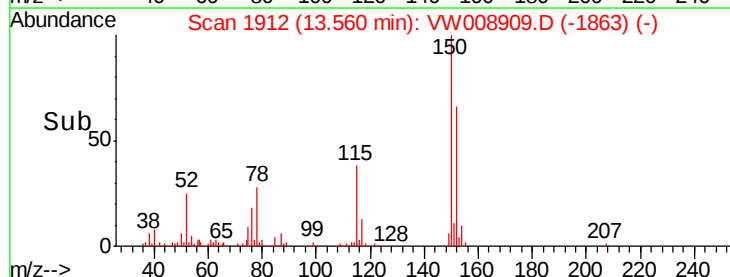
150 155.0 0.0 348.0

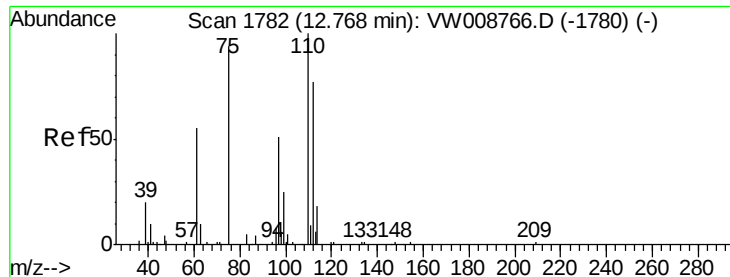


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 61.578 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

Instrument :

MSVOA_W

ClientSampled :

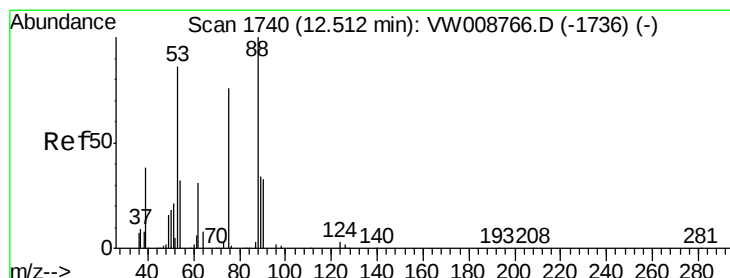
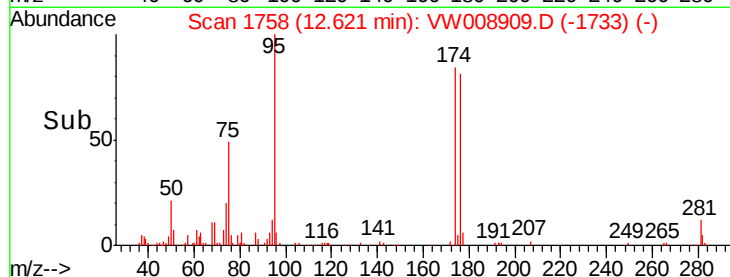
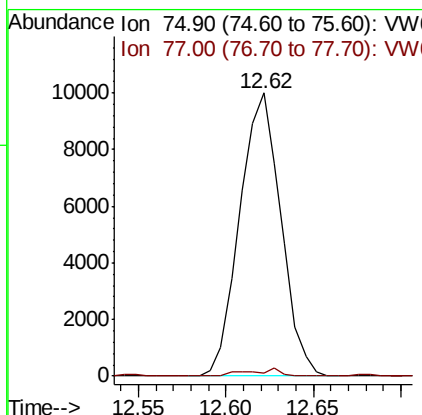
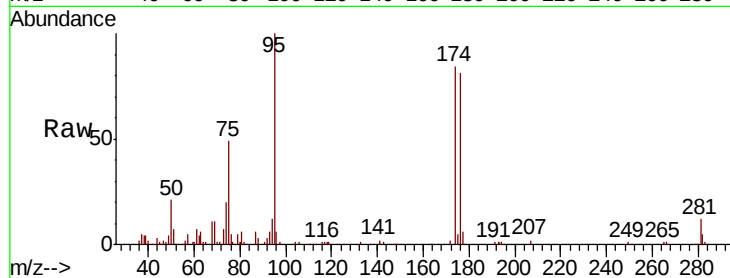
FLOOR-SLAB

Tot Ion: 75 Resp: 16448

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 149.701 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW008909.D

Acq: 01 Mar 2019 02:42

Tgt Ion: 75 Resp: 16448

Ion Ratio Lower Upper

75 100

53 0.0 88.2 132.2#

89 0.0 39.5 59.3#

