

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008907.D
 Acq On : 01 Mar 2019 01:49
 Operator : SY/VA
 Sample : K1649-02
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TRE-FLOOR-SLAB

Quant Time: Mar 01 06:06:06 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	333887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	510307	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	452381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	216674	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	182935	58.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.84%	
35) Dibromofluoromethane	7.88	113	152287	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.32	98	604033	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	12.62	95	205277	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	

Target Compounds

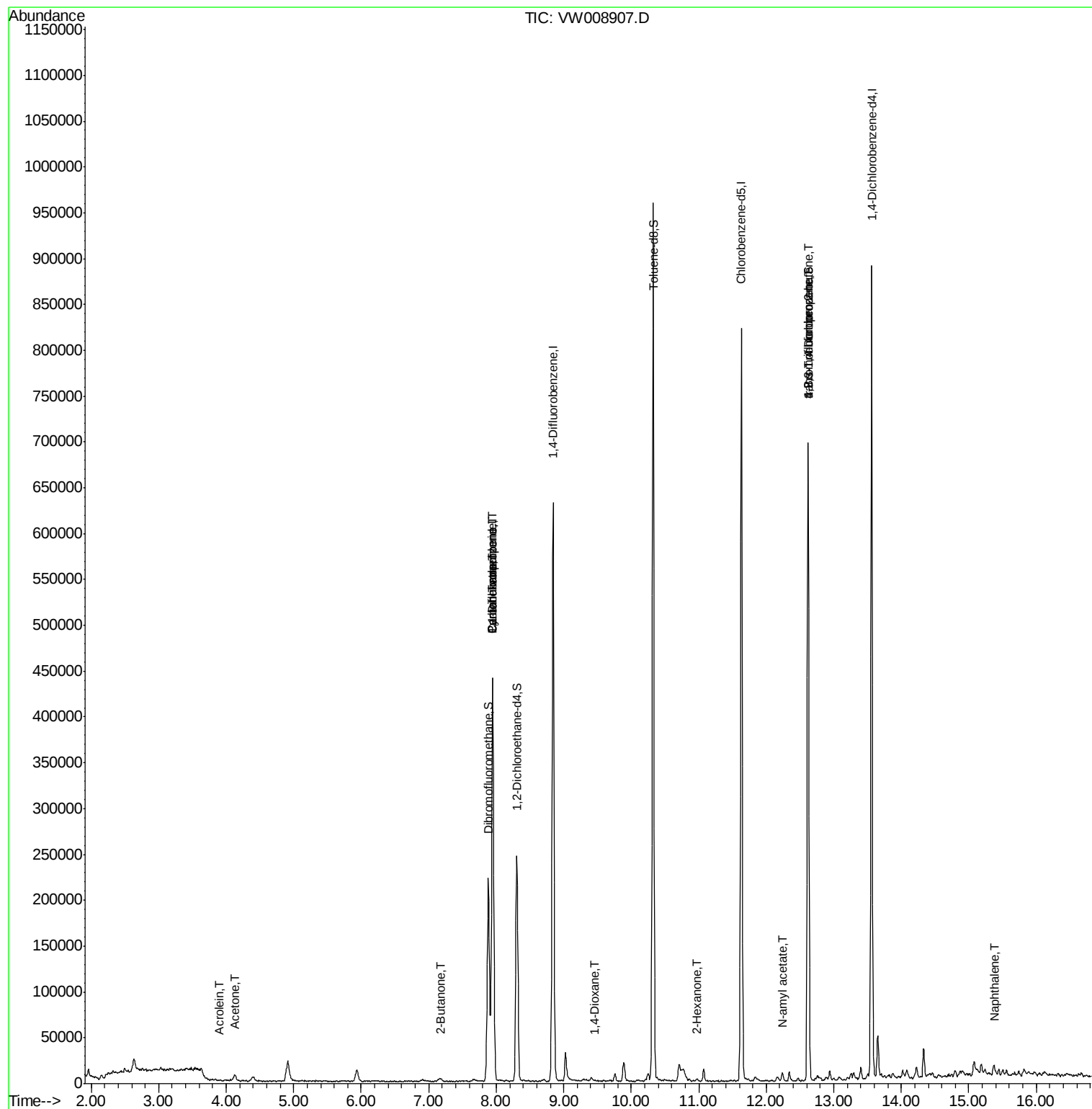
					Qvalue	
13) Acrolein	3.89	56	68	19.993	ug/l #	14
16) Acetone	4.12	43	12886	17.752	ug/l	100
20) Methylene Chloride	4.91	84	15822	Below Cal		93
25) 2-Butanone	7.18	43	2914	2.871	ug/l #	89
31) Cyclohexane	7.95	56	7521	1.274	ug/l #	8
36) 1,1-Dichloropropene	7.95	75	24454	4.923	ug/l #	51
38) Carbon Tetrachloride	7.95	117	32878	6.276	ug/l #	15
49) 1,4-Dioxane	9.46	88	44	1.474	ug/l #	1
59) 2-Hexanone	10.97	43	1849	1.110	ug/l	96
74) N-amyl acetate	12.24	43	5453	1.457	ug/l #	53
76) 1,2,3-Trichloropropane	12.62	75	110539	61.790	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	110539	150.217	ug/l #	6
95) Naphthalene	15.37	128	9608	1.207	ug/l	97

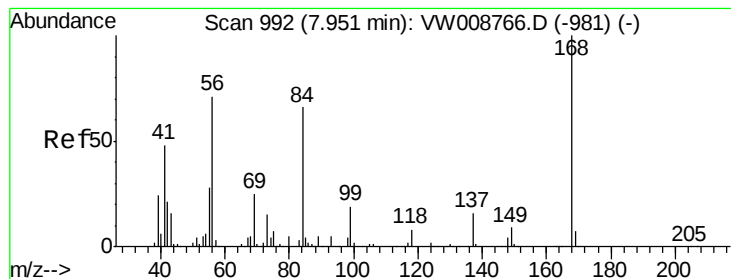
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 991

Delta R.T. -0.01 min

Lab File: VW008907.D

Acq: 01 Mar 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

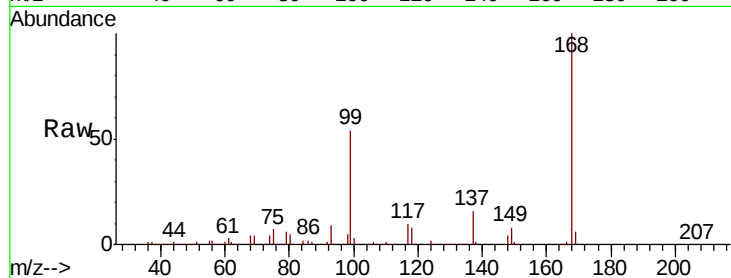
TRE-FLOOR-SLAB

Tot Ion:168 Resp: 333887

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

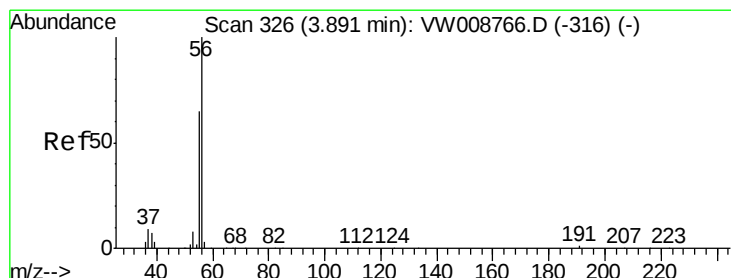
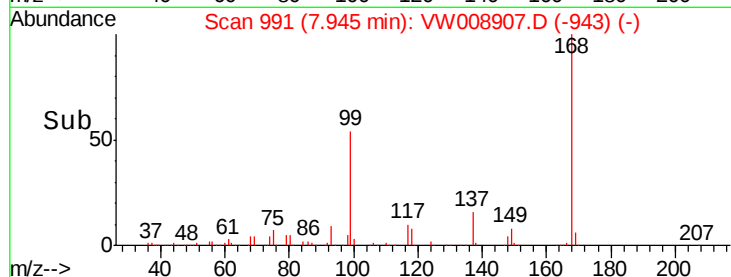
100000

50000

0

7.90 8.00

Time-->



#13

Acrolein

Concen: 19.993 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008907.D

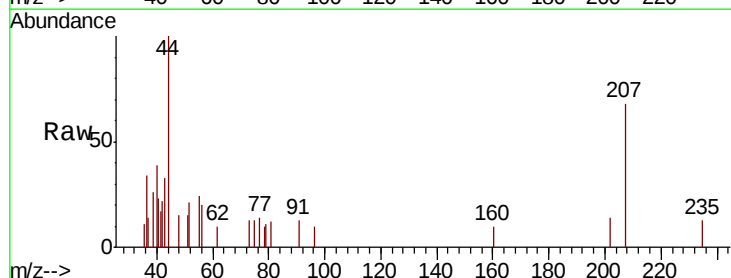
Acq: 01 Mar 2019 01:49

Tgt Ion: 56 Resp: 68

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

3.89

200

150

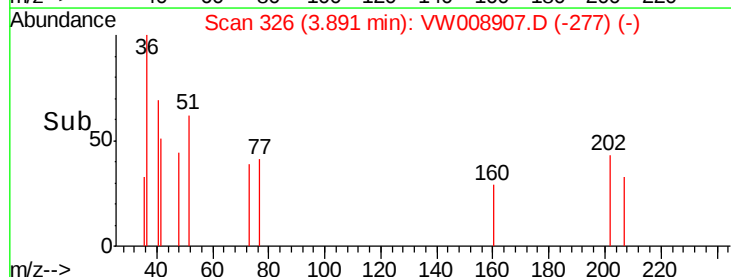
100

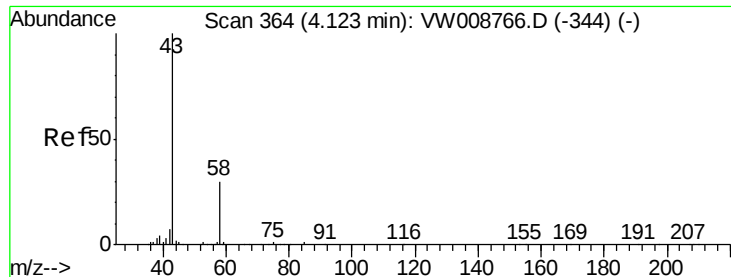
50

0

3.87 3.88 3.89 3.90

Time-->

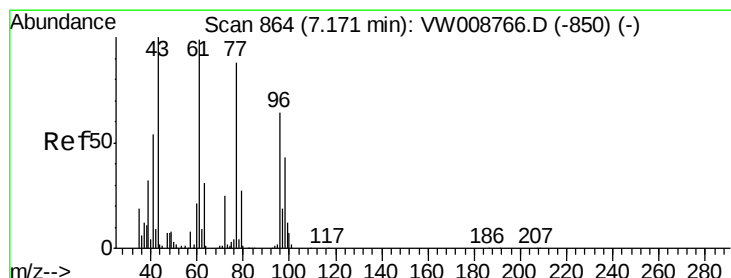
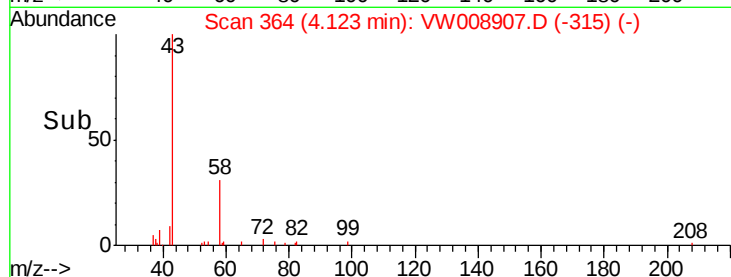
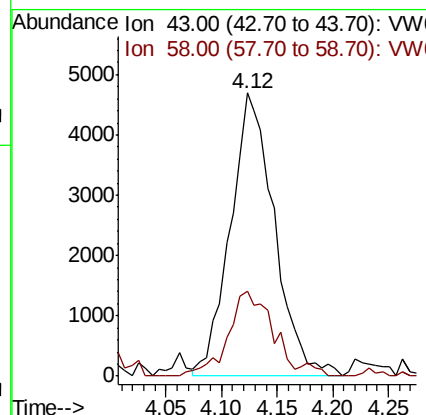
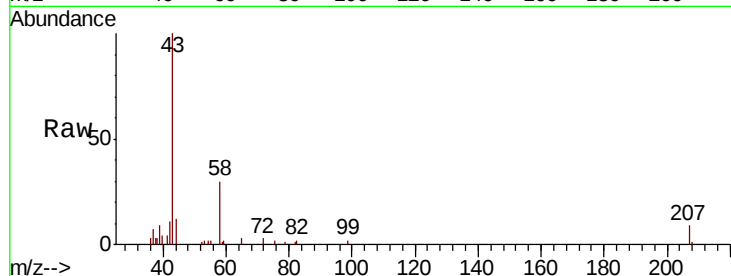




#16
Acetone
Concen: 17.752 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

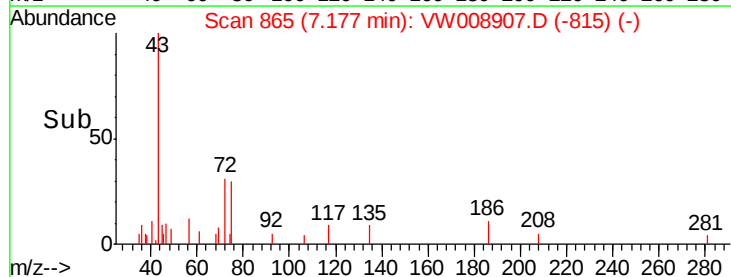
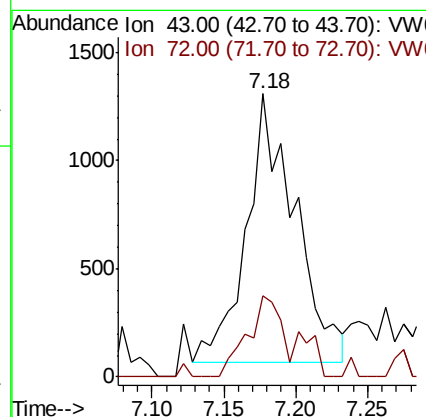
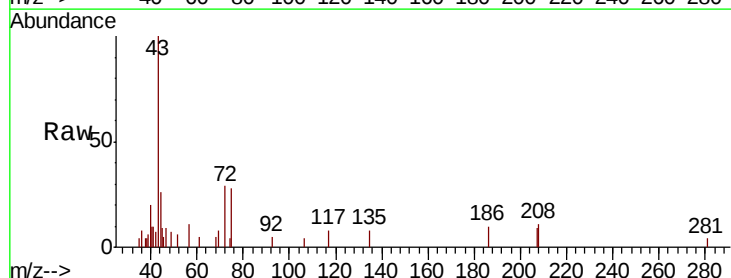
Instrument :
MSVOA_W
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TRE-FLOOR-SLAB

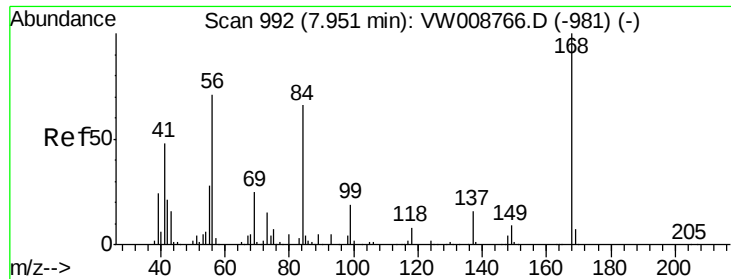
Tot Ion: 43 Resp: 12886
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.6



#25
2-Butanone
Concen: 2.871 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Tgt Ion: 43 Resp: 2914
Ion Ratio Lower Upper
43 100
72 30.2 19.7 29.5#

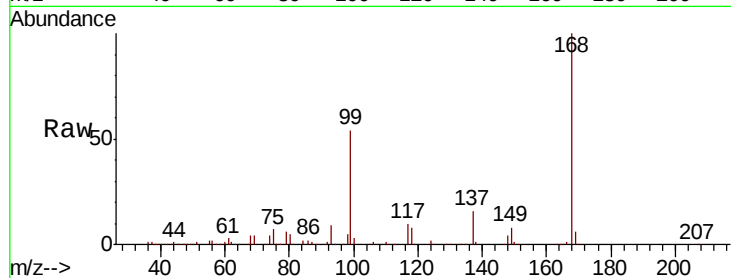




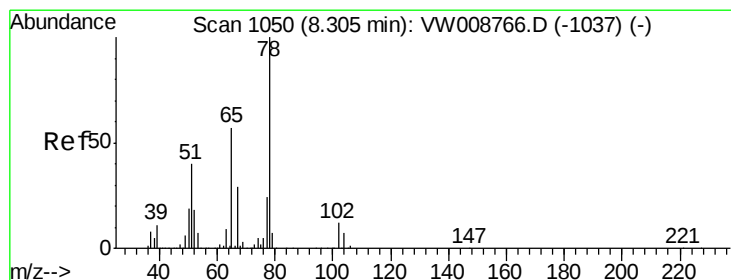
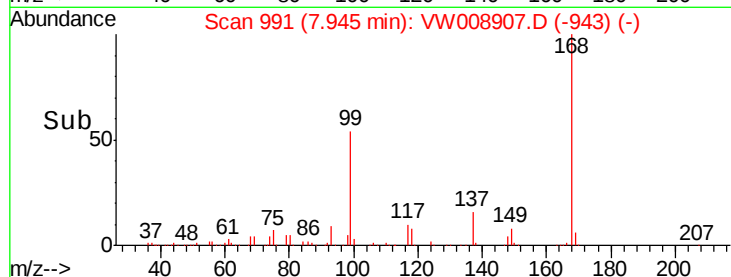
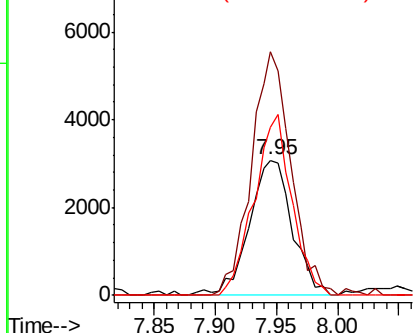
#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
TRE-FLOOR-SLAB

Tot Ion: 56 Resp: 7521
Ion Ratio Lower Upper
56 100
69 180.0 28.2 42.4#
84 124.1 74.1 111.1#

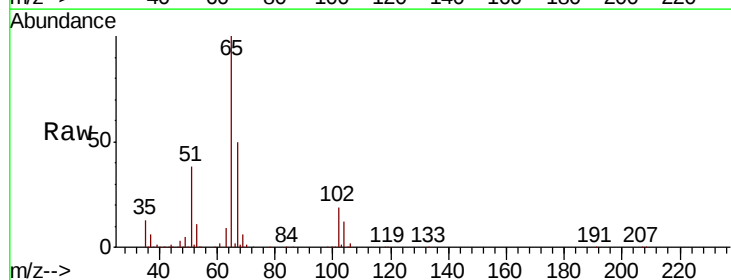


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

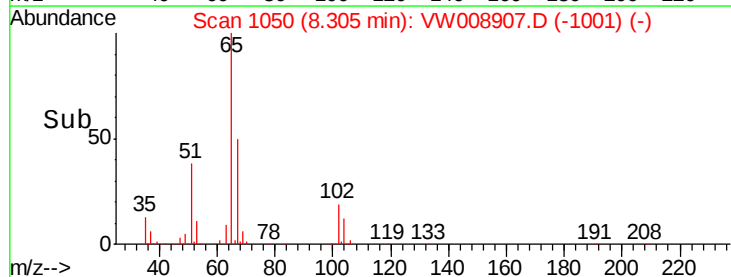
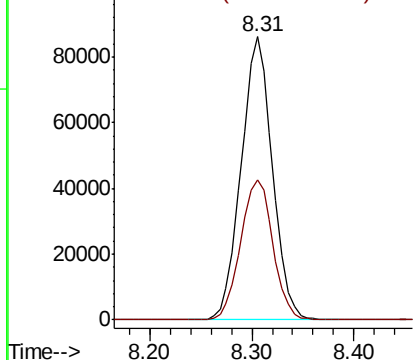


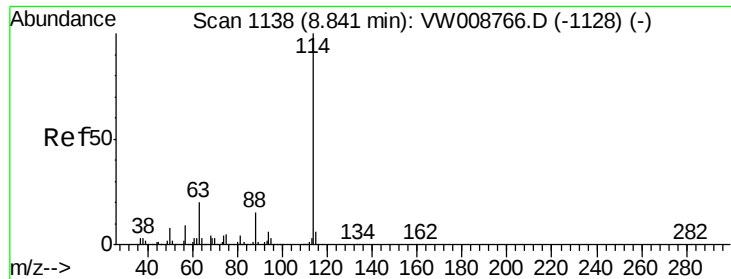
#33
1,2-Dichloroethane-d4
Concen: 58.417 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Tgt Ion: 65 Resp: 182935
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4



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

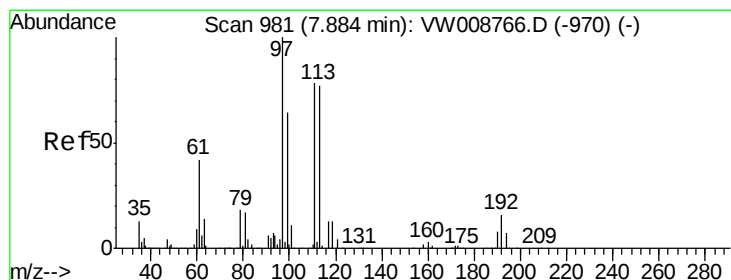
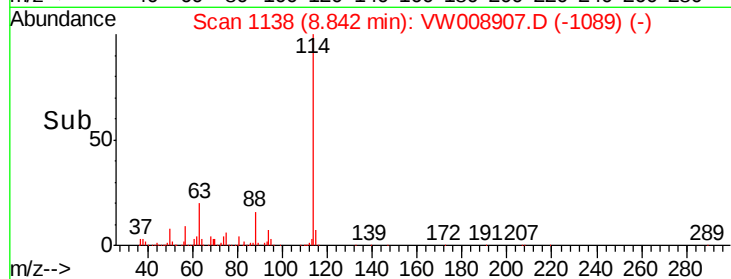
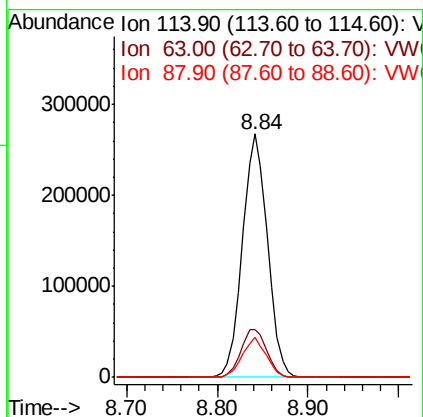
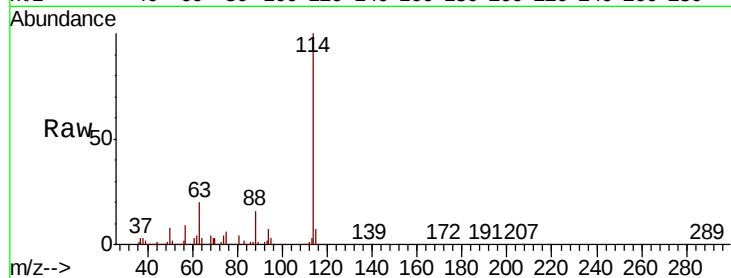




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

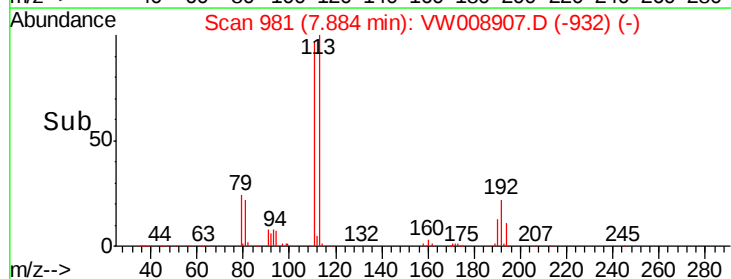
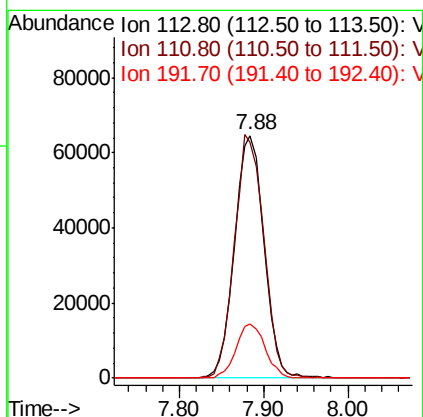
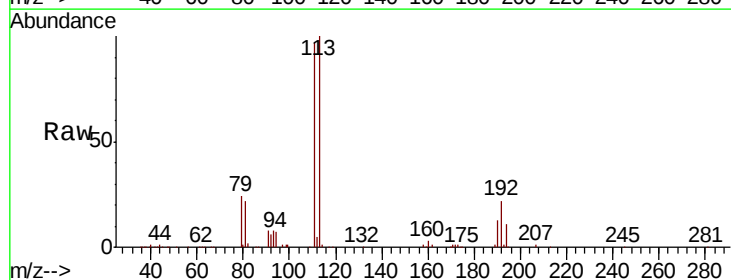
Instrument :
MSVOA_W
ClientSampleId :
TRE-FLOOR-SLAB

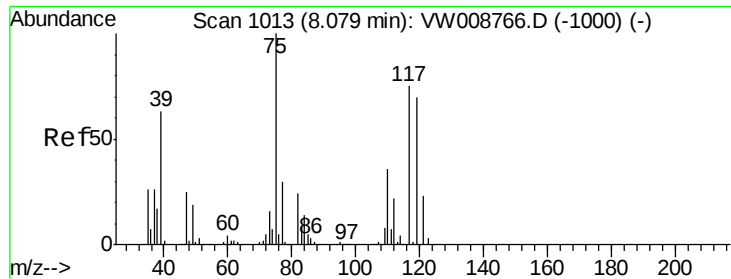
Tot Ion:114 Resp: 510307
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.8
88 16.3 0.0 30.4



#35
Dibromofluoromethane
Concen: 49.703 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Tgt Ion:113 Resp: 152287
Ion Ratio Lower Upper
113 100
111 99.9 81.9 122.9
192 21.9 17.1 25.7

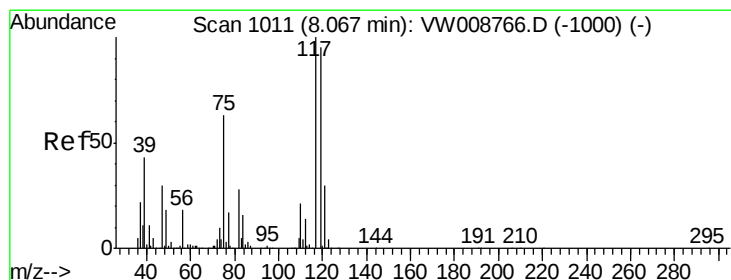
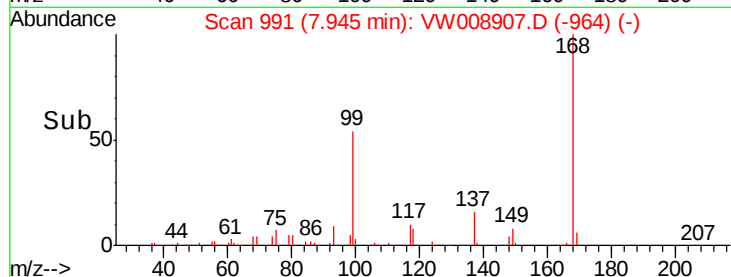
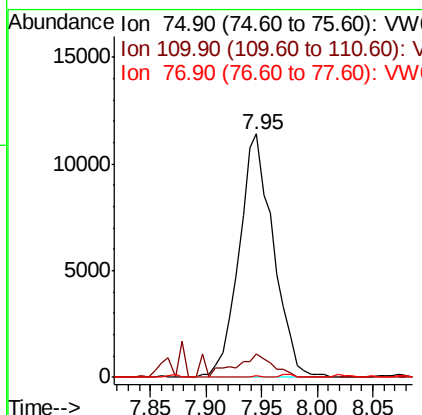
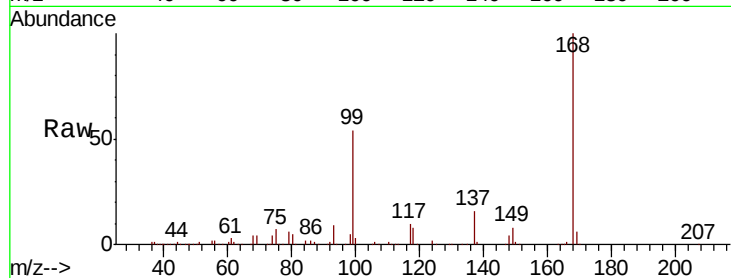




#36
 1,1-Dichloropropene
 Concen: 4.923 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW008907.D
 Acq: 01 Mar 2019 01:49

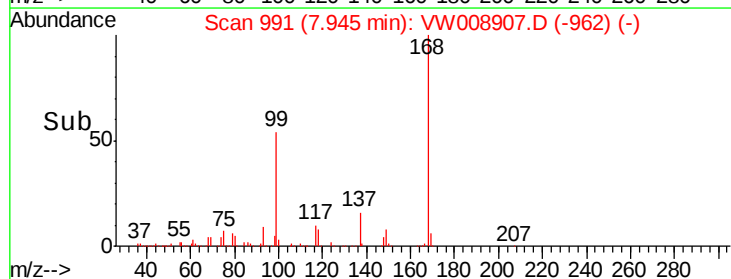
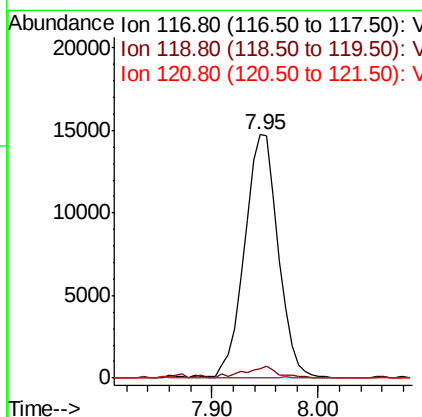
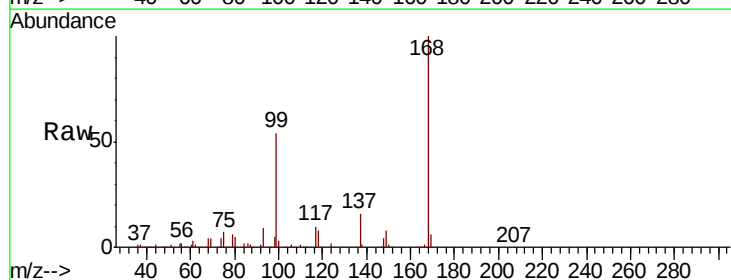
Instrument :
 MSVOA_W
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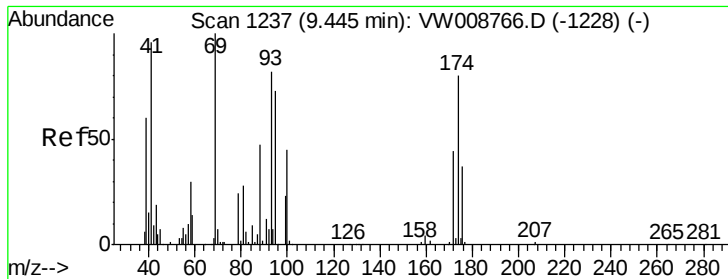
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.5	52.6#
77	0.1	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.276 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW008907.D
 Acq: 01 Mar 2019 01:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.1	114.1#
121	0.0	24.0	36.0#

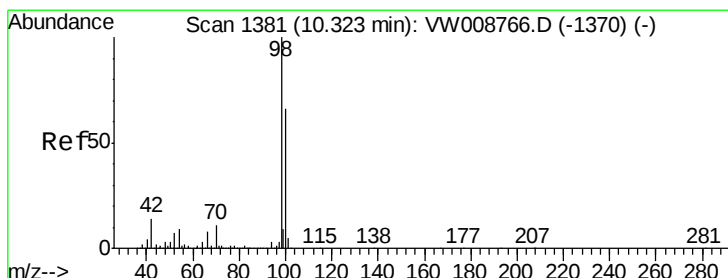
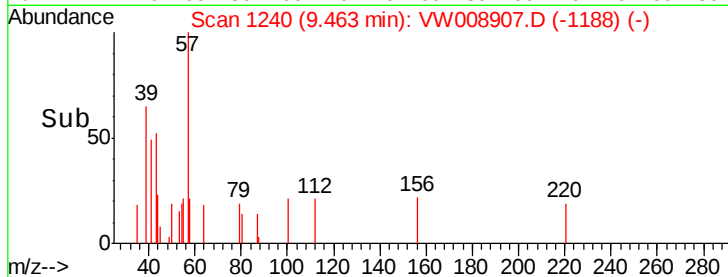
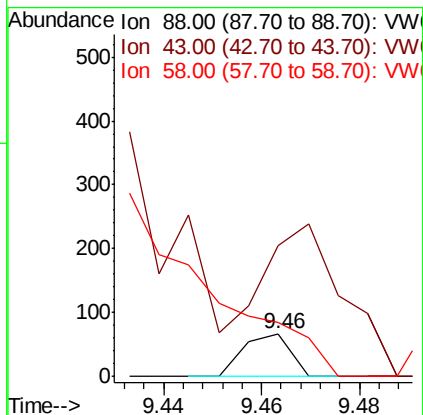
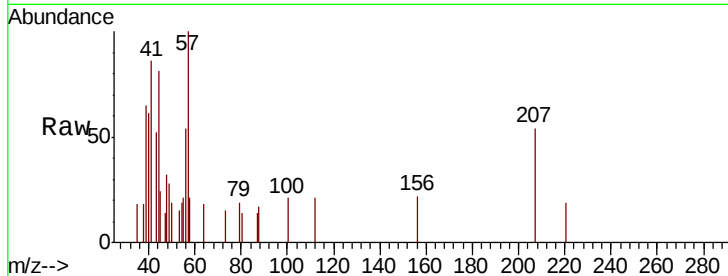




#49
1,4-Dioxane
Concen: 1.474 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

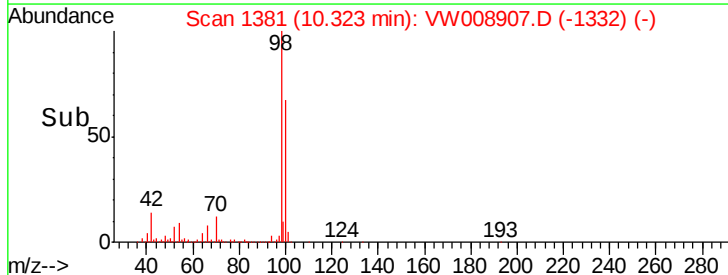
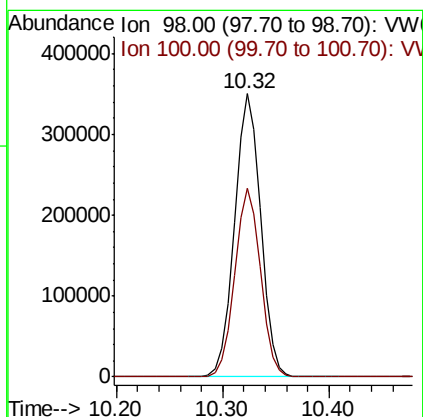
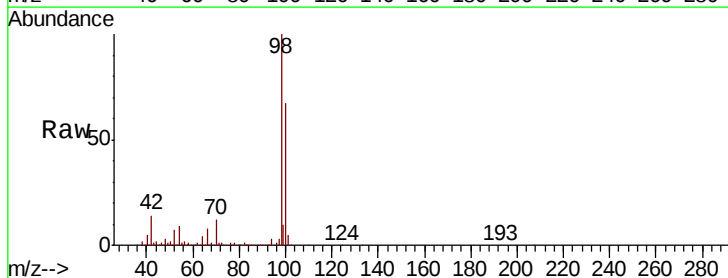
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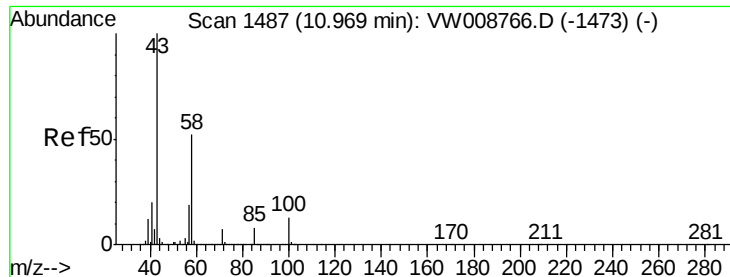
Tot Ion: 88 Resp: 44
Ion Ratio Lower Upper
88 100
43 647.7 29.0 43.4#
58 0.0 52.0 78.0#



#50
Toluene-d8
Concen: 51.069 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Tgt Ion: 98 Resp: 604033
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6

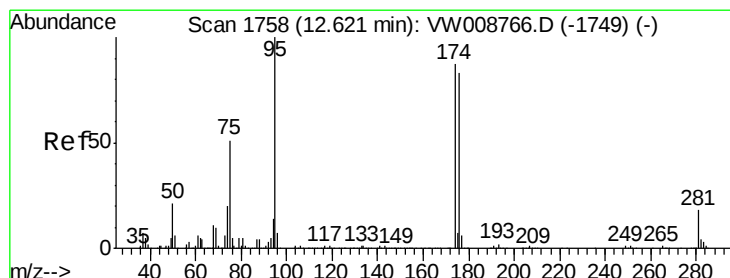
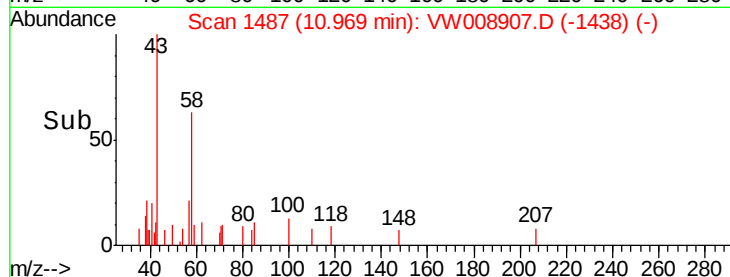
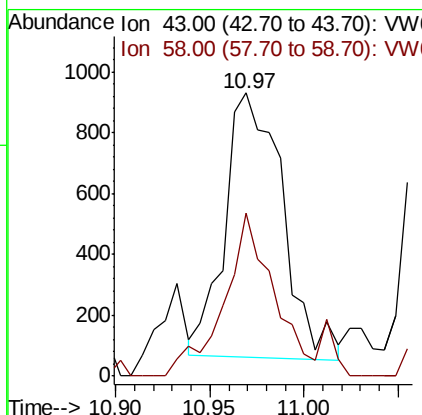
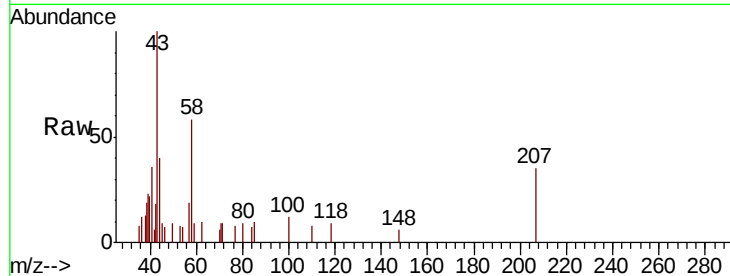




#59
2-Hexanone
Concen: 1.110 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

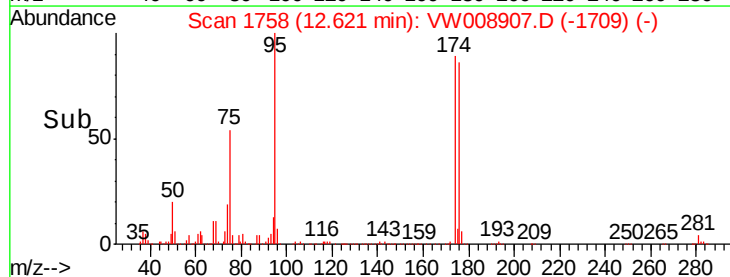
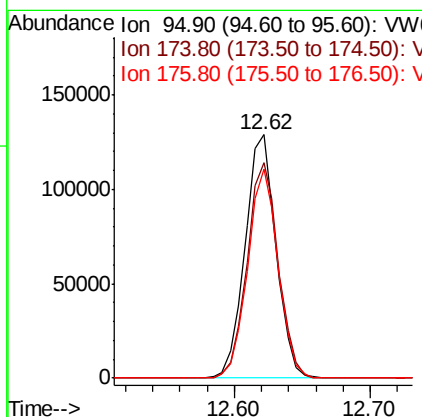
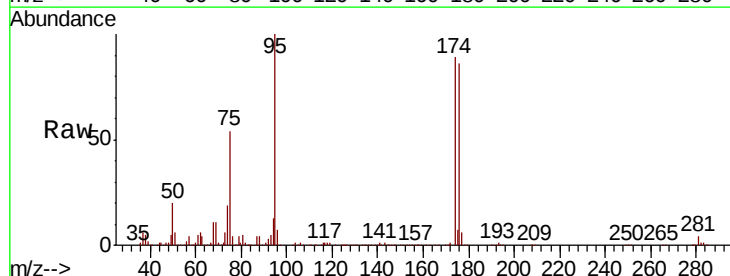
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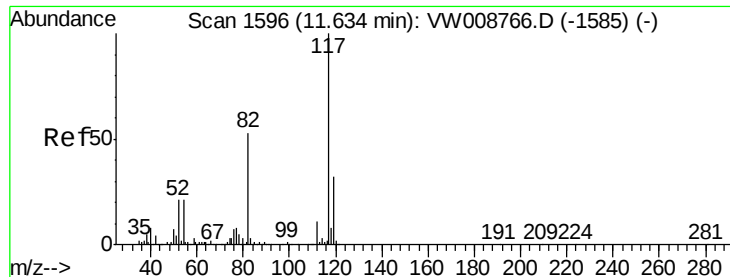
Tot Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
58 53.1 25.3 75.8



#62
4-Bromofluorobenzene
Concen: 44.326 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Tgt Ion: 95 Resp: 205277
Ion Ratio Lower Upper
95 100
174 89.2 0.0 169.2
176 84.7 0.0 163.6

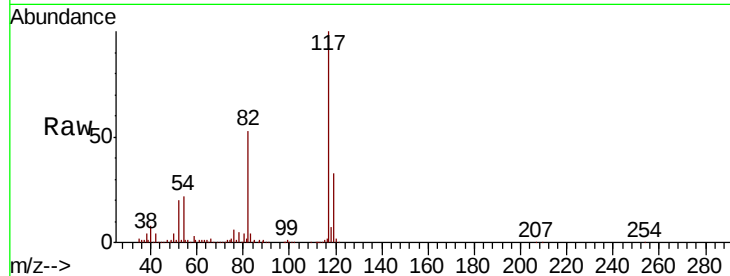




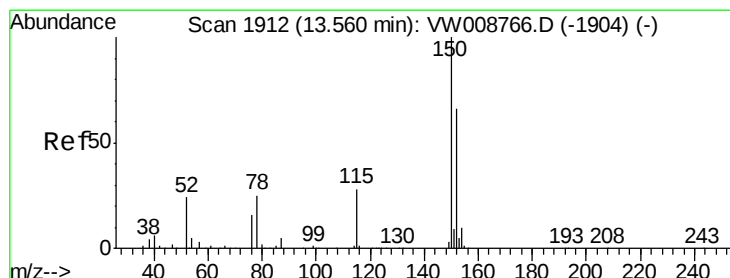
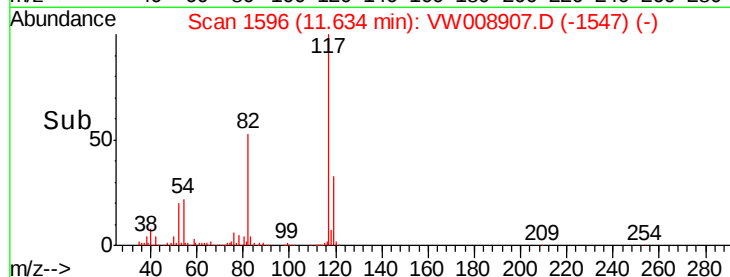
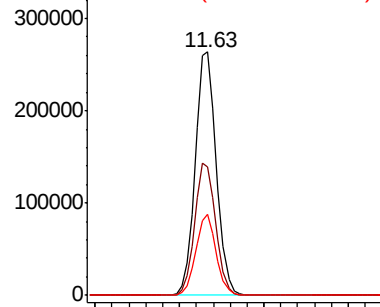
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
TRE-FLOOR-SLAB

Tot Ion:117 Resp: 452381
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 33.1 25.9 38.9

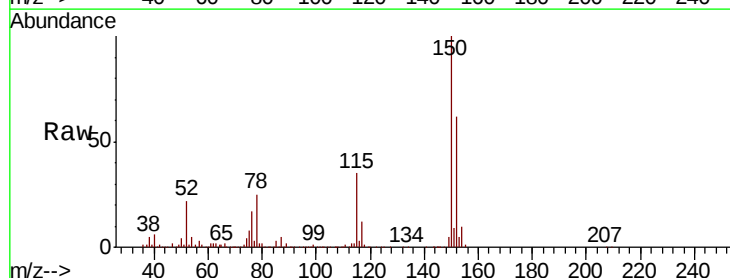


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

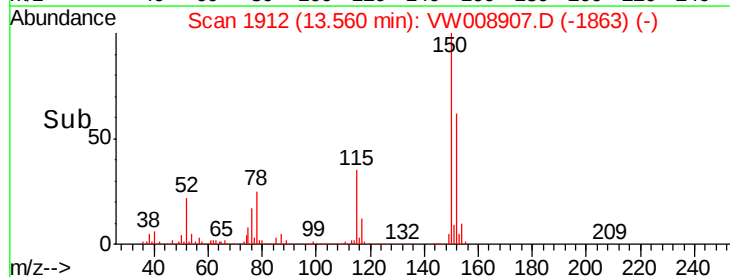
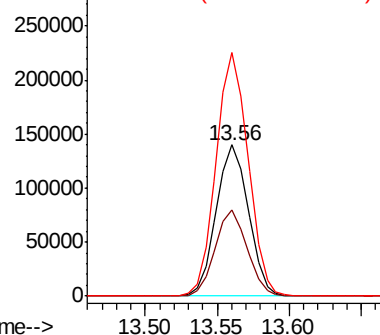


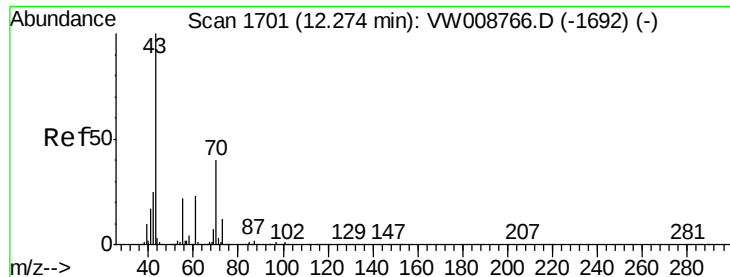
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Tgt Ion:152 Resp: 216674
Ion Ratio Lower Upper
152 100
115 56.8 28.6 85.8
150 160.1 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





#74

N-amvl acetate

Concen: 1.457 ug/l

RT: 12.24 min Scan# 1695

Delta R.T. -0.04 min

Lab File: VW008907.D

Acq: 01 Mar 2019 01:49

Instrument :

MSVOA_W

ClientSampleId :

TRE-FLOOR-SLAB

Tot Ion: 43 Resp: 5453

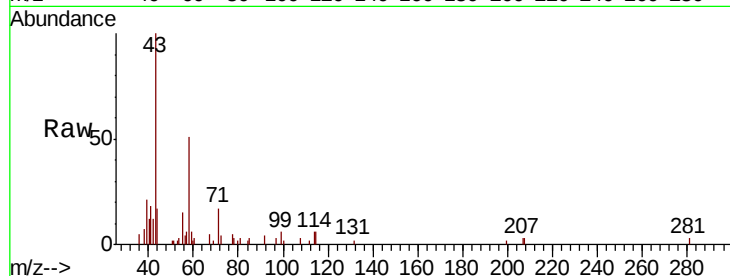
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 12.7 18.7 28.1#

61 1.0 18.1 27.1#

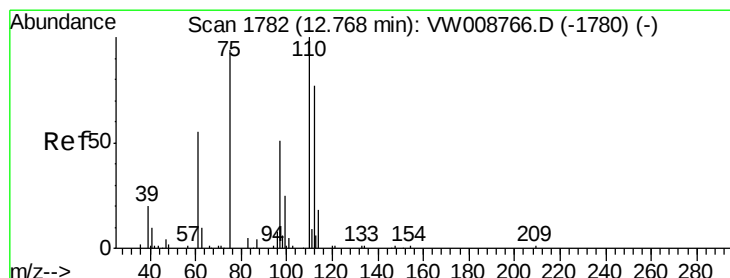
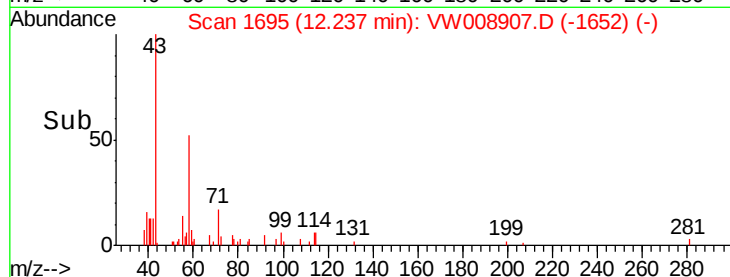
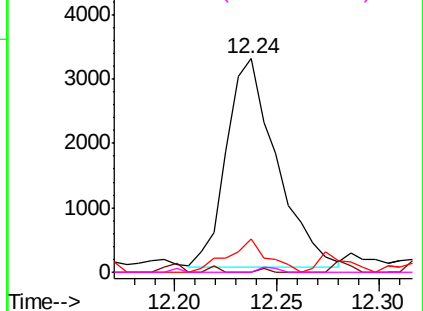


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 61.790 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW008907.D

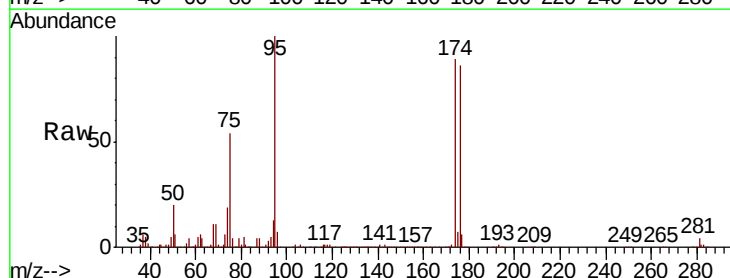
Acq: 01 Mar 2019 01:49

Tgt Ion: 75 Resp: 110539

Ion Ratio Lower Upper

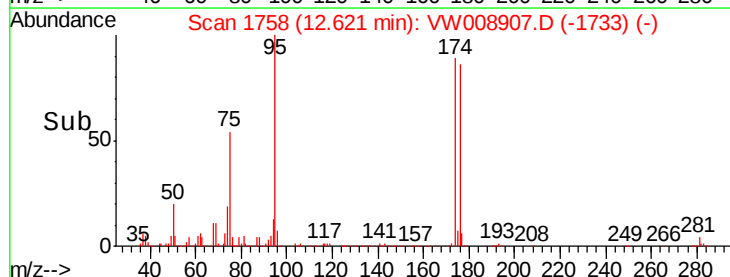
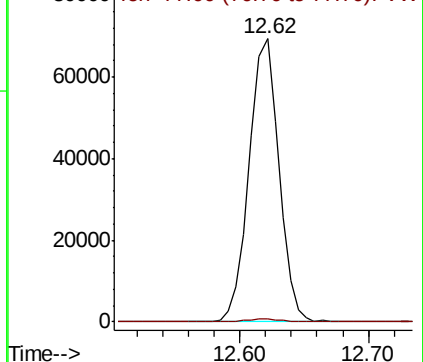
75 100

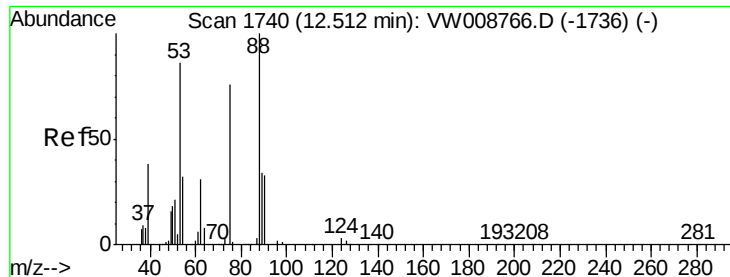
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

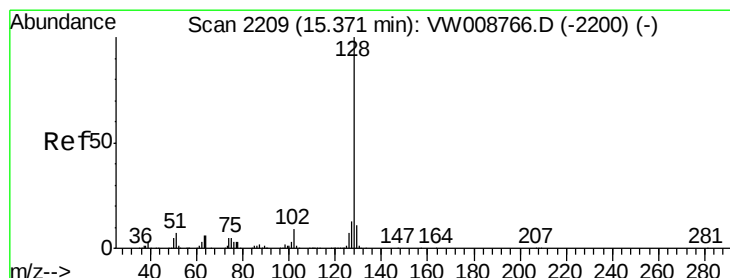
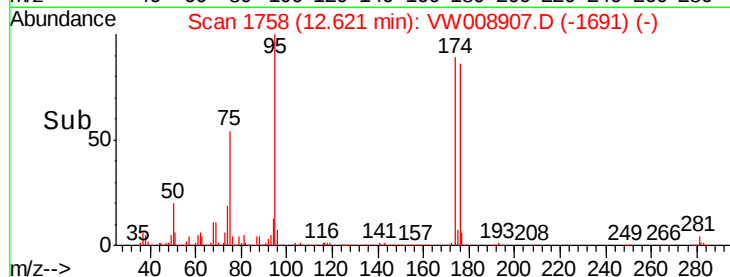
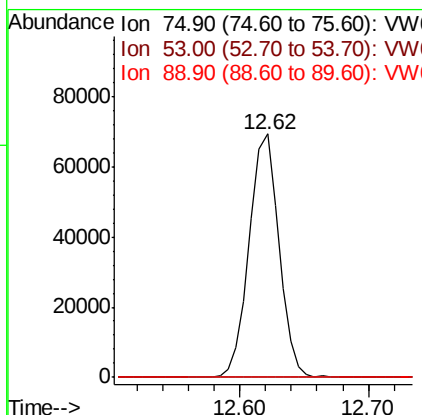
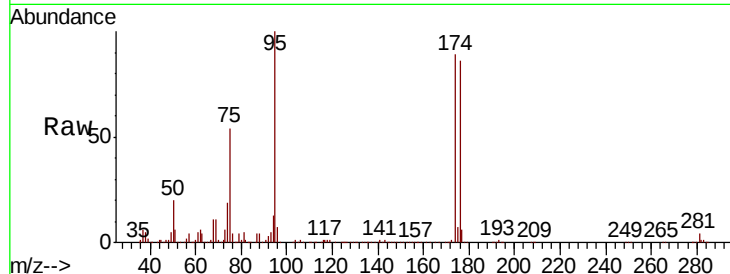




#81
trans-1,4-Dichloro-2-butene
Concen: 150.217 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Instrument :
MSVOA_W
ClientSampleId :
TRE-FLOOR-SLAB

Tot Ion: 75 Resp: 110539
Ion Ratio Lower Upper
75 100
53 0.1 88.2 132.2#
89 0.2 39.5 59.3#



#95
Naphthalene
Concen: 1.207 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008907.D
Acq: 01 Mar 2019 01:49

Tgt Ion: 128 Resp: 9608
Ion Ratio Lower Upper
128 100
127 14.2 10.8 16.2
129 12.6 8.7 13.1

