

Data File : VW006920.D
Acq On : 16 Nov 2018 16:57
Operator : SY/AP
Sample : J5979-01
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ET100

Quant Time: Nov 16 23:54:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:51:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	147840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	127505	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	47053	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	35348	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.72%
7) Chloroethane-d5	2.89	69	27281	28.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.40%
10) 1,1-Dichloroethene-d2	4.03	63	68465	19.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.12%
20) 2-Butanone-d5	7.09	46	21110	29.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.36%
24) Chloroform-d	7.65	84	87328	26.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.72%
26) 1,2-Dichloroethane-d4	8.31	65	49517	26.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.24%
29) Benzene-d6	8.28	84	178214	26.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.96%
33) 1,2-Dichloropropane-d6	9.28	67	54825	26.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.48%
37) Toluene-d8	10.33	98	174886	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.48%
38) trans-1,3-Dichloropropene-	10.58	79	20131	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.88%
39) 2-Hexanone-d5	10.93	63	16631	32.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34339	19.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	43112	24.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.76%

Target Compounds

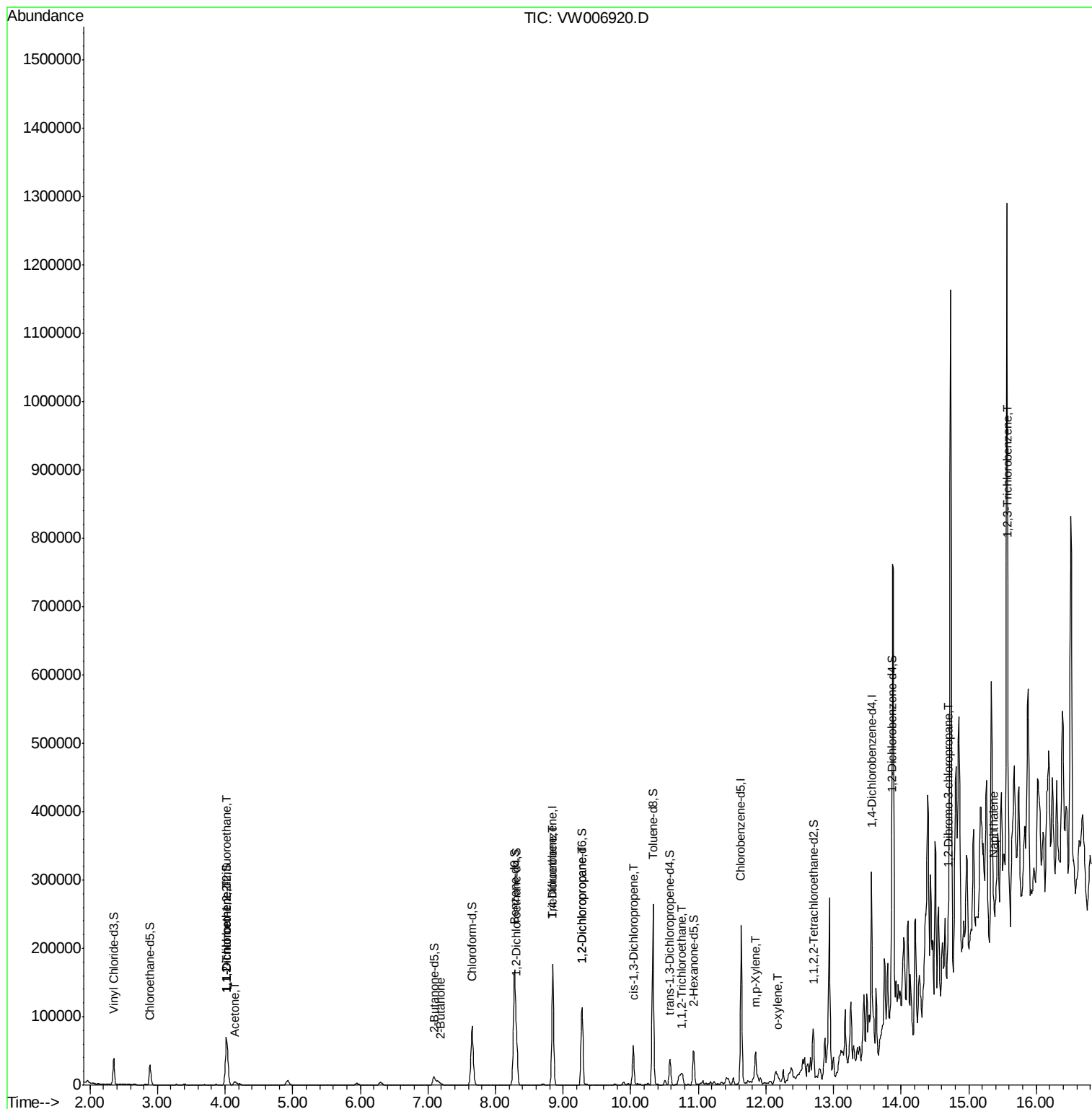
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	612	0.314	ug/L #	21
12) 1,1-Dichloroethene	4.03	96	610	0.361	ug/L #	1
13) Acetone	4.15	43	8000	17.167	ug/L	91
21) 2-Butanone	7.19	43	3357	4.175	ug/L #	71
35) Trichloroethene	8.85	95	4356	2.243	ug/L #	6
40) 1,2-Dichloropropane	9.28	63	5778	3.289	ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	1446	0.545	ug/L #	67
46) 1,1,2-Trichloroethane	10.76	97	1037	0.771	ug/L #	19
54) m,p-Xylene	11.84	106	2755	0.741	ug/L	96
55) o-xylene	12.17	106	2146	0.630	ug/L	87
66) 1,2-Dibromo-3-chloropropan	14.69	75	1619	6.366	ug/L #	14
69) Naphthalene	15.38	128	3440	0.850	ug/L #	80
70) 1,2,3-Trichlorobenzene	15.58	180	2272	1.513	ug/L #	1

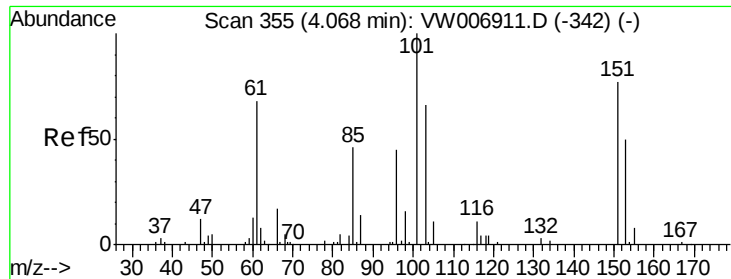
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.314 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.04 min

Lab File: VW006920.D

Acq: 16 Nov 2018 16:57

Instrument :

MSVOA_W

ClientSampled :

ET100

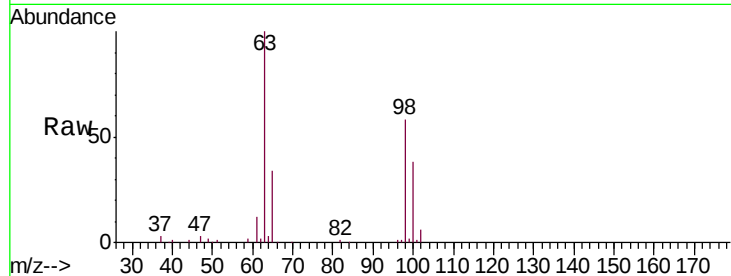
Tgt Ion: 101 Resp: 612

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.8#

151 0.0 57.5 86.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V

4.03

300

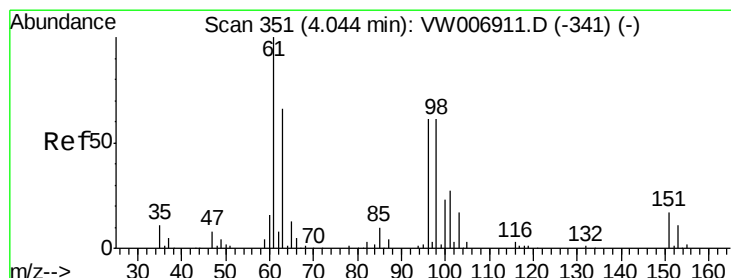
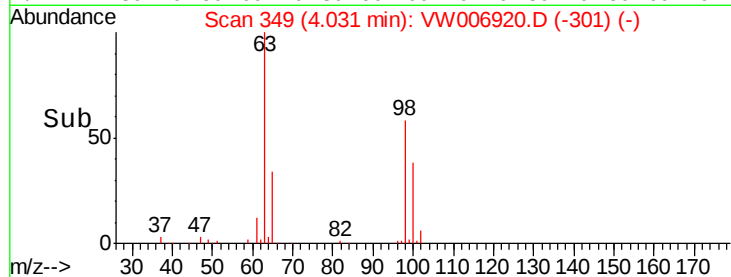
200

100

0

4.00 4.05

Time-->



#12

1,1-Dichloroethene

Concen: 0.361 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.02 min

Lab File: VW006920.D

Acq: 16 Nov 2018 16:57

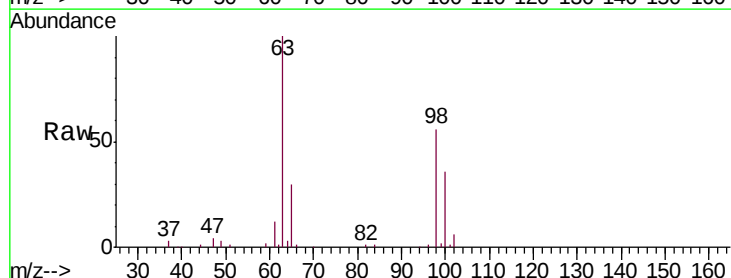
Tgt Ion: 96 Resp: 610

Ion Ratio Lower Upper

96 100

61 1165.6 116.3 215.9#

63 9534.1 73.4 136.4#



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW

30000

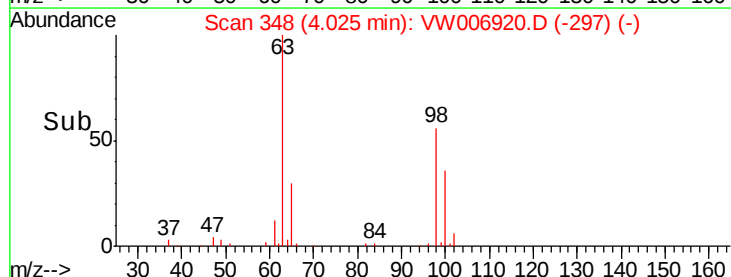
20000

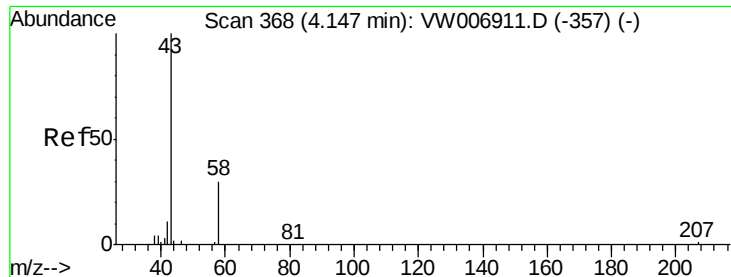
10000

0

4.00 4.05

Time-->





#13

Acetone

Concen: 17.167 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006920.D

Acq: 16 Nov 2018 16:57

Instrument :

MSVOA_W

ClientSampled :

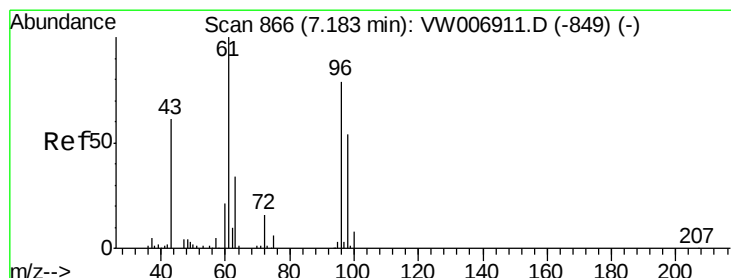
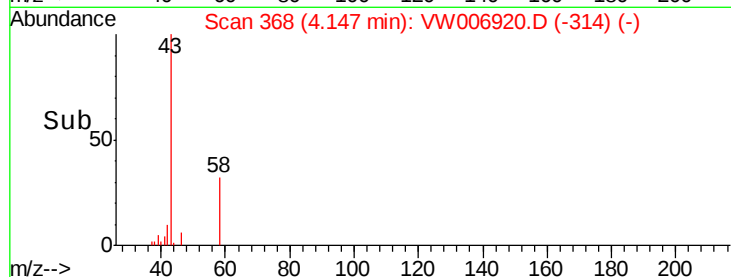
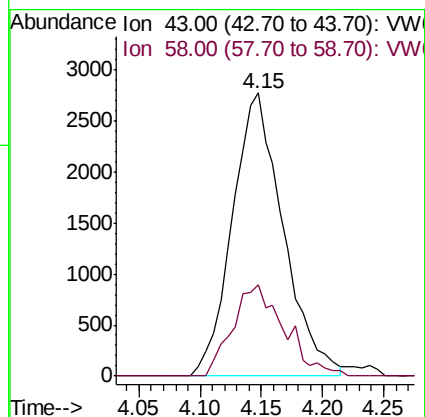
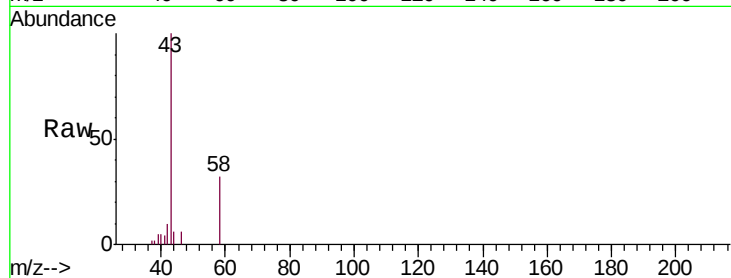
ET100

Tgt Ion: 43 Resp: 8000

Ion Ratio Lower Upper

43 100

58 27.9 0.0 65.6



#21

2-Butanone

Concen: 4.175 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW006920.D

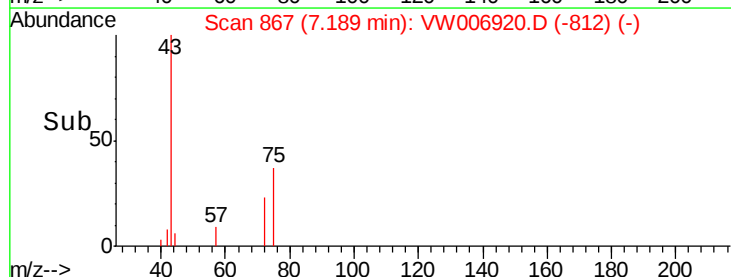
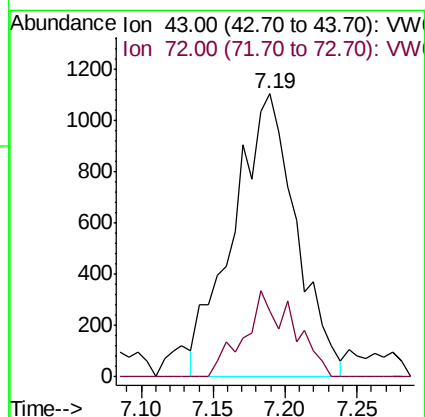
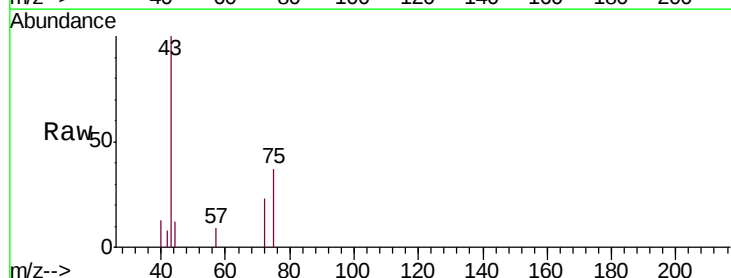
Acq: 16 Nov 2018 16:57

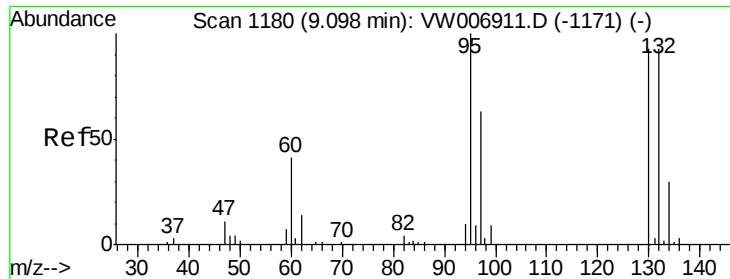
Tgt Ion: 43 Resp: 3357

Ion Ratio Lower Upper

43 100

72 12.0 13.5 40.5#





#35

Trichloroethene

Concen: 2.243 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.25 min

Lab File: VW006920.D

Acq: 16 Nov 2018 16:57

Instrument :

MSVOA_W

ClientSampleId :

ET100

Tgt Ion: 95 Resp: 4356

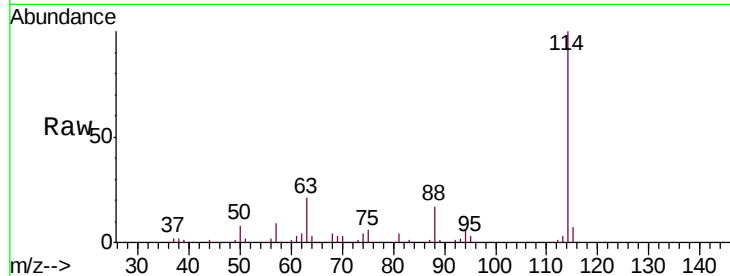
Ion Ratio Lower Upper

95 100

97 0.0 45.1 83.9#

132 0.0 65.7 121.9#

130 0.0 68.7 127.7#

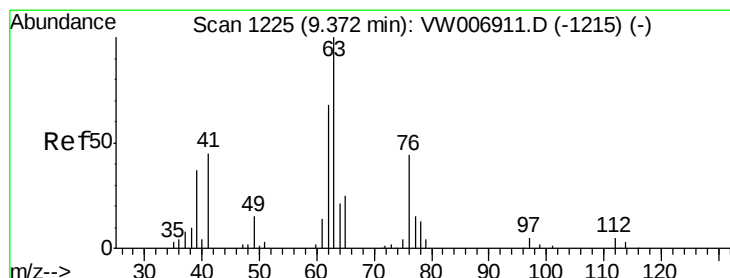
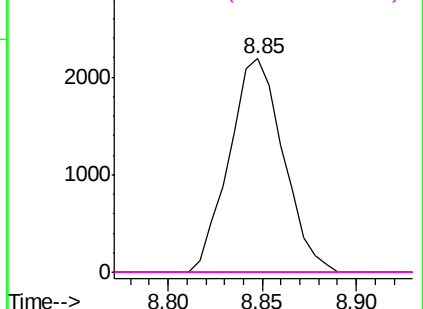
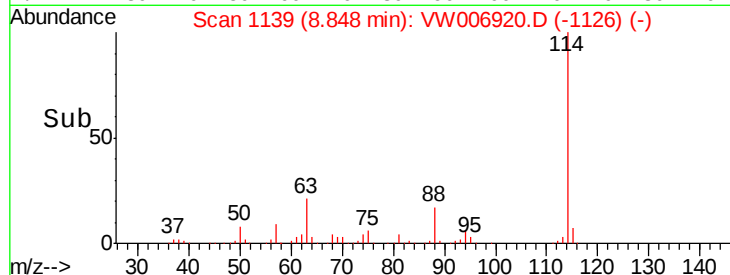


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 3.289 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006920.D

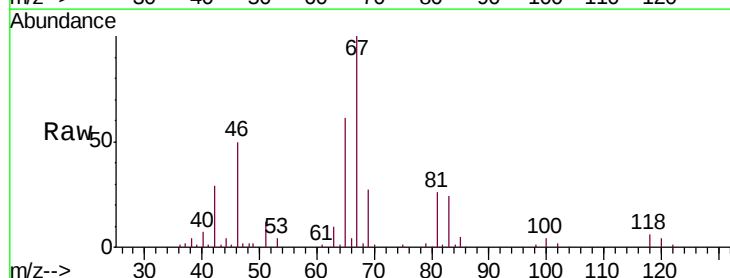
Acq: 16 Nov 2018 16:57

Tgt Ion: 63 Resp: 5778

Ion Ratio Lower Upper

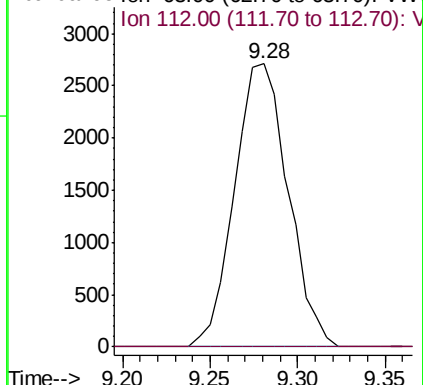
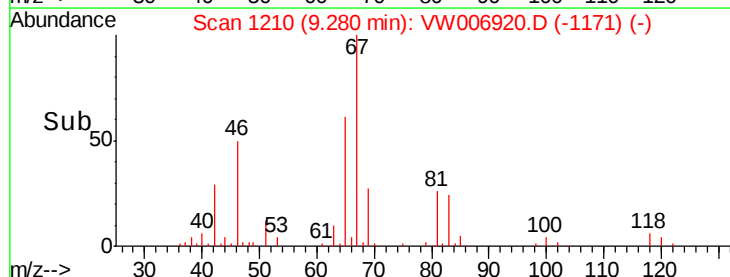
63 100

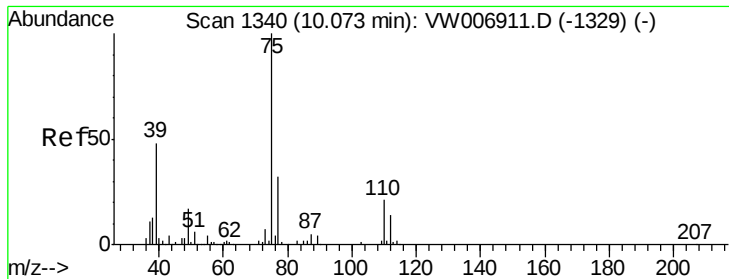
112 0.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006920.D

Acq: 16 Nov 2018 16:57

Instrument :

MSVOA_W

ClientSampleId :

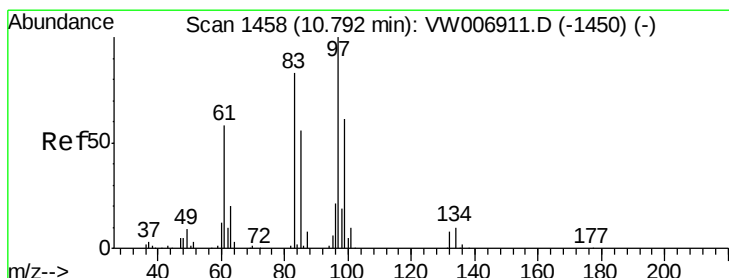
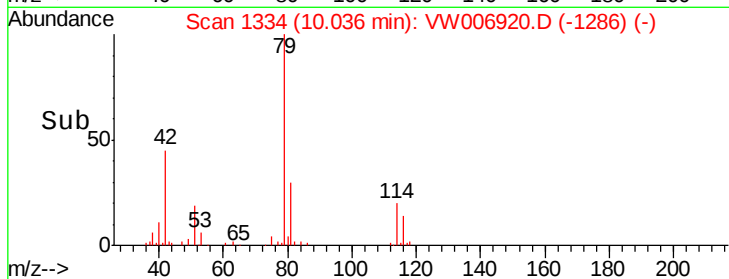
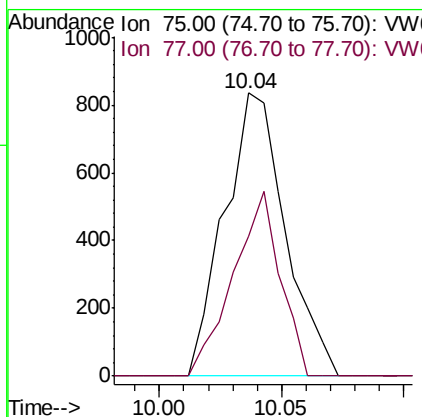
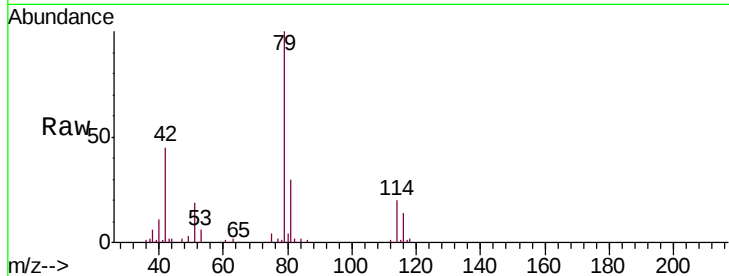
ET100

Tgt Ion: 75 Resp: 1446

Ion Ratio Lower Upper

75 100

77 49.3 21.9 40.7#



#46

1,1,2-Trichloroethane

Concen: 0.771 ug/L

RT: 10.76 min Scan# 1452

Delta R.T. -0.04 min

Lab File: VW006920.D

Acq: 16 Nov 2018 16:57

Tgt Ion: 97 Resp: 1037

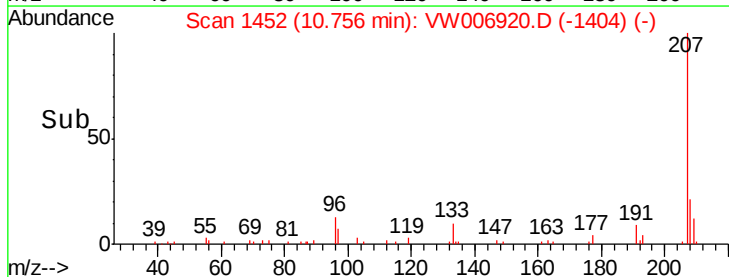
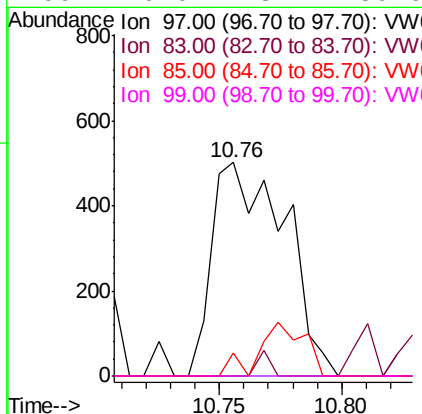
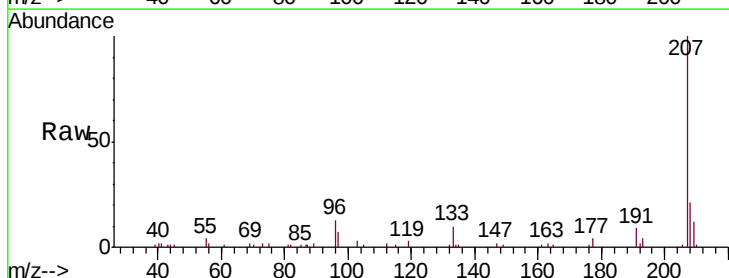
Ion Ratio Lower Upper

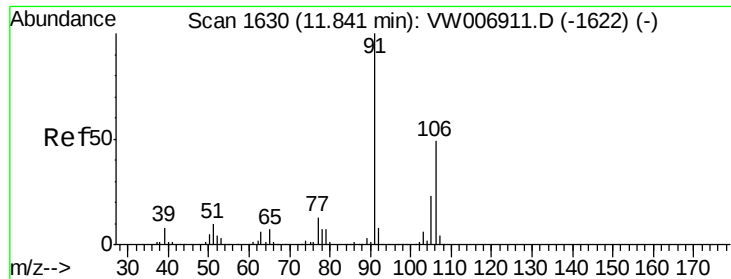
97 100

83 0.0 59.6 110.8#

85 10.6 37.7 70.1#

99 0.0 43.4 80.6#





#54

m,p-Xylene

Concen: 0.741 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW006920.D

Acq: 16 Nov 2018 16:57

Instrument :

MSVOA_W

ClientSampled :

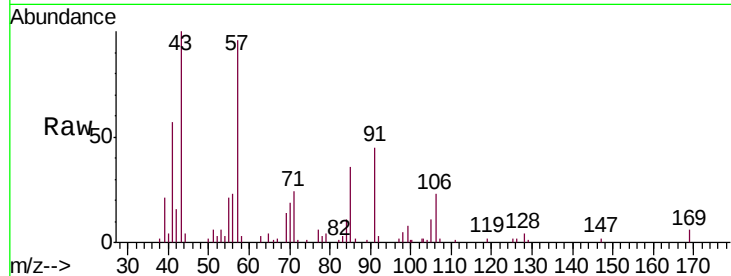
ET100

Tgt Ion:106 Resp: 2755

Ion Ratio Lower Upper

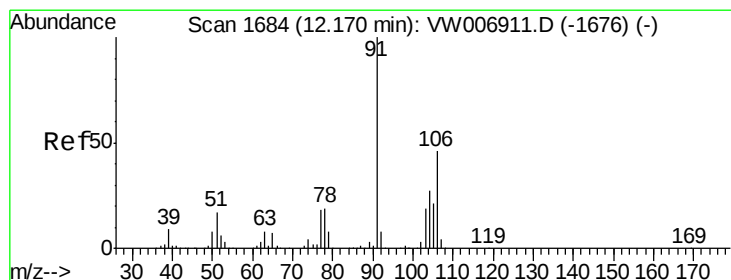
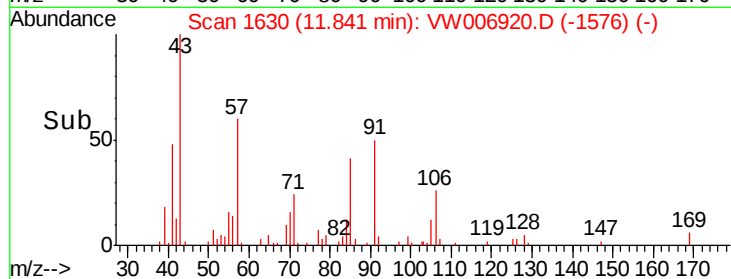
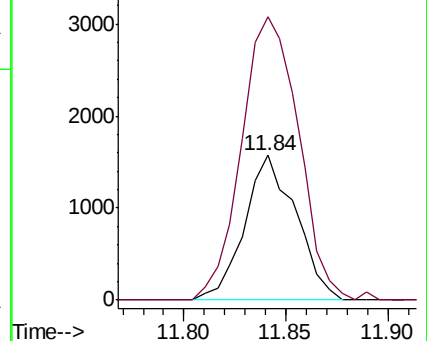
106 100

91 195.5 141.5 262.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 0.630 ug/L

RT: 12.17 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VW006920.D

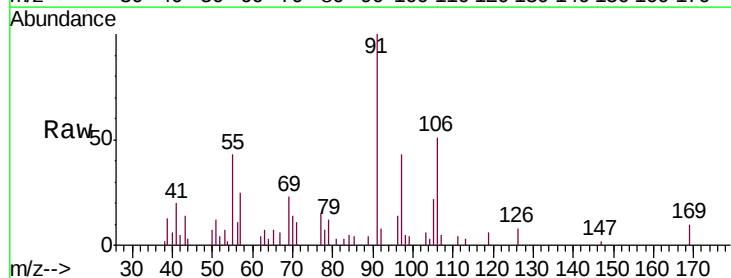
Acq: 16 Nov 2018 16:57

Tgt Ion:106 Resp: 2146

Ion Ratio Lower Upper

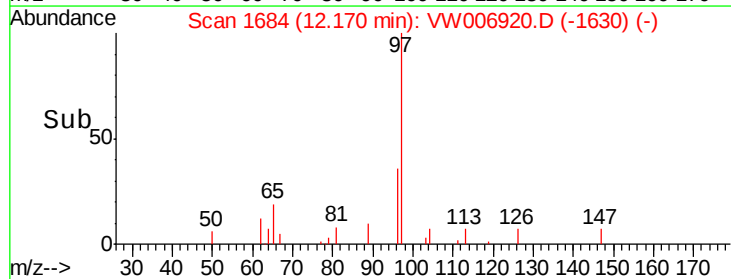
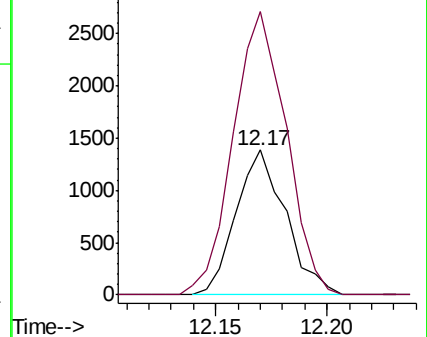
106 100

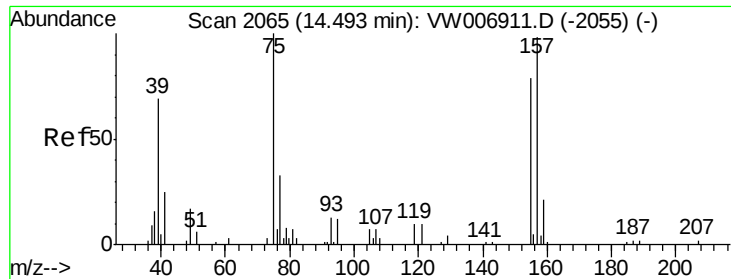
91 195.4 151.3 281.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

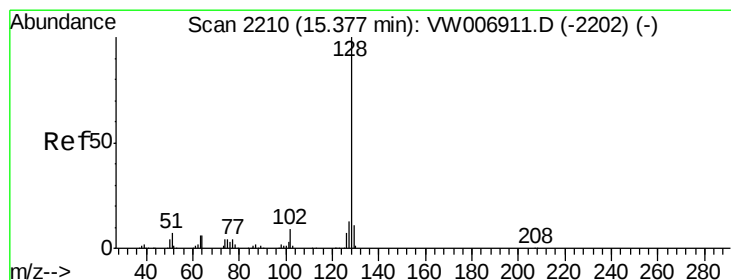
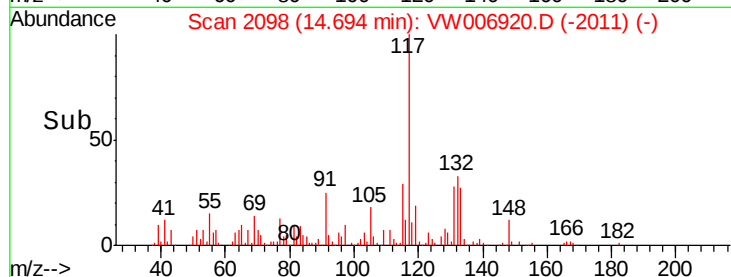
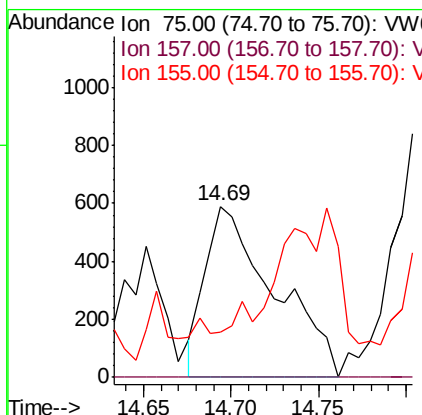
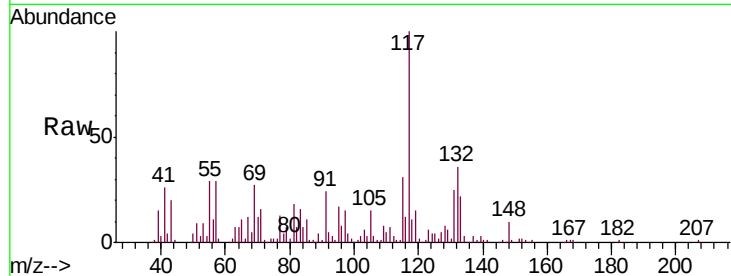




#66
 1,2-Dibromo-3-chloropropane
 Concen: 6.366 ug/L
 RT: 14.69 min Scan# 2098
 Delta R.T. 0.20 min
 Lab File: VW006920.D
 Acq: 16 Nov 2018 16:57

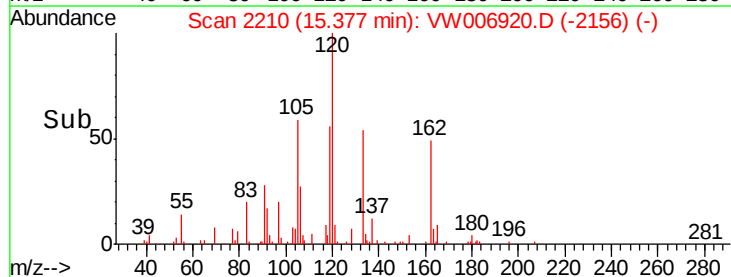
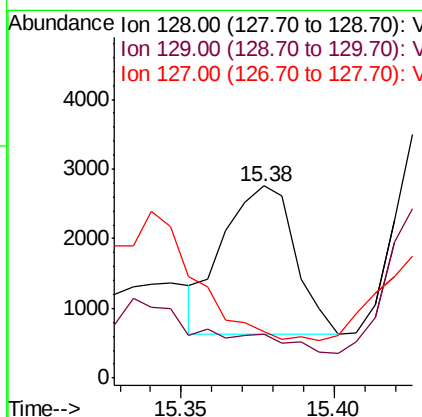
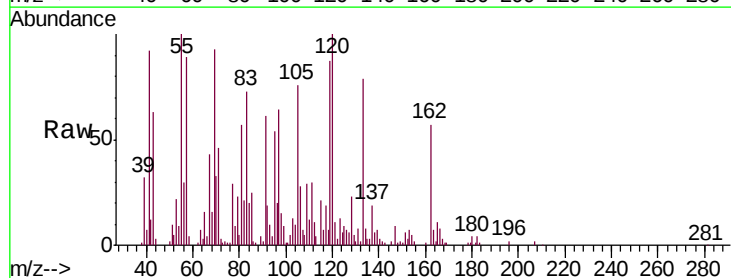
Instrument :
 MSVOA_W
 ClientSampled :
 ET100

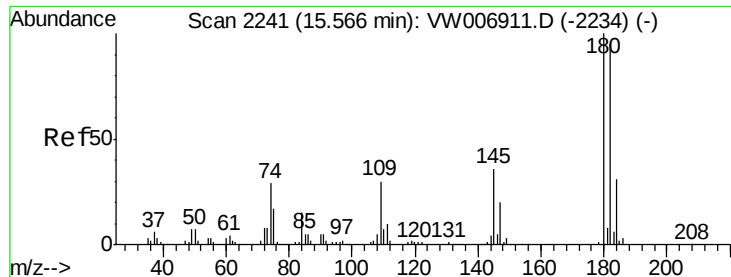
Tgt Ion: 75 Resp: 1619
 Ion Ratio Lower Upper
 75 100
 157 0.0 85.0 127.6#
 155 26.1 67.7 101.5#



#69
 Naphthalene
 Concen: 0.850 ug/L
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006920.D
 Acq: 16 Nov 2018 16:57

Tgt Ion: 128 Resp: 3440
 Ion Ratio Lower Upper
 128 100
 129 9.5 8.9 13.3
 127 0.0 10.6 15.8#





#70
 1,2,3-Trichlorobenzene
 Concen: 1.513 ug/L
 RT: 15.58 min Scan# 2244
 Delta R.T. 0.02 min
 Lab File: VW006920.D
 Acq: 16 Nov 2018 16:57

Instrument :
 MSVOA_W
 ClientSampleId :
 ET100

Tgt Ion:180 Resp: 2272
 Ion Ratio Lower Upper
 180 100
 182 4.4 75.8 113.6#
 145 680.9 28.8 43.2#

