

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072920\
 Data File : VW015994.D
 Acq On : 29 Jul 2020 17:26
 Operator : SY/VA
 Sample : L3492-03MS
 Misc : 4.12G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 D0AA0MS

Quant Time: Jul 30 03:50:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 30 03:30:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	502013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	456622	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	192517	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120412	17.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.00%
7) Chloroethane-d5	2.90	69	99764	17.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.36%
10) 1,1-Dichloroethene-d2	4.02	63	256405	17.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.60%
20) 2-Butanone-d5	7.08	46	61357	32.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.94%
24) Chloroform-d	7.65	84	251869	17.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	71.44%
26) 1,2-Dichloroethane-d4	8.31	65	132038	17.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.24%#
29) Benzene-d6	8.28	84	514103	18.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.00%
33) 1,2-Dichloropropane-d6	9.28	67	156402	18.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.08%
37) Toluene-d8	10.33	98	451747	17.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.76%
38) trans-1,3-Dichloropropene-	10.58	79	59288	16.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.76%
39) 2-Hexanone-d5	10.93	63	45718	32.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	110187	17.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	68.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	144246	19.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.88%

Target Compounds

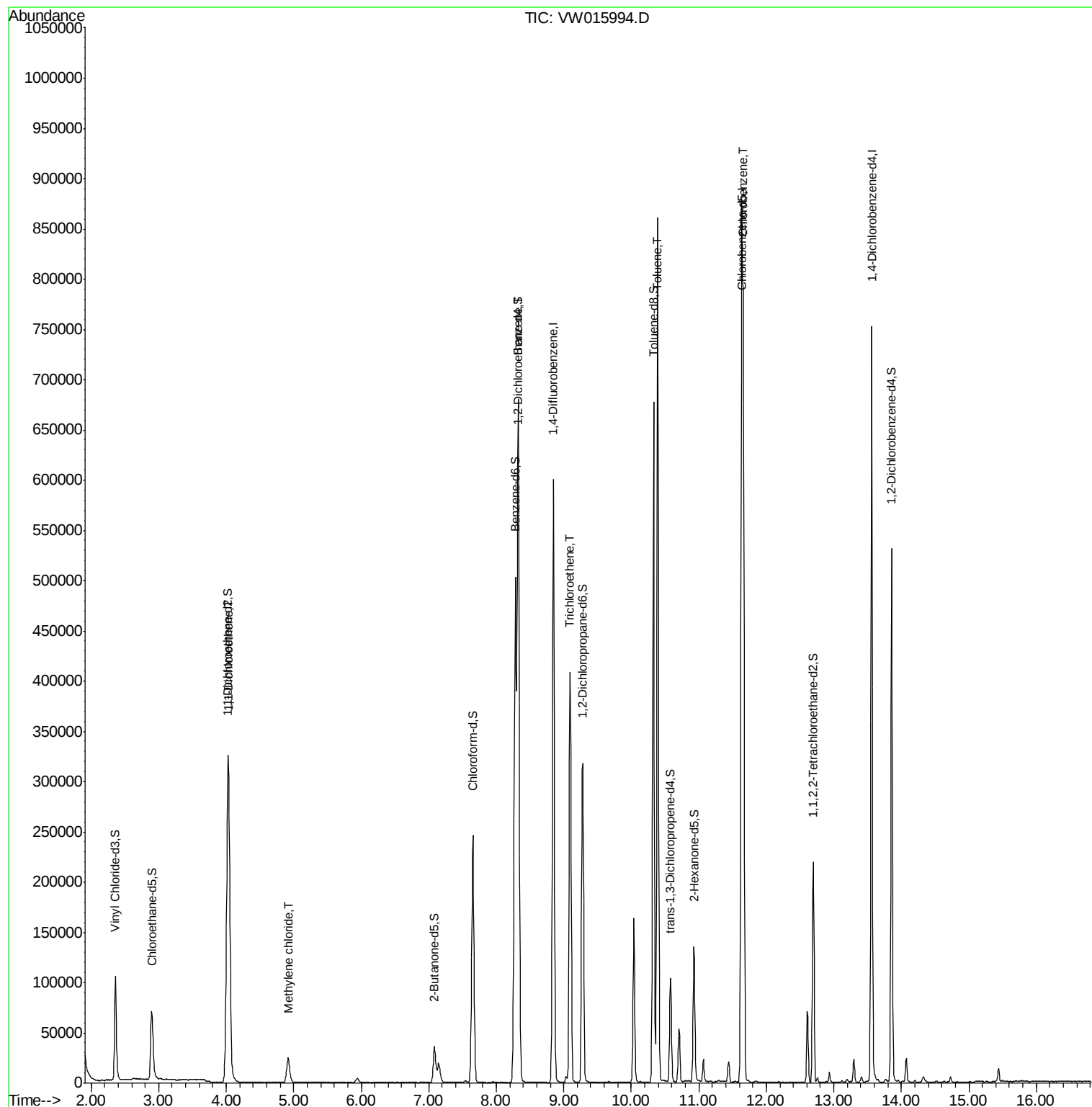
					Ovalue
12) 1,1-Dichloroethene	4.04	96	128589	19.926	ug/L 97
16) Methylene chloride	4.92	84	19329	2.350	ug/L 94
34) Benzene	8.33	78	588208	21.209	ug/L 100
35) Trichloroethene	9.09	95	150208	20.474	ug/L 98
44) Toluene	10.39	91	622115	21.388	ug/L 100
52) Chlorobenzene	11.66	112	386046	20.712	ug/L 99

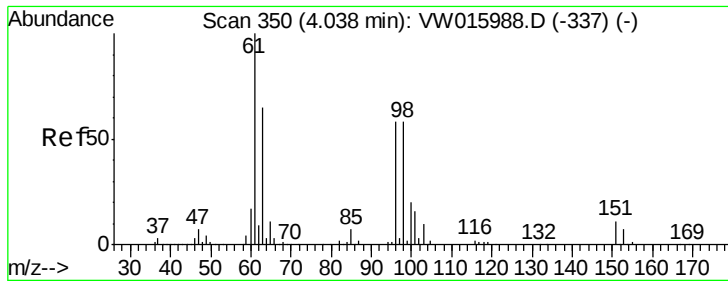
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 30 03:30:55 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 19.926 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW015994.D

Acq: 29 Jul 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

D0AA0MS

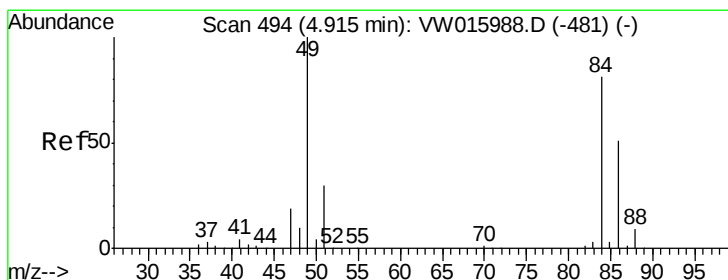
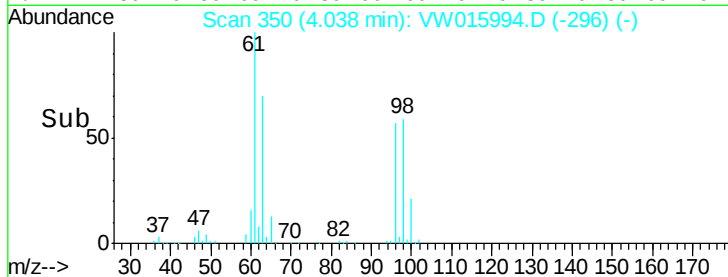
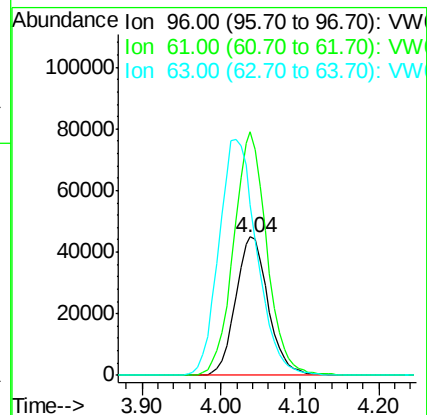
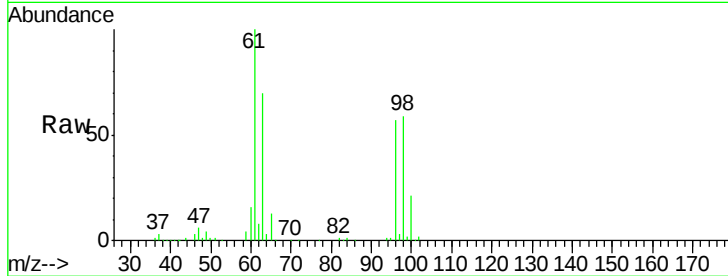
Tot Ion: 96 Resp: 128589

Ion Ratio Lower Upper

96 100

61 176.4 125.0 232.2

63 123.6 82.3 152.8



#16

Methylene chloride

Concen: 2.350 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015994.D

Acq: 29 Jul 2020 17:26

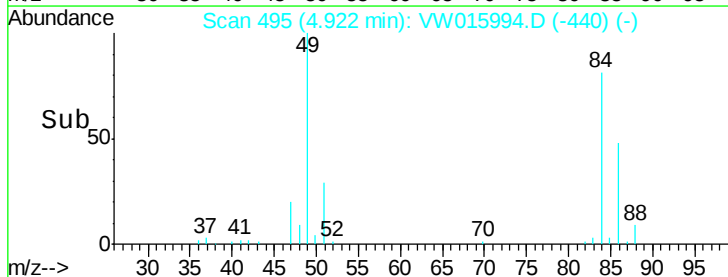
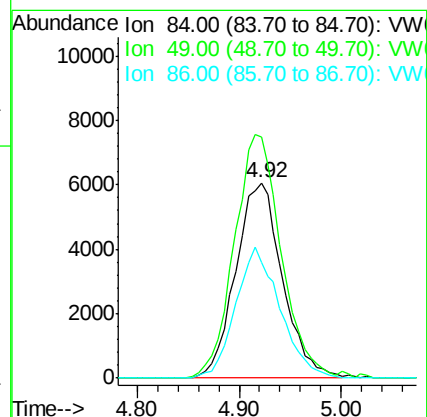
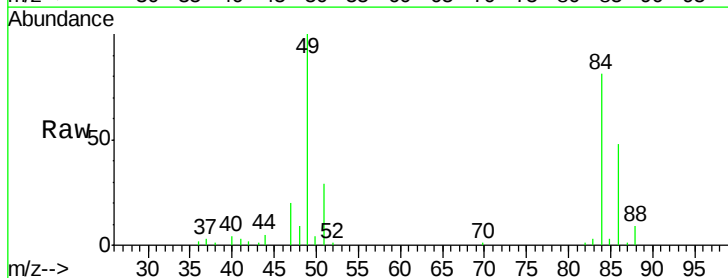
Tgt Ion: 84 Resp: 19329

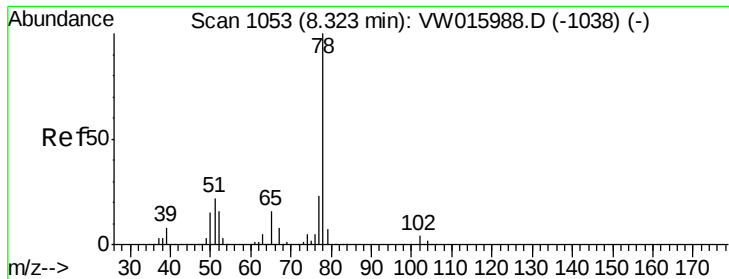
Ion Ratio Lower Upper

84 100

49 123.4 91.1 169.1

86 59.3 46.0 85.4





#34

Benzene

Concen: 21.209 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW015994.D

Acq: 29 Jul 2020 17:26

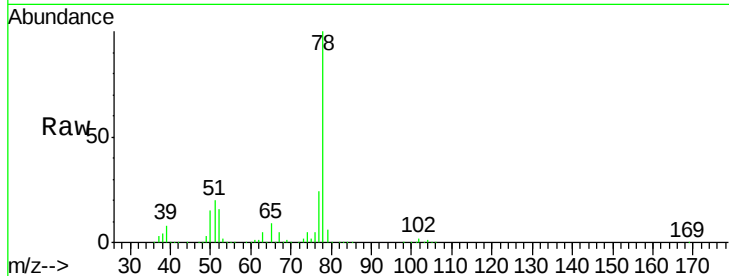
Instrument :

MSVOA_W

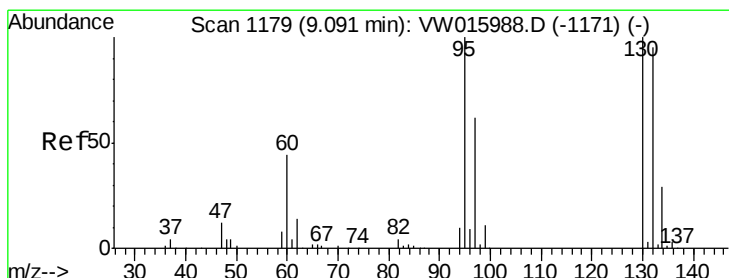
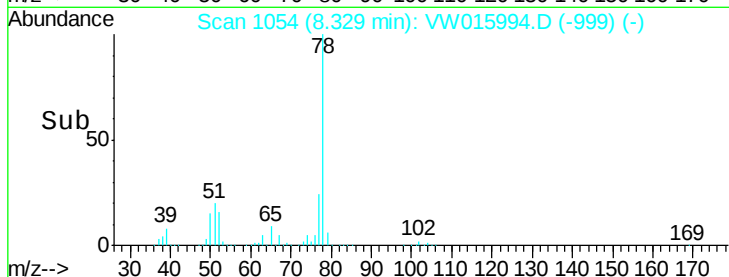
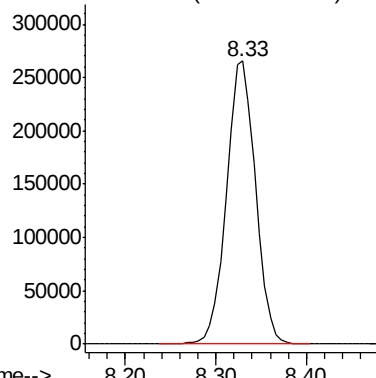
ClientSampleId :

D0AA0MS

Tgt Ion: 78 Resp: 588208



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 20.474 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015994.D

Acq: 29 Jul 2020 17:26

Tgt Ion: 95 Resp: 150208

Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	95.9	65.1	120.9
130	98.8	68.6	127.4

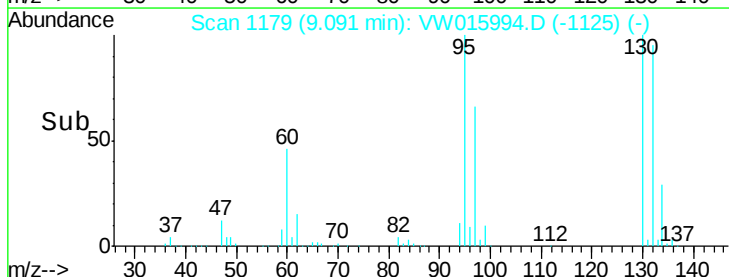
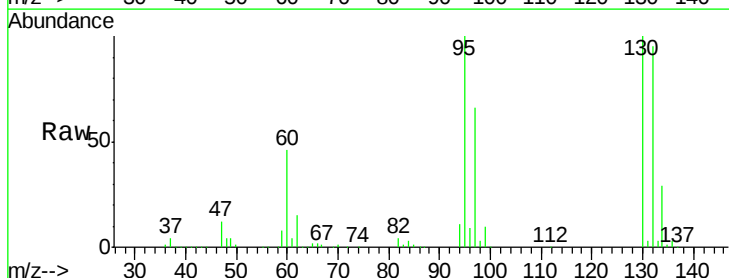
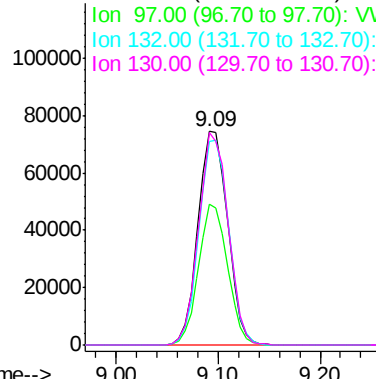
Ion 95.00 (94.70 to 95.70): VW

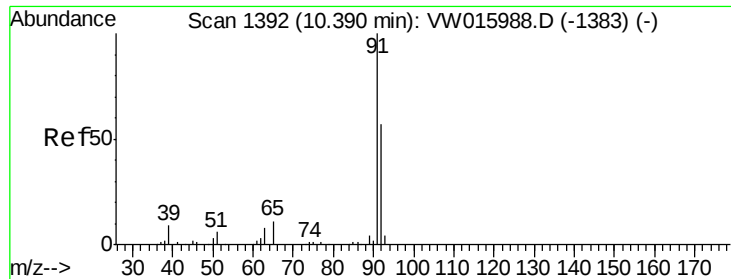
Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW

Abundance Ion 95.00 (94.70 to 95.70): VW





#44

Toluene

Concen: 21.388 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015994.D

Acq: 29 Jul 2020 17:26

Instrument :

MSVOA_W

ClientSampleId :

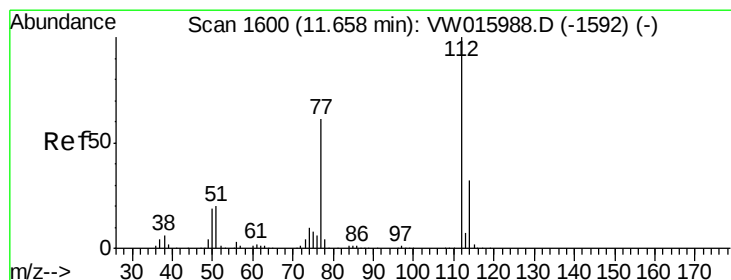
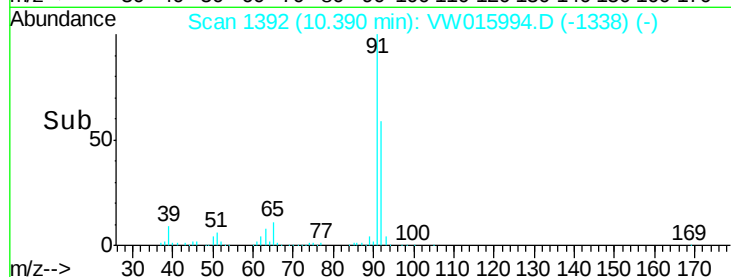
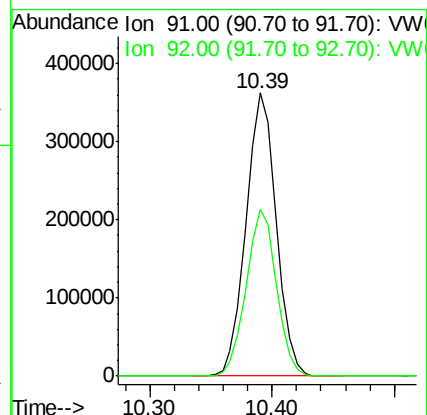
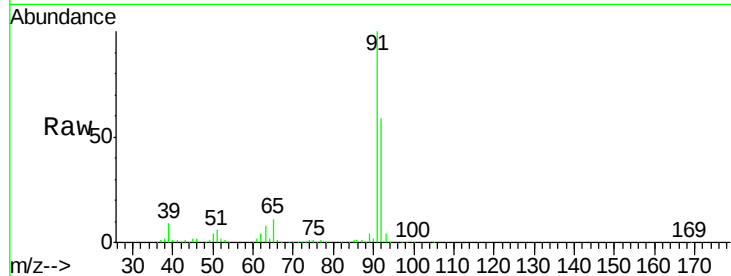
D0AA0MS

Tot Ion: 91 Resp: 622115

Ion Ratio Lower Upper

91 100

92 59.1 41.2 76.4



#52

Chlorobenzene

Concen: 20.712 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW015994.D

Acq: 29 Jul 2020 17:26

Tgt Ion: 112 Resp: 386046

Ion Ratio Lower Upper

112 100

77 60.5 47.8 71.6

114 32.5 22.1 41.1

