

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006884.D
 Acq On : 14 Nov 2018 23:27
 Operator : SY/AP
 Sample : J5944-02MS
 Misc : 4.96G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETHS2MS

Quant Time: Nov 15 10:35:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 15 03:38:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	183079	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	173679	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	74419	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38993	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
7) Chloroethane-d5	2.89	69	29522	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.00%
10) 1,1-Dichloroethene-d2	4.03	63	100587	23.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.68%
20) 2-Butanone-d5	7.09	46	28434	31.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.48%
24) Chloroform-d	7.65	84	92583	22.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	8.31	65	55303	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.72%
29) Benzene-d6	8.27	84	207298	22.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.32%
33) 1,2-Dichloropropane-d6	9.28	67	62439	22.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.88%
37) Toluene-d8	10.33	98	212154	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.24%
38) trans-1,3-Dichloropropene-	10.58	79	26030	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.20%
39) 2-Hexanone-d5	10.93	63	22775	32.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	46762	19.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	65343	23.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.76%

Target Compounds

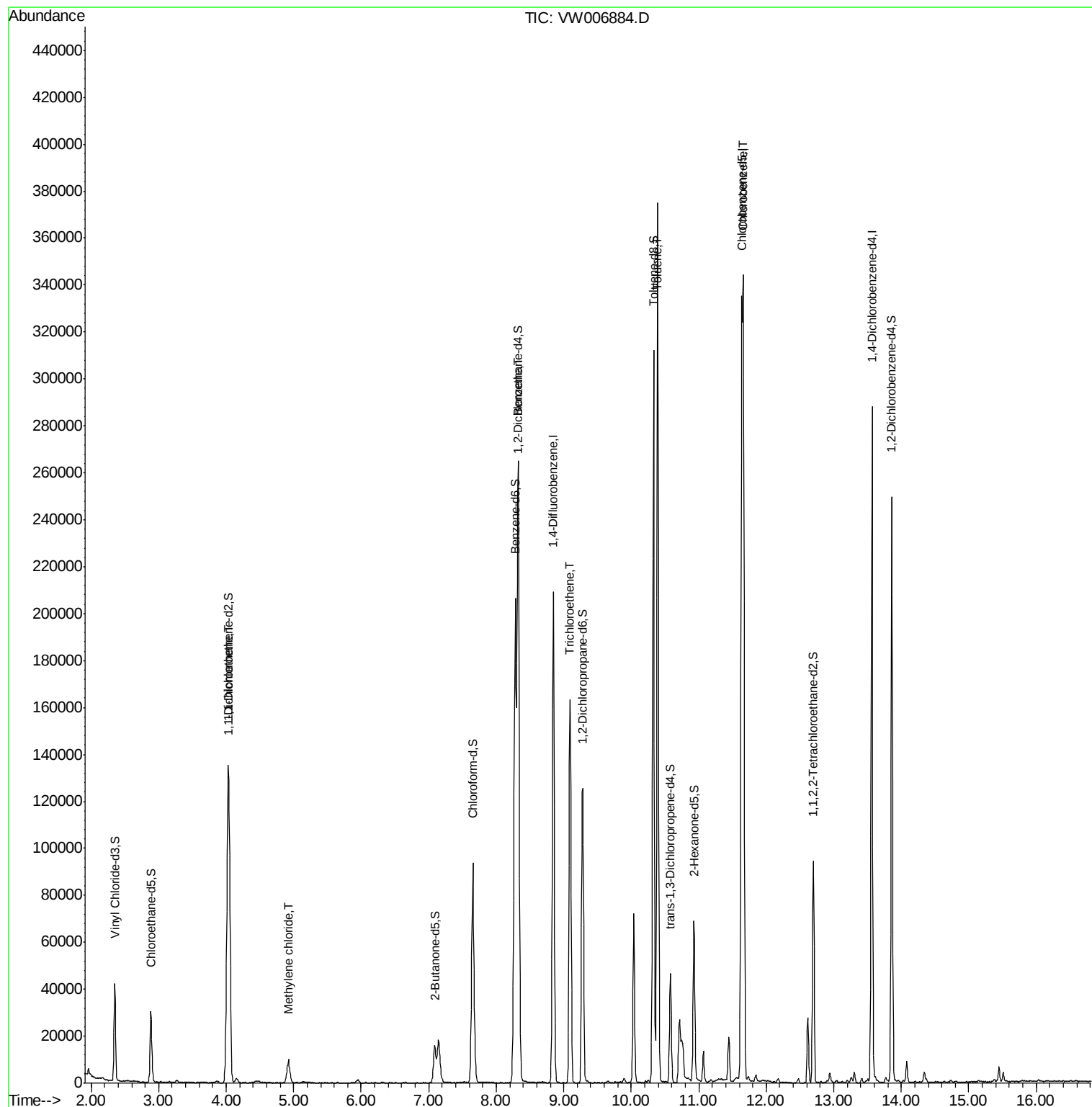
					Ovalue
12) 1,1-Dichloroethene	4.04	96	49776	23.799	ug/L 98
16) Methylene chloride	4.92	84	7304	2.282	ug/L 88
34) Benzene	8.33	78	235216	24.217	ug/L 100
35) Trichloroethene	9.10	95	60348	22.811	ug/L 99
44) Toluene	10.39	91	278669	25.057	ug/L 98
52) Chlorobenzene	11.66	112	172942	24.724	ug/L 99

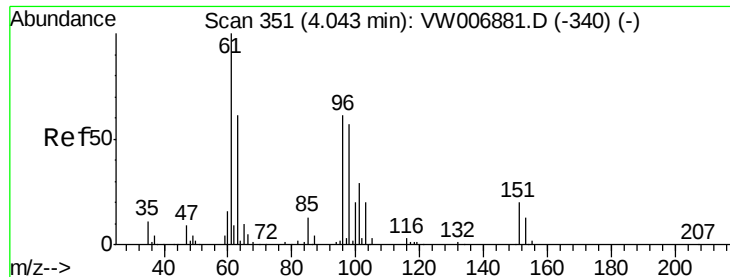
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 23.799 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW006884.D

Acq: 14 Nov 2018 23:27

Instrument :

MSVOA_W

ClientSampleId :

ETHS2MS

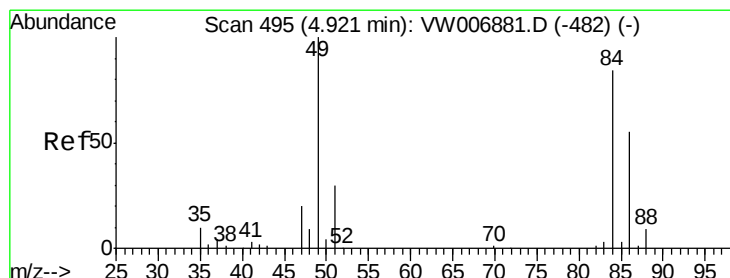
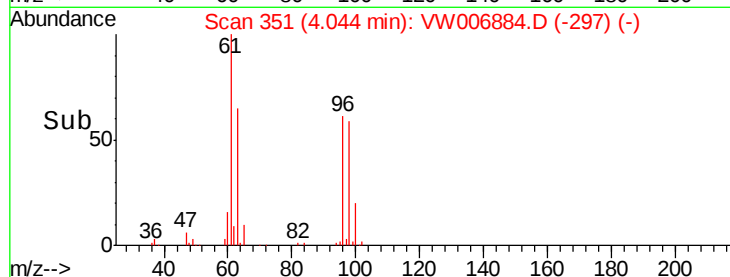
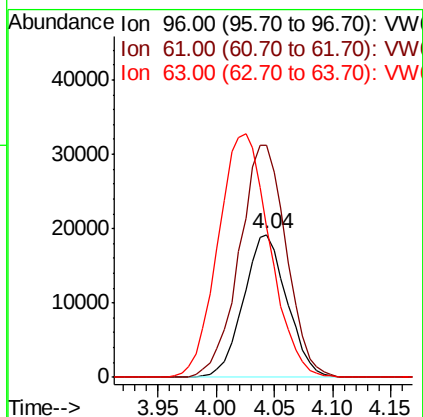
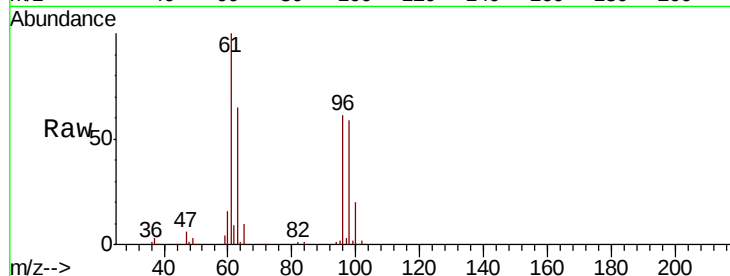
Tot Ion: 96 Resp: 49776

Ion Ratio Lower Upper

96 100

61 162.6 116.3 215.9

63 105.3 73.4 136.4



#16

Methylene chloride

Concen: 2.282 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW006884.D

Acq: 14 Nov 2018 23:27

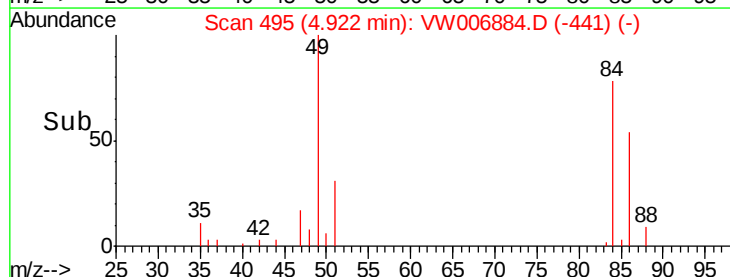
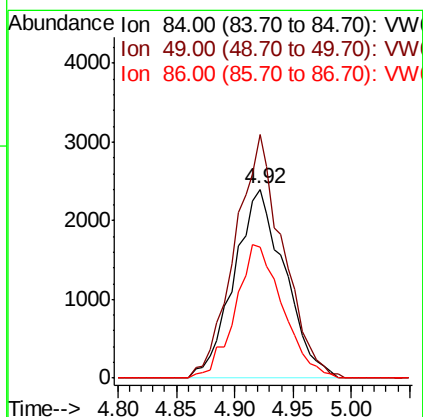
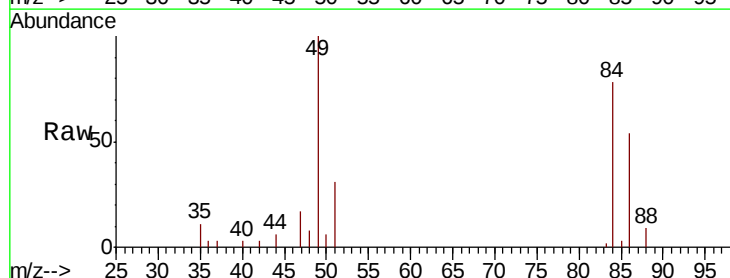
Tgt Ion: 84 Resp: 7304

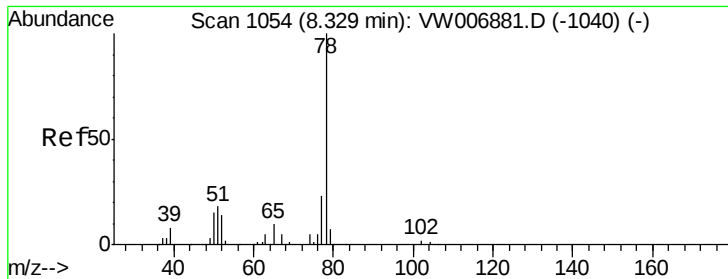
Ion Ratio Lower Upper

84 100

49 128.7 79.3 147.3

86 69.1 43.5 80.9





#34

Benzene

Concen: 24.217 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW006884.D

Acq: 14 Nov 2018 23:27

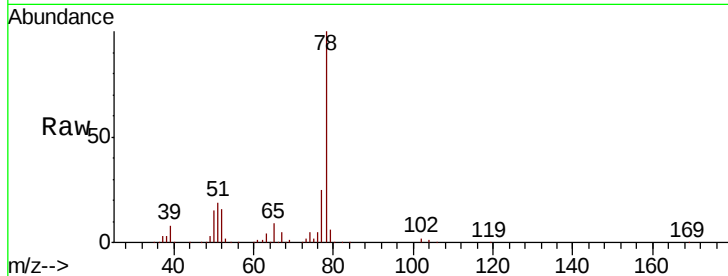
Instrument :

MSVOA_W

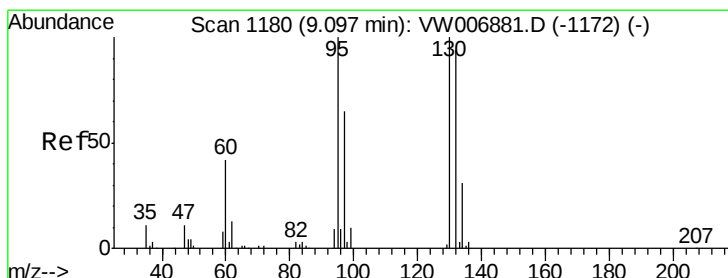
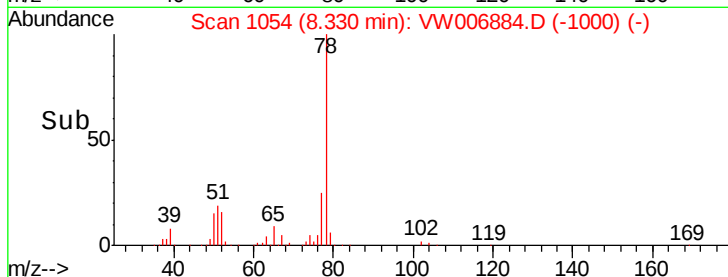
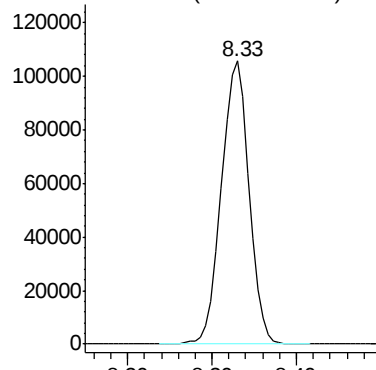
ClientSampleId :

ETHS2MS

Tgt Ion: 78 Resp: 235216



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.811 ug/L

RT: 9.10 min Scan# 1180

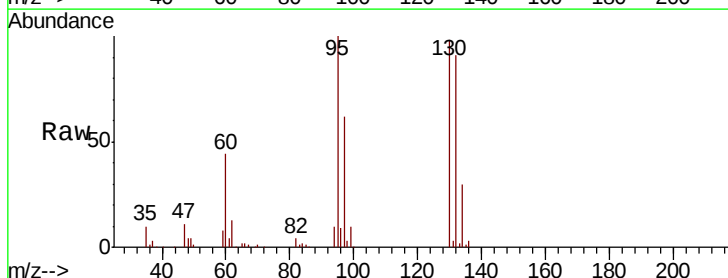
Delta R.T. 0.00 min

Lab File: VW006884.D

Acq: 14 Nov 2018 23:27

Tgt Ion: 95 Resp: 60348

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.1	83.9
132	93.7	65.7	121.9
130	99.3	68.7	127.7

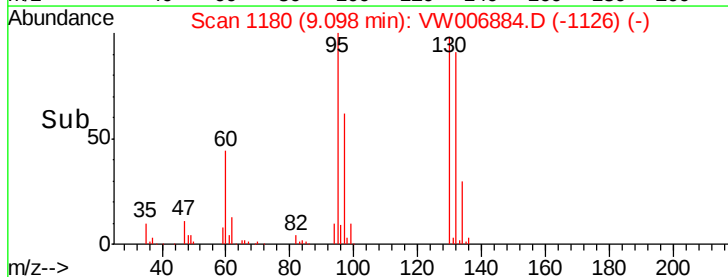
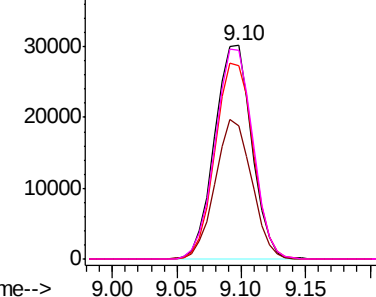


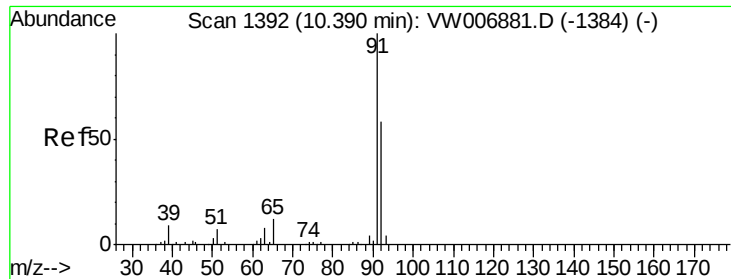
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 25.057 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006884.D

Acq: 14 Nov 2018 23:27

Instrument :

MSVOA_W

ClientSampleId :

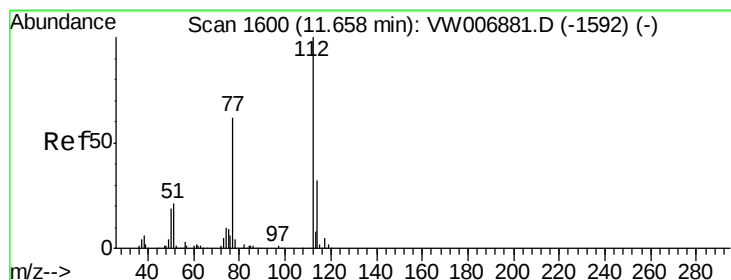
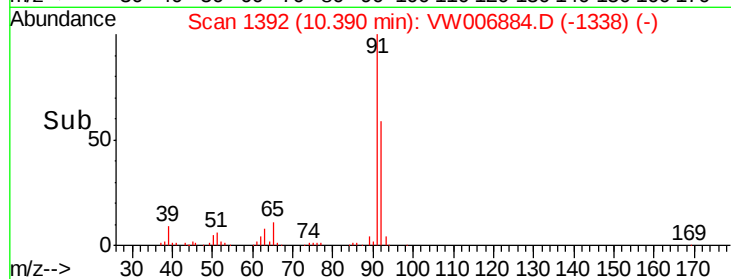
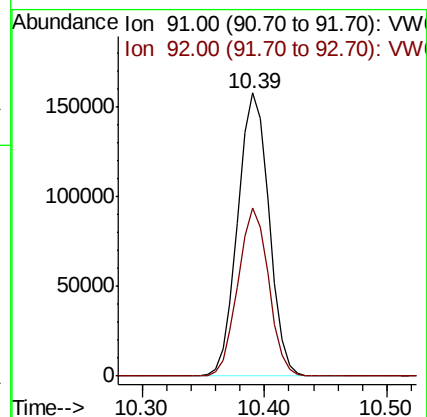
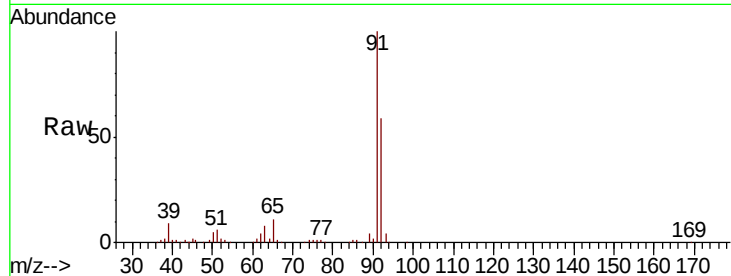
ETHS2MS

Tot Ion: 91 Resp: 278669

Ion Ratio Lower Upper

91 100

92 59.5 40.5 75.3



#52

Chlorobenzene

Concen: 24.724 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW006884.D

Acq: 14 Nov 2018 23:27

Tgt Ion: 112 Resp: 172942

Ion Ratio Lower Upper

112 100

77 60.6 47.8 71.8

114 31.9 22.3 41.5

