

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018634.D
 Acq On : 28 Sep 2020 22:57
 Operator : JC/SP
 Sample : L4135-14
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG486

Quant Time: Sep 29 05:45:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 02:30:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	313626	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	292589	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	143246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77781	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.70	69	61789	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.34	63	128005	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.55	46	211016	50.42	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.84%
24) Chloroform-d	5.14	84	173074	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	6.03	65	94886	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	6.05	84	325882	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	7.37	67	101648	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	8.70	98	307886	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
45) trans-1,3-Dichloropropene-	8.99	79	41944	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	9.43	63	173409	52.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.82%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	74078	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	111393	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

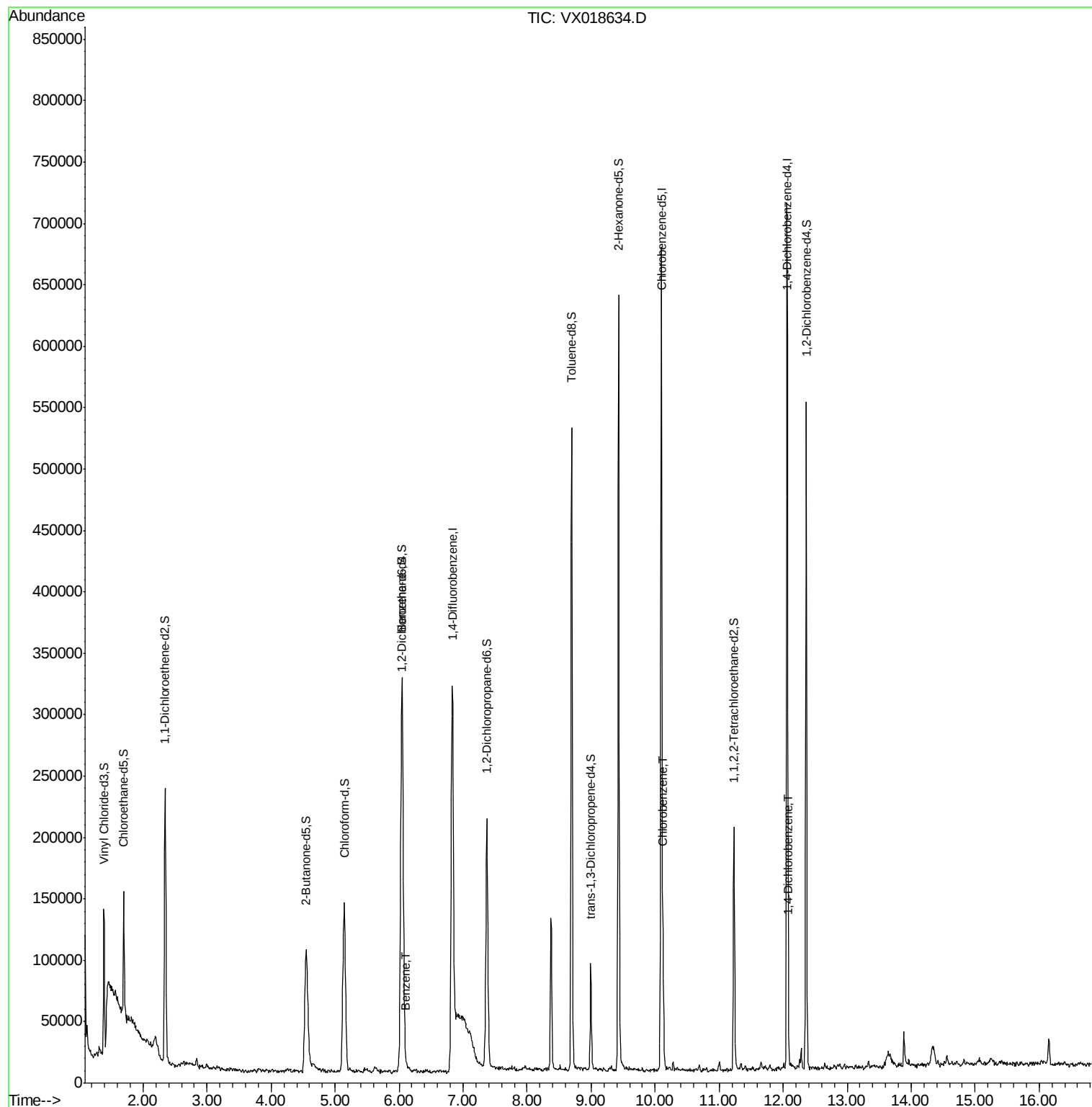
Target Compounds					Ovalue
33) Benzene	6.10	78	5112	0.091 ug/L	100
53) Chlorobenzene	10.12	112	44187	1.098 ug/L	96
64) 1,4-Dichlorobenzene	12.09	146	3321	0.106 ug/L	96

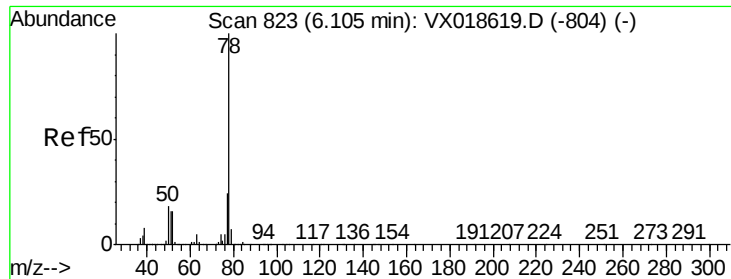
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#33

Benzene

Concen: 0.091 ug/L

RT: 6.10 min Scan# 823

Delta R.T. 0.00 min

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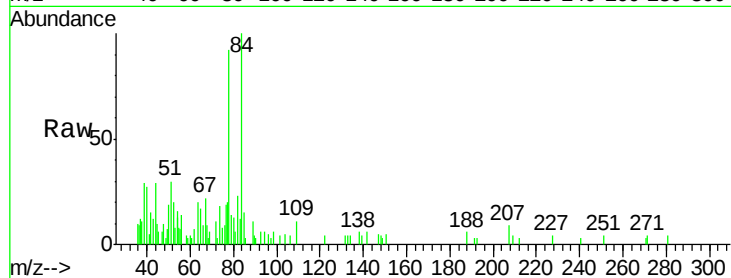
Instrument :

MSVOA_X

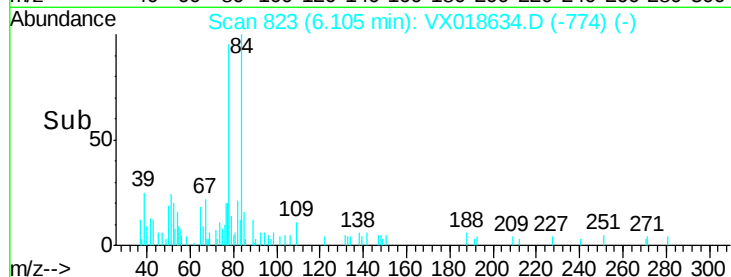
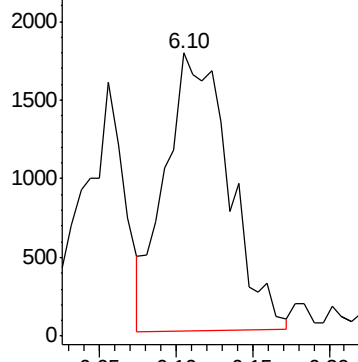
ClientSampled :

BG486

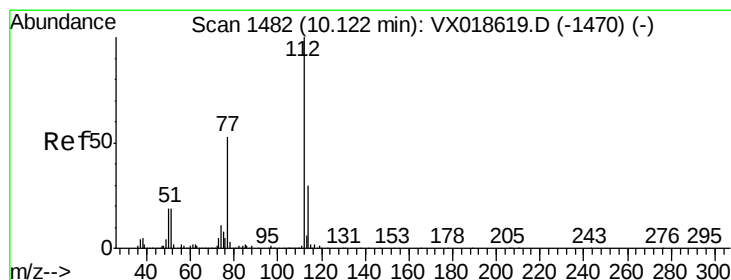
Tgt Ion: 78 Resp: 5112



Abundance Ion 78.10 (77.80 to 78.80): VX0



Time-->



#53

Chlorobenzene

Concen: 1.098 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

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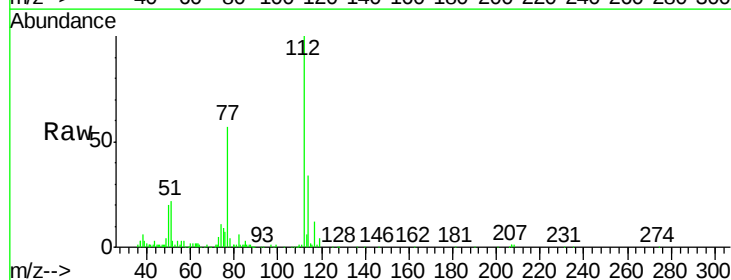
Tgt Ion: 112 Resp: 44187

Ion Ratio Lower Upper

112 100

114 34.4 20.6 38.4

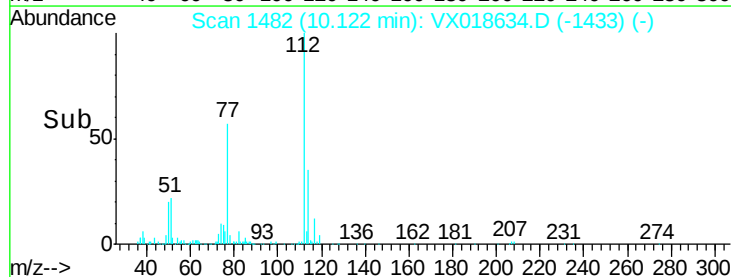
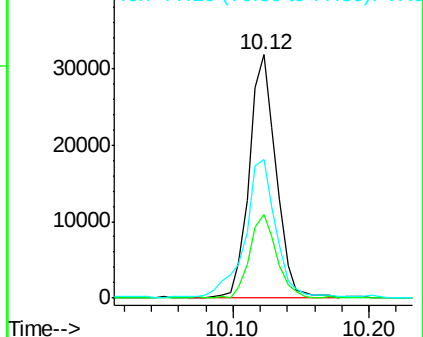
77 57.2 46.6 69.8



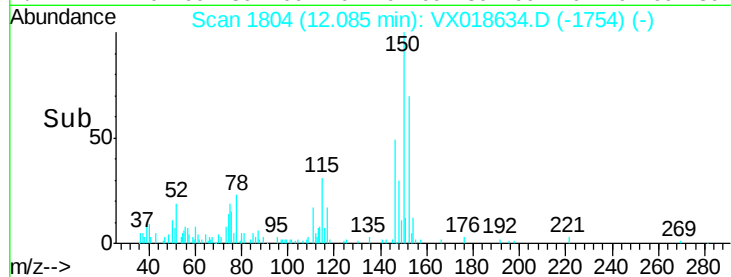
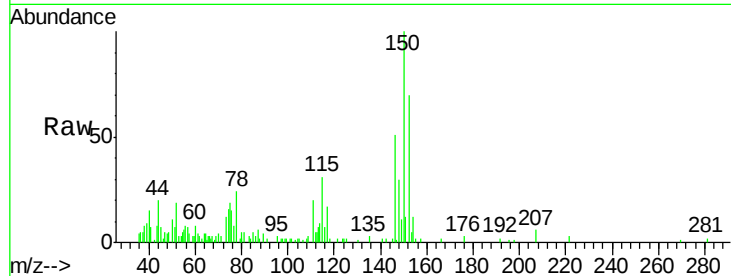
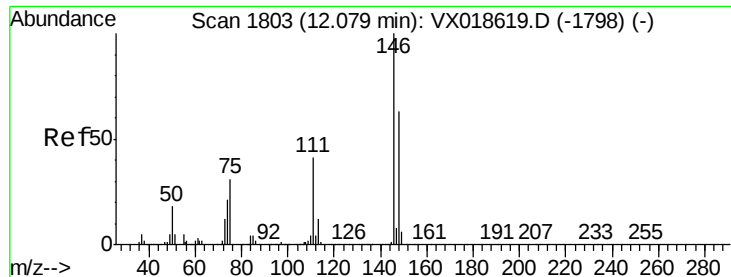
Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0



Time-->



#64

1,4-Dichlorobenzene

Concen: 0.106 ug/L

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

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Tot Ion:146 Resp: 3321

Ion Ratio Lower Upper

146 100

111 40.2 28.8 53.4

148 60.2 44.9 83.3

Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

