

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO081020\
 Data File : VX017846.D
 Acq On : 10 Aug 2020 13:34
 Operator : JC/SP
 Sample : L3675-03
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY85

Quant Time: Aug 11 07:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 11 07:12:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	318874	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	309763	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	144414	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	87191	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.70	69	81089	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.34	63	127425	2.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.20%#
20) 2-Butanone-d5	4.54	46	281143	48.04	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.08%
24) Chloroform-d	5.14	84	191274	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	6.03	65	116436	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	6.05	84	347797	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	7.37	67	125350	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	8.70	98	293880	3.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.60%
45) trans-1,3-Dichloropropene-	8.99	79	49594	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
48) 2-Hexanone-d5	9.43	63	234654	49.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.18%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	95913	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	145567	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

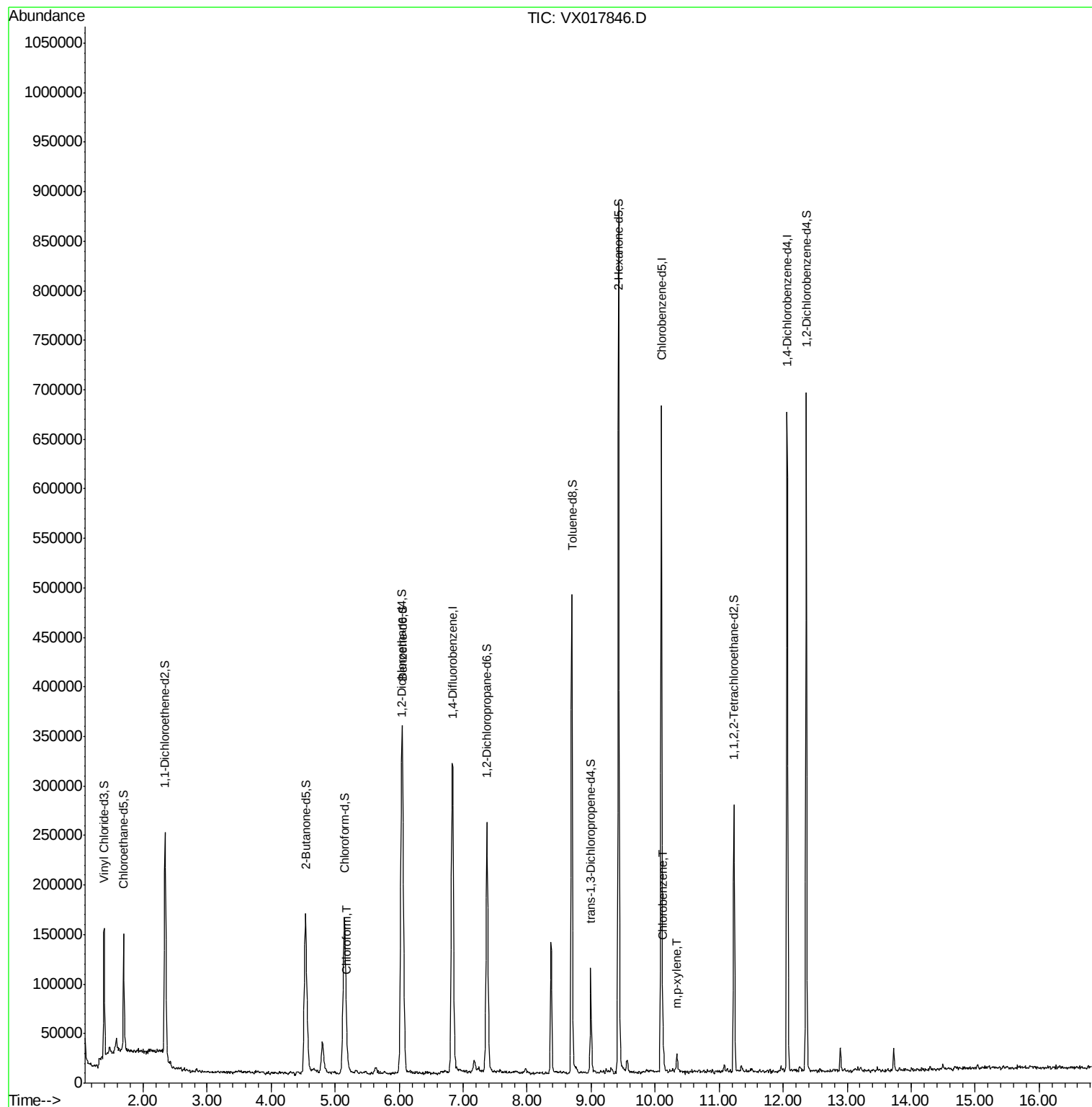
Target Compounds					Ovalue
25) Chloroform	5.18	83	22766	0.427 ug/L	97
53) Chlorobenzene	10.12	112	13061	0.169 ug/L	96
55) m,p-xylene	10.34	106	4556	0.092 ug/L	95

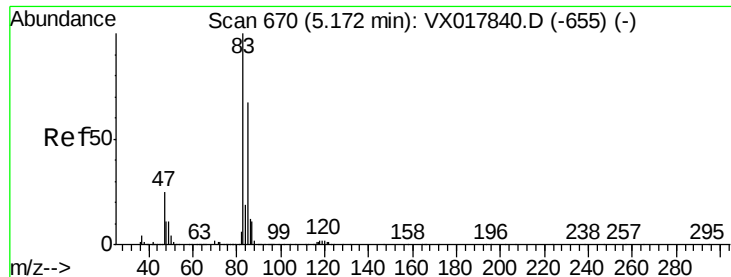
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.427 ug/L

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

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Instrument :

MSVOA_X

ClientSampleId :

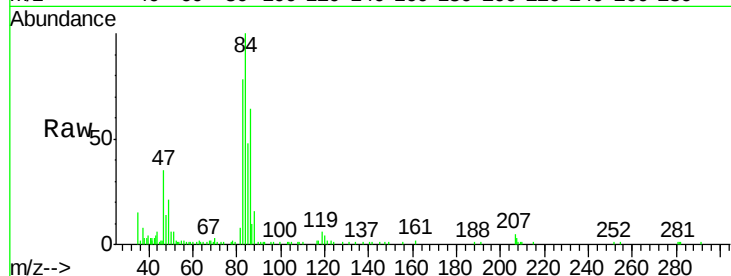
GAY85

Tot Ion: 83 Resp: 22766

Ion Ratio Lower Upper

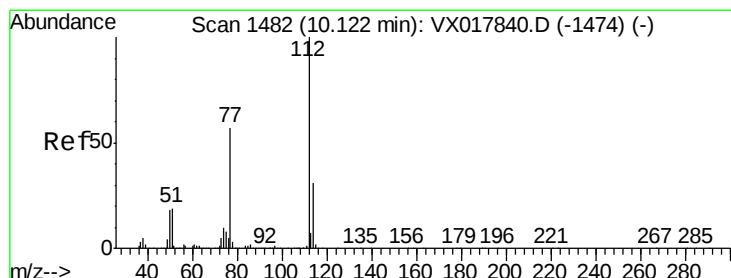
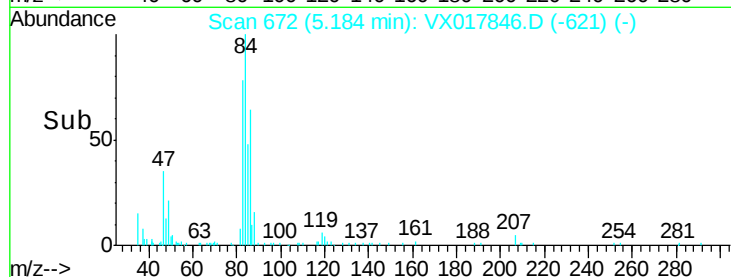
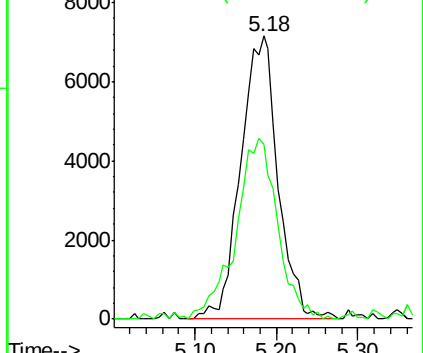
83 100

85 61.8 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#53

Chlorobenzene

Concen: 0.169 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

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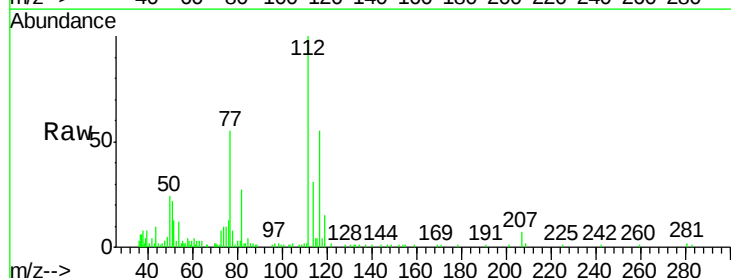
Tgt Ion: 112 Resp: 13061

Ion Ratio Lower Upper

112 100

114 31.3 23.5 43.7

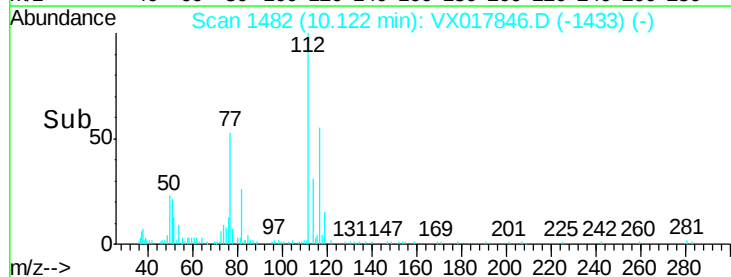
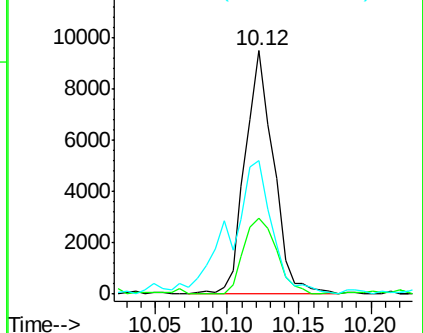
77 54.9 46.7 70.1

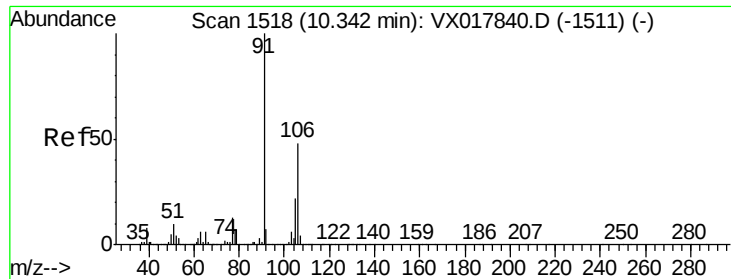


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#55
 m,p-xylene
 Concen: 0.092 ug/L
 RT: 10.34 min Scan# 1518
 Delta R.T. -0.00 min
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Tot Ion:106 Resp: 4556
 Ion Ratio Lower Upper
 106 100
 91 197.3 143.3 266.1

