

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081320\
 Data File : VX017883.D
 Acq On : 13 Aug 2020 18:50
 Operator : JC/SP
 Sample : L3643-14
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0C0

Quant Time: Aug 14 08:36:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 14 07:35:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	260044	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	260021	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	109222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	99579	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.69	69	77938	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.34	63	143260	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.54	46	252455	52.90	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.80%
24) Chloroform-d	5.14	84	175623	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	6.03	65	102744	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	6.05	84	338623	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	7.37	67	104331	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	8.70	98	288642	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
45) trans-1,3-Dichloropropene-	8.99	79	44289	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
48) 2-Hexanone-d5	9.43	63	194295	48.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.84%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	82268	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	110287	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

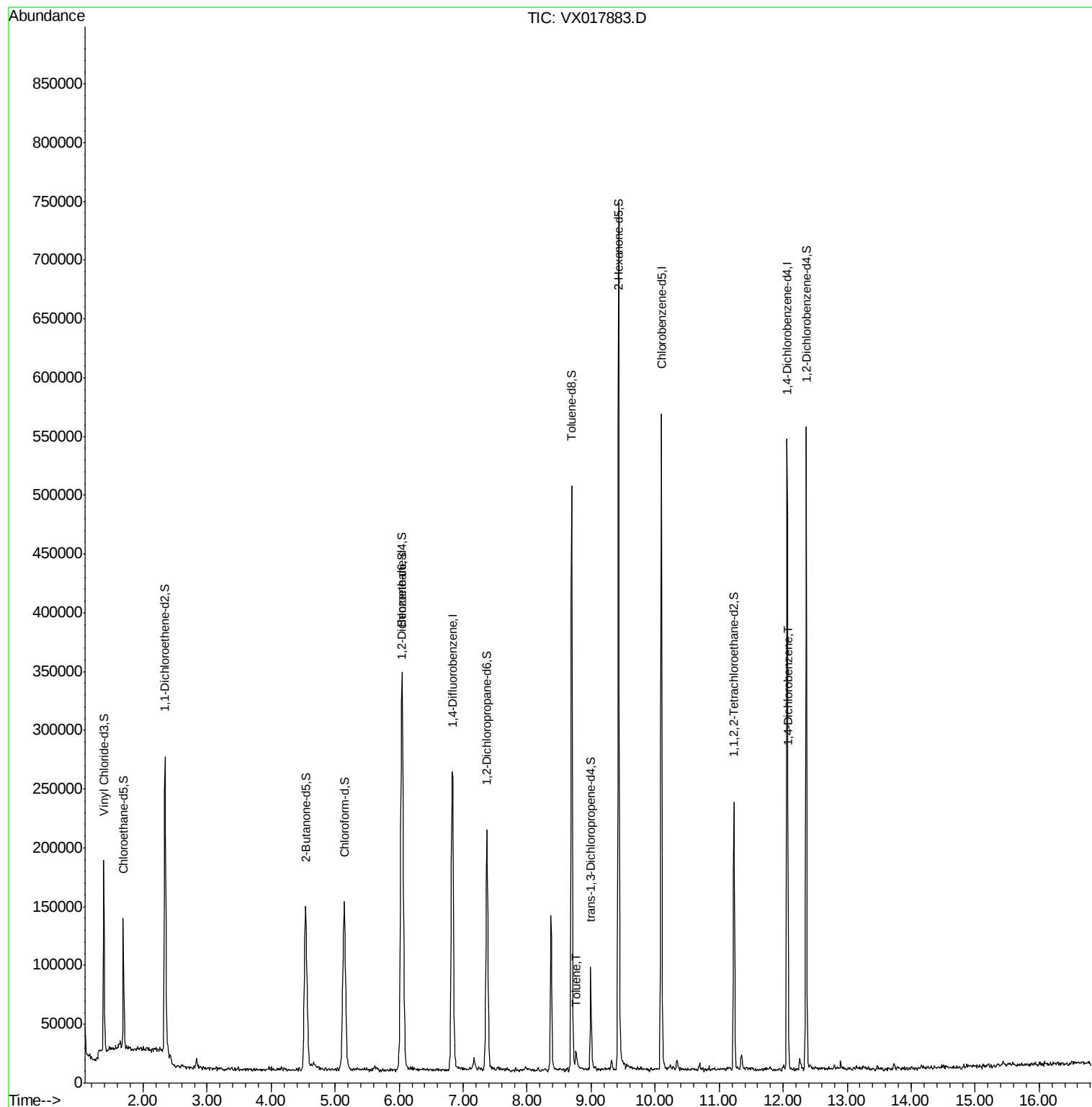
Target Compounds					Ovalue
42) Toluene	8.77	91	8135	0.081 ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	5231	0.124 ug/L	92

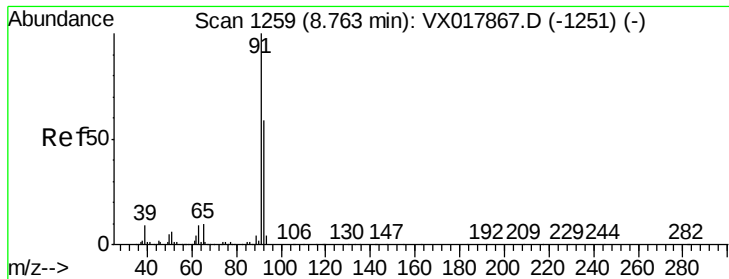
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

Toluene

Concen: 0.081 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

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Acq: 13 Aug 2020 18:50

Instrument :

MSVOA_X

ClientSampleId :

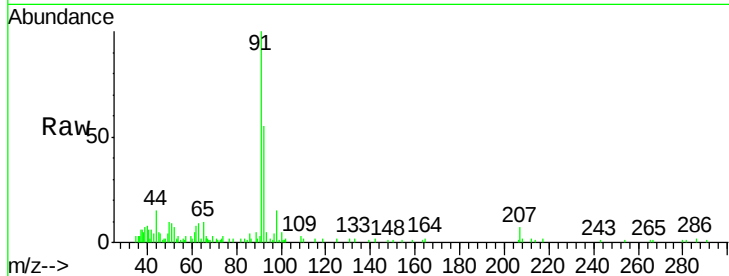
BG0C0

Tot Ion: 91 Resp: 8135

Ion Ratio Lower Upper

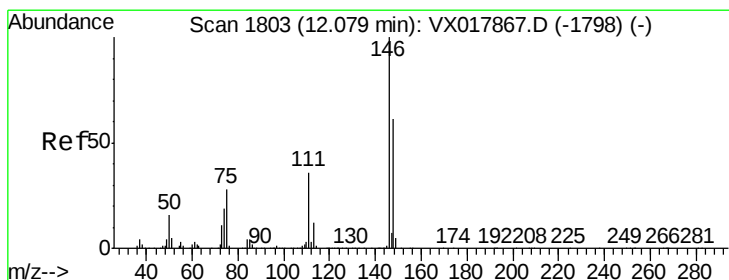
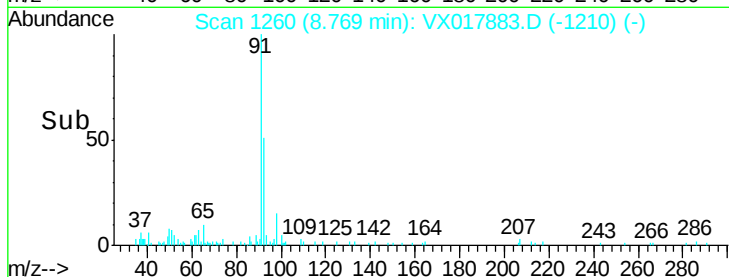
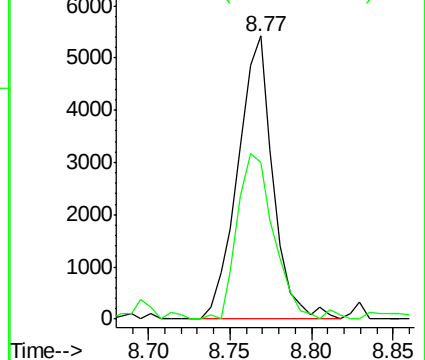
91 100

92 55.1 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#64

1,4-Dichlorobenzene

Concen: 0.124 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

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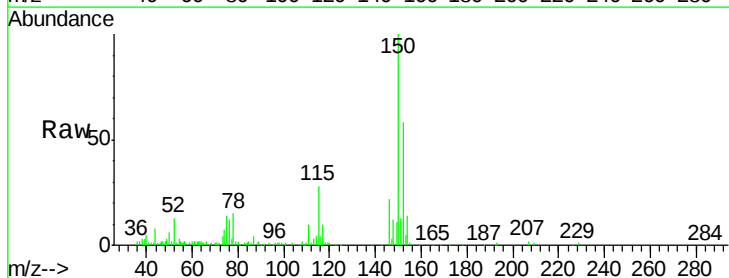
Tgt Ion: 146 Resp: 5231

Ion Ratio Lower Upper

146 100

111 43.1 26.0 48.2

148 56.7 43.2 80.2



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

