

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050718\
 Data File : VU023713.D
 Acq On : 07 May 2018 14:09
 Operator : MD/SY
 Sample : J2725-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 08 04:46:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 07 00:51:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	353638	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	340078	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	162761	50.00	ug/L	0.00

System Monitoring Compounds

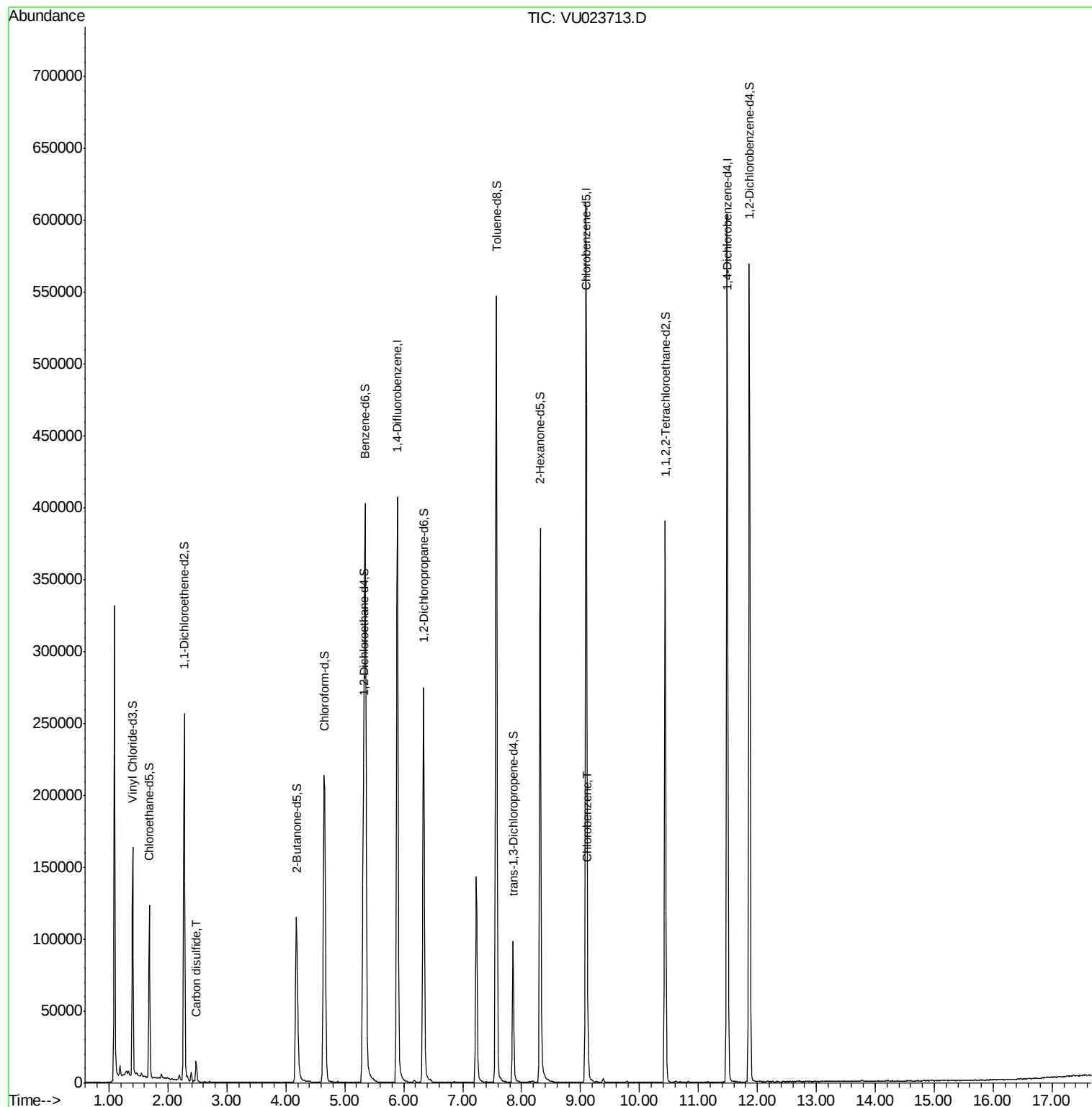
4) Vinyl Chloride-d3	1.40	65	101740	40.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.18%
7) Chloroethane-d5	1.68	69	84038	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.98%
11) 1,1-Dichloroethene-d2	2.27	63	148082	30.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.60%
21) 2-Butanone-d5	4.18	46	187209	108.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.11%
24) Chloroform-d	4.65	84	200710	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	5.31	65	133065	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
32) Benzene-d6	5.35	84	412689	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
36) 1,2-Dichloropropane-d6	6.34	67	142071	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.98%
41) Toluene-d8	7.57	98	368841	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%
43) trans-1,3-Dichloropropene-	7.85	79	57253	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.04%
47) 2-Hexanone-d5	8.31	63	134410	115.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.81%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	193201	48.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.74%
64) 1,2-Dichlorobenzene-d4	11.87	152	156375	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%

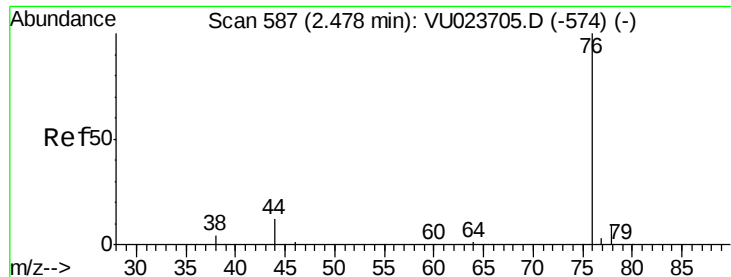
Target Compounds					Ovalue
14) Carbon disulfide	2.48	76	18494	2.08 ug/L	100
51) Chlorobenzene	9.12	112	12507	1.51 ug/L	99

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

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#14

Carbon disulfide

Concen: 2.08 ug/L

RT: 2.48 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU023713.D

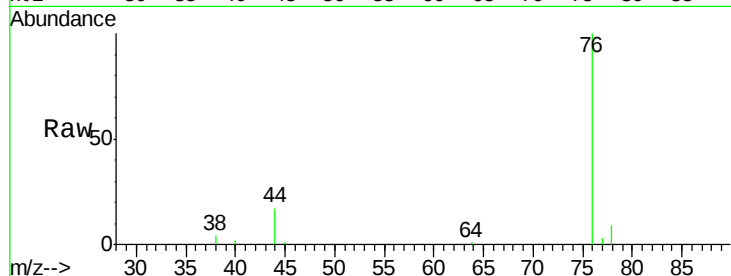
Acq: 07 May 2018 14:09

Tot Ion: 76 Resp: 18494

Ion Ratio Lower Upper

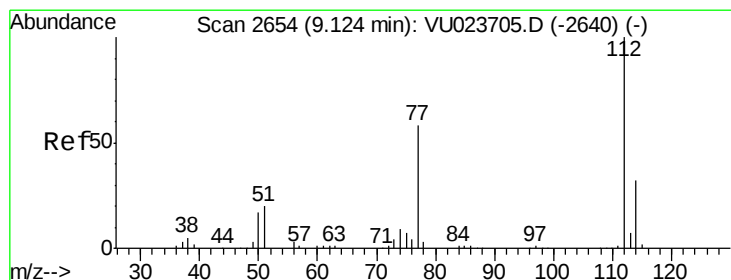
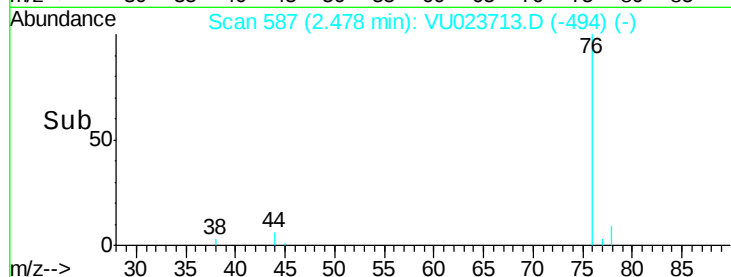
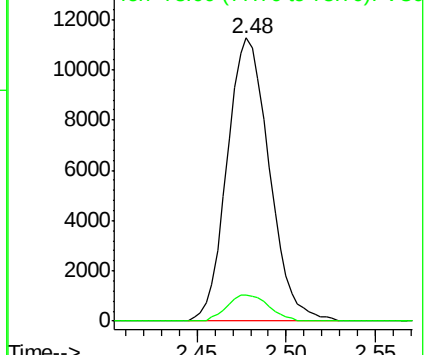
76 100

78 9.1 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VU023713.D (-574) (-)

Ion 78.00 (77.70 to 78.70): VU023713.D (-574) (-)



#51

Chlorobenzene

Concen: 1.51 ug/L

RT: 9.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VU023713.D

Acq: 07 May 2018 14:09

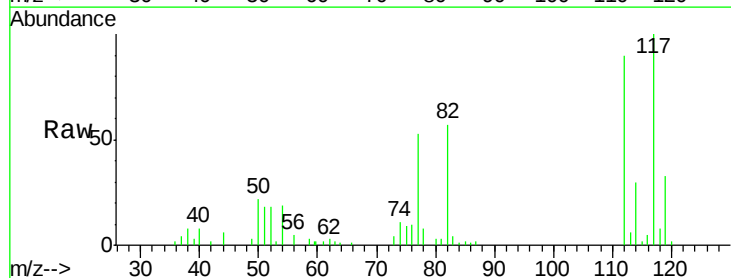
Tgt Ion: 112 Resp: 12507

Ion Ratio Lower Upper

112 100

114 33.2 22.7 42.3

77 59.1 47.5 71.3



Abundance Ion 112.00 (111.70 to 112.70): VU023713.D (-2640) (-)

Ion 114.00 (113.70 to 114.70): VU023713.D (-2640) (-)

Ion 77.00 (76.70 to 77.70): VU023713.D (-2640) (-)

