

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016170.D
 Acq On : 22 May 2020 15:09
 Operator : SY/MD
 Sample : L2731-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AX7

Quant Time: May 25 01:05:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	126966	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121713	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	56137	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41757	6.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.20%
7) Chloroethane-d5	1.58	69	36796	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.80%
11) 1,1-Dichloroethene-d2	2.12	63	66944	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	3.97	46	67605	34.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.82%
24) Chloroform-d	4.38	84	79208	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.06	65	39723	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.08	84	154829	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.10	67	46669	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.34	98	141076	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
45) trans-1,3-Dichloropropene-	7.65	79	14686	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
48) 2-Hexanone-d5	8.12	63	54488	35.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.50%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26730	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	47696	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

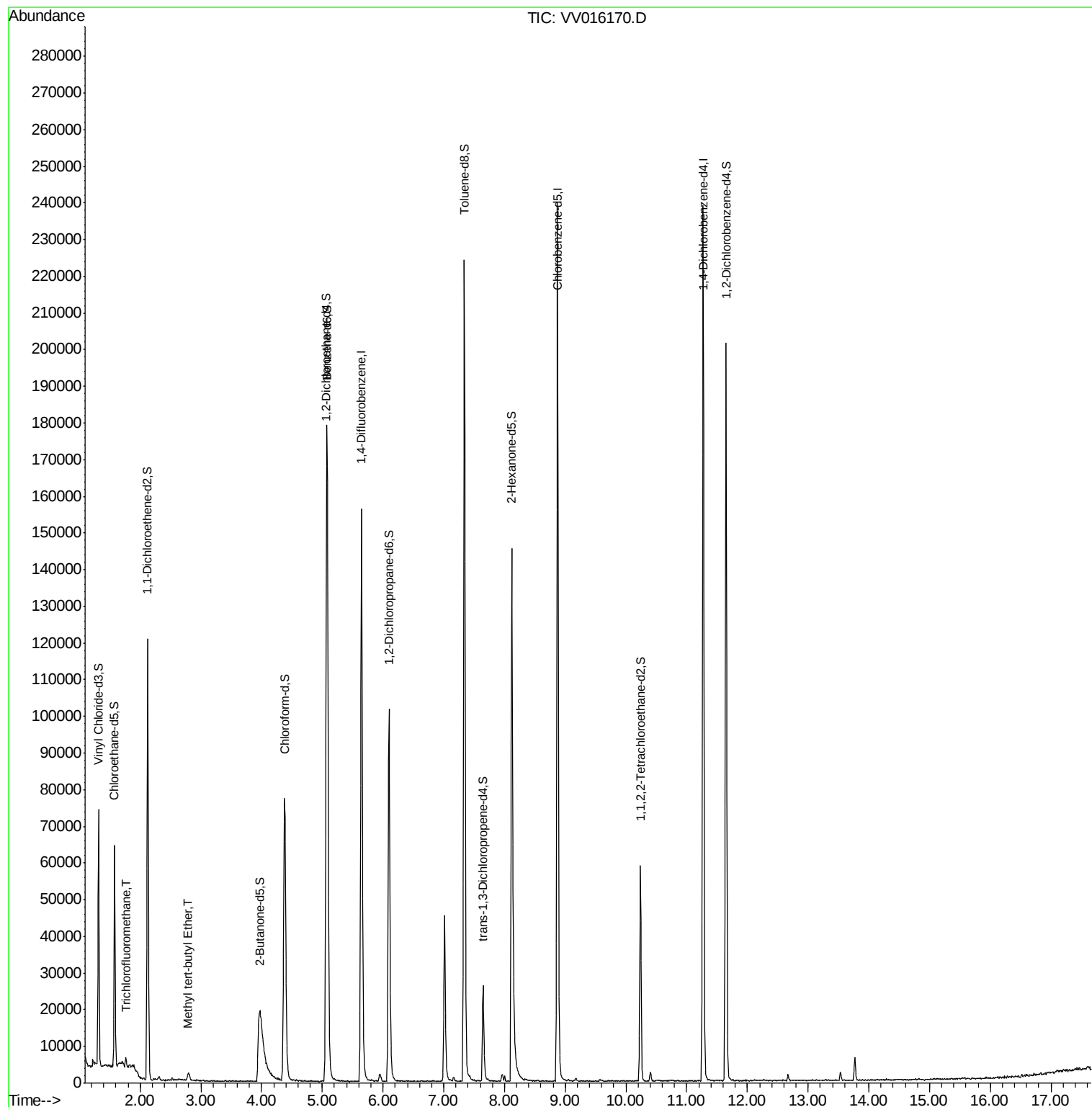
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.77	101	1384	0.107 ug/L	88
17) Methyl tert-butyl Ether	2.79	73	2064	0.114 ug/L #	74

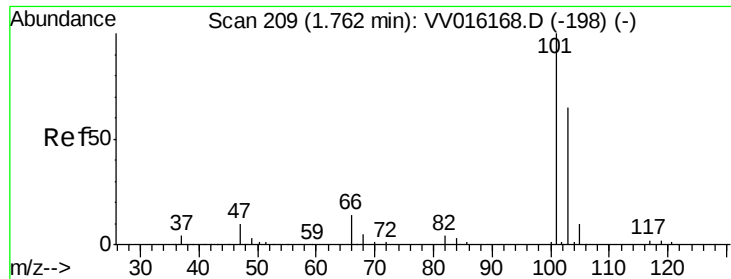
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.107 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampled :

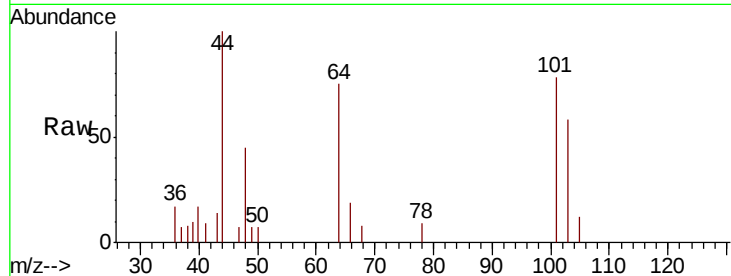
C0AX7

Tot Ion:101 Resp: 1384

Ion Ratio Lower Upper

101 100

103 73.7 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.77

1200

1000

800

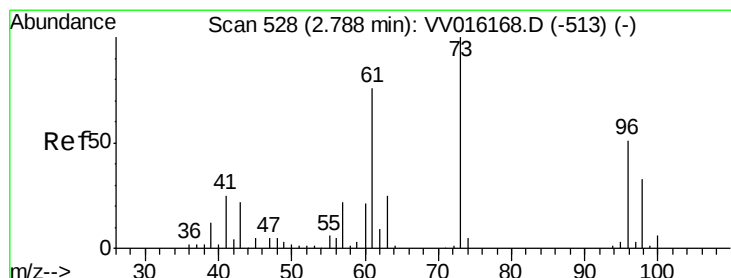
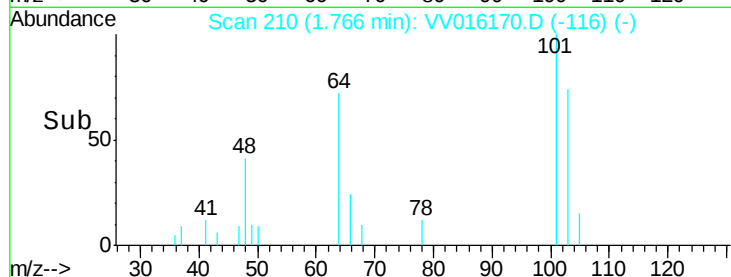
600

400

200

0

Time--> 1.72 1.74 1.76 1.78 1.80



#17

Methyl tert-butyl Ether

Concen: 0.114 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

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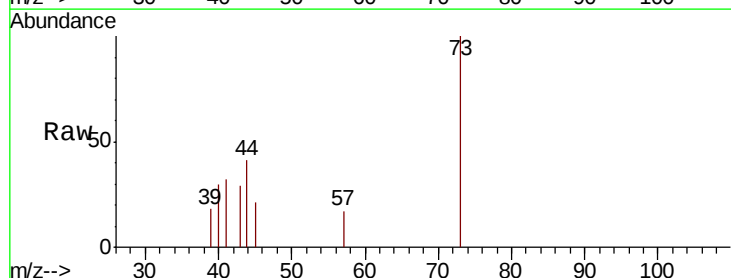
Tgt Ion: 73 Resp: 2064

Ion Ratio Lower Upper

73 100

43 44.2 18.8 28.2#

57 18.1 17.8 26.6



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

1200

1000

800

600

400

200

0

Time--> 2.75 2.80 2.85

