

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016046.D
 Acq On : 13 May 2020 17:15
 Operator : SY/MD
 Sample : L2542-14DL 40X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4217DL

Quant Time: May 14 05:06:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150119	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148014	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68325	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45287	5.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	1.58	69	41694	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.13	63	66216	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.95	46	113831	49.00	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.00%
24) Chloroform-d	4.38	84	91247	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.06	65	51069	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.08	84	178194	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.10	67	54484	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.34	98	156792	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
45) trans-1,3-Dichloropropene-	7.65	79	18785	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
48) 2-Hexanone-d5	8.12	63	89867	48.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.96%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38229	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	55899	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

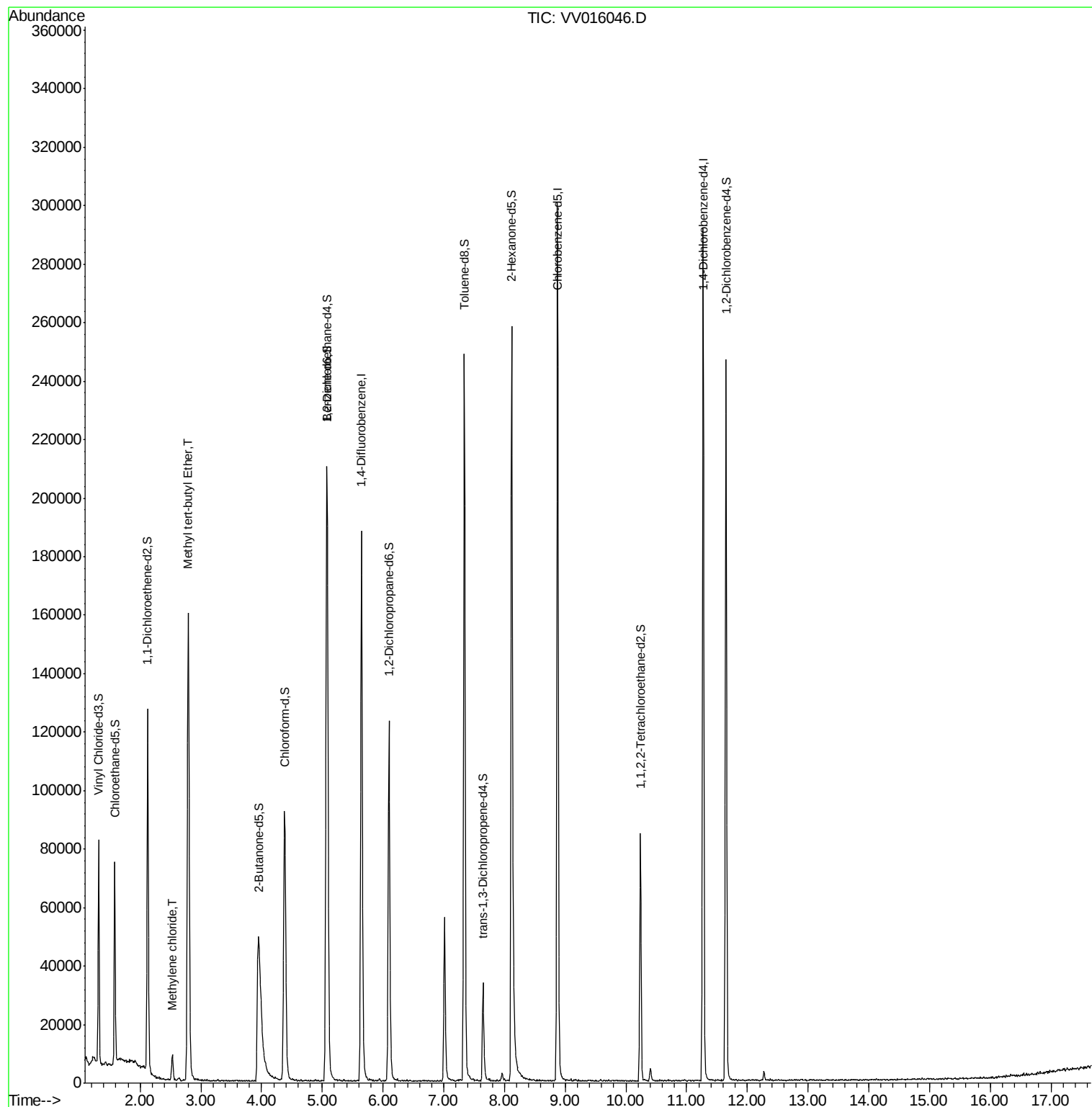
Target Compounds					Ovalue
16) Methylene chloride	2.53	84	3579	0.362 ug/L	93
17) Methyl tert-butyl Ether	2.79	73	156173	7.275 ug/L	99

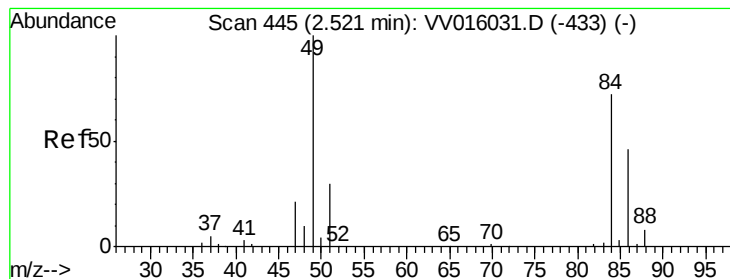
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.362 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.01 min

Lab File: VV016046.D

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Instrument :

MSVOA_V

ClientSampled :

H4217DL

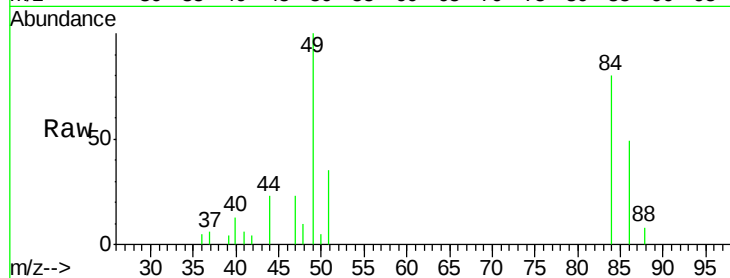
Tot Ion: 84 Resp: 3579

Ion Ratio Lower Upper

84 100

86 61.2 45.6 84.8

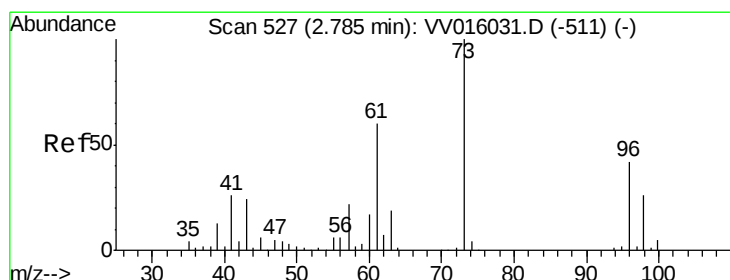
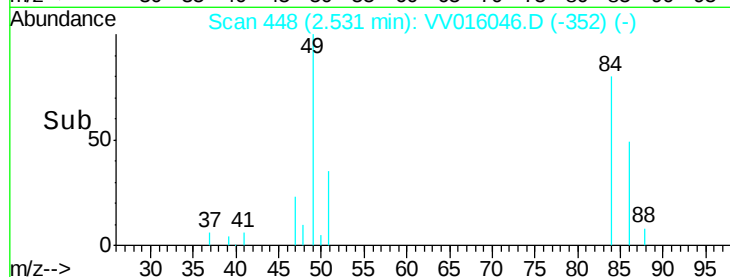
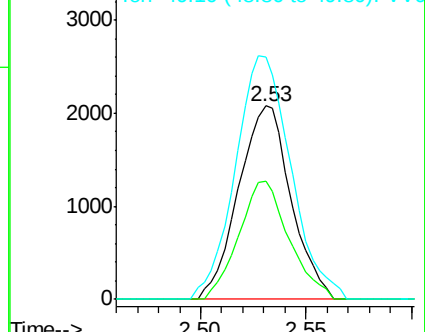
49 125.1 93.6 173.8



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#17

Methyl tert-butyl Ether

Concen: 7.275 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

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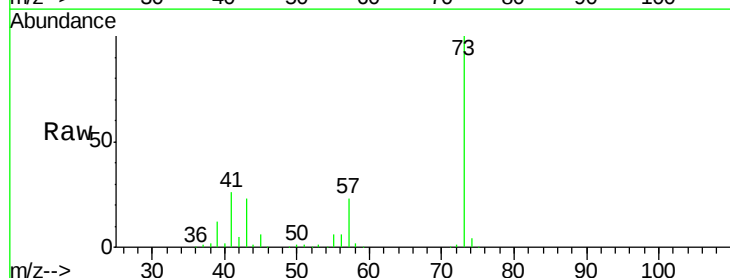
Tgt Ion: 73 Resp: 156173

Ion Ratio Lower Upper

73 100

43 23.8 18.8 28.2

57 23.2 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

