

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\
 Data File : VU036807.D
 Acq On : 17 Feb 2020 14:05
 Operator : JC/MD
 Sample : L1537-14DL 4X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AR4DL

Quant Time: Feb 18 01:33:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 18 00:46:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	114163	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	104886	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	42384	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40061	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.93	69	40030	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.59	63	55952	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.67	46	112549	54.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.34%
24) Chloroform-d	5.11	84	75042	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.74	65	43145	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.76	84	162474	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.73	67	53719	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.92	98	144053	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.21	79	18861	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.66	63	93550	52.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41018	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	43710	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

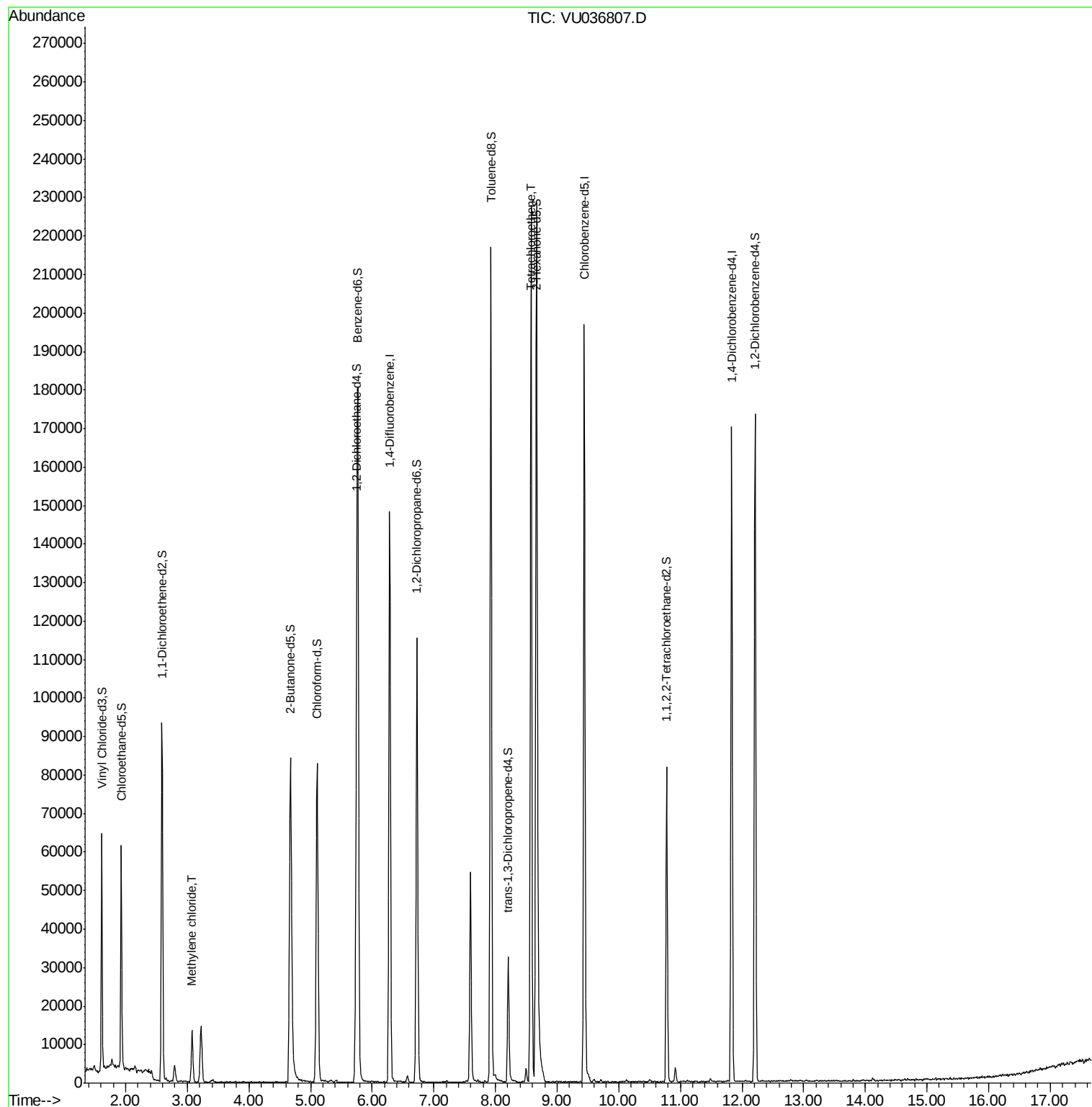
Target Compounds					Ovalue
16) Methylene chloride	3.08	84	6275	0.536 ug/L	92
47) Tetrachloroethene	8.58	164	45867	8.183 ug/L	96

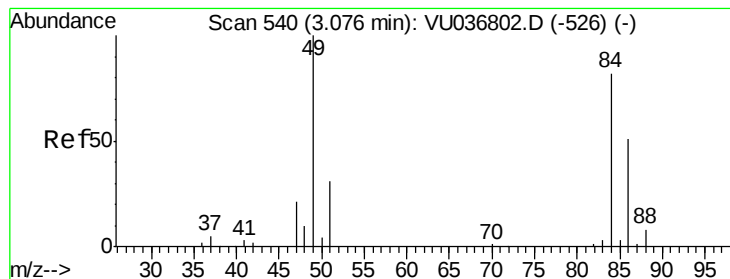
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.536 ug/L

RT: 3.08 min Scan# 540

Delta R.T. -0.00 min

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MSVOA_U

ClientSampleId :

C0AR4DL

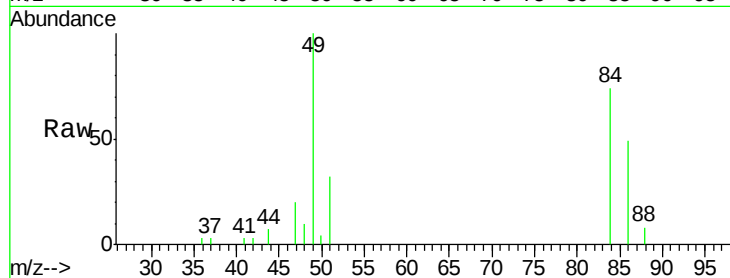
Tot Ion: 84 Resp: 6275

Ion Ratio Lower Upper

84 100

86 66.8 44.7 82.9

49 135.2 86.7 160.9

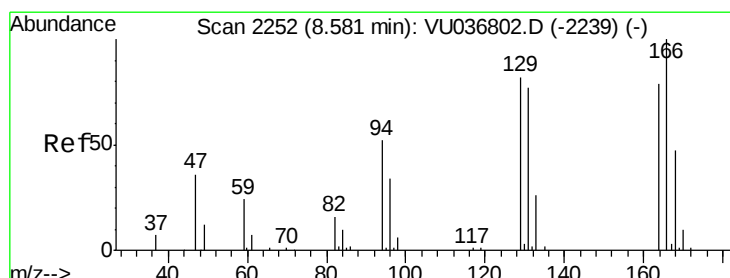
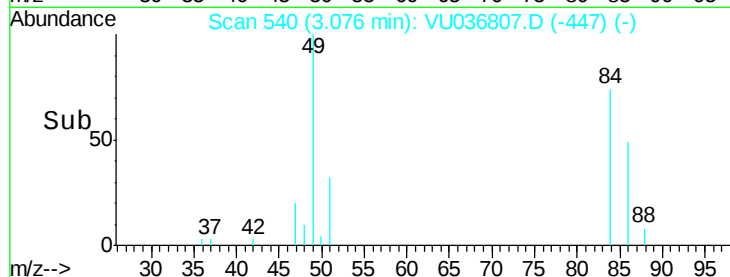
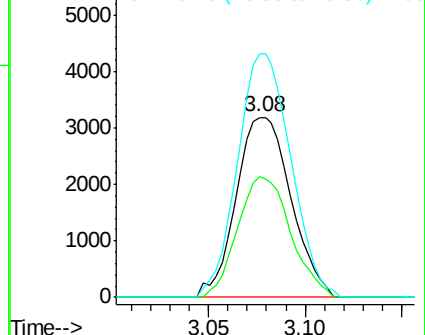


Abundance

Ion 84.05 (83.75 to 84.75): VU036807.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU036807.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU036807.D (-447) (-)



#47

Tetrachloroethene

Concen: 8.183 ug/L

RT: 8.58 min Scan# 2251

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 45867

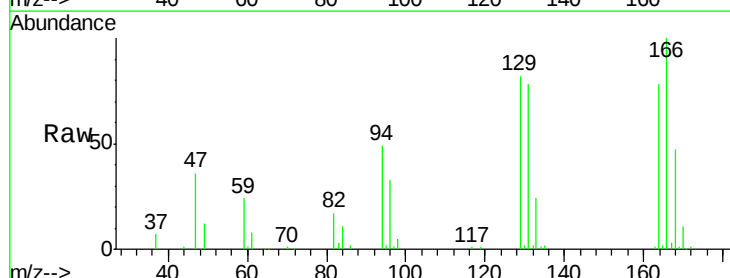
Ion Ratio Lower Upper

164 100

129 105.9 68.0 126.4

131 99.6 69.4 128.8

166 128.5 86.6 160.8



Abundance

Ion 163.90 (163.60 to 164.60): VU036807.D (-2159) (-)

Ion 128.95 (128.65 to 129.65): VU036807.D (-2159) (-)

Ion 130.95 (130.65 to 131.65): VU036807.D (-2159) (-)

Ion 165.90 (165.60 to 166.60): VU036807.D (-2159) (-)

