

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010766.D
 Acq On : 09 May 2019 14:19
 Operator : SY/MD
 Sample : K2693-10
 Misc : 2.58G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHL1

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:45:28 AM

Quant Time: May 10 06:34:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 10 05:43:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	76439	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	57623	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	14984	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25097	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
7) Chloroethane-d5	1.56	69	24318	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.56%
10) 1,1-Dichloroethene-d2	2.12	63	41287	16.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.12%
20) 2-Butanone-d5	3.94	46	2664m	7.48	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	14.96%#
24) Chloroform-d	4.40	84	45231	21.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	36373	27.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.80%
29) Benzene-d6	5.09	84	96330	31.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.04%
33) 1,2-Dichloropropane-d6	6.11	67	34402	35.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	142.40%#
37) Toluene-d8	7.36	98	76761	26.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.72%
38) trans-1,3-Dichloropropene-	7.66	79	4896	11.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	44.44%
39) 2-Hexanone-d5	8.14	63	2261	11.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.36%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	23708	26.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	15109	26.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.16%

Target Compounds					Ovalue
16) Methylene chloride	2.53	84	4763	4.030 ug/L	97

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

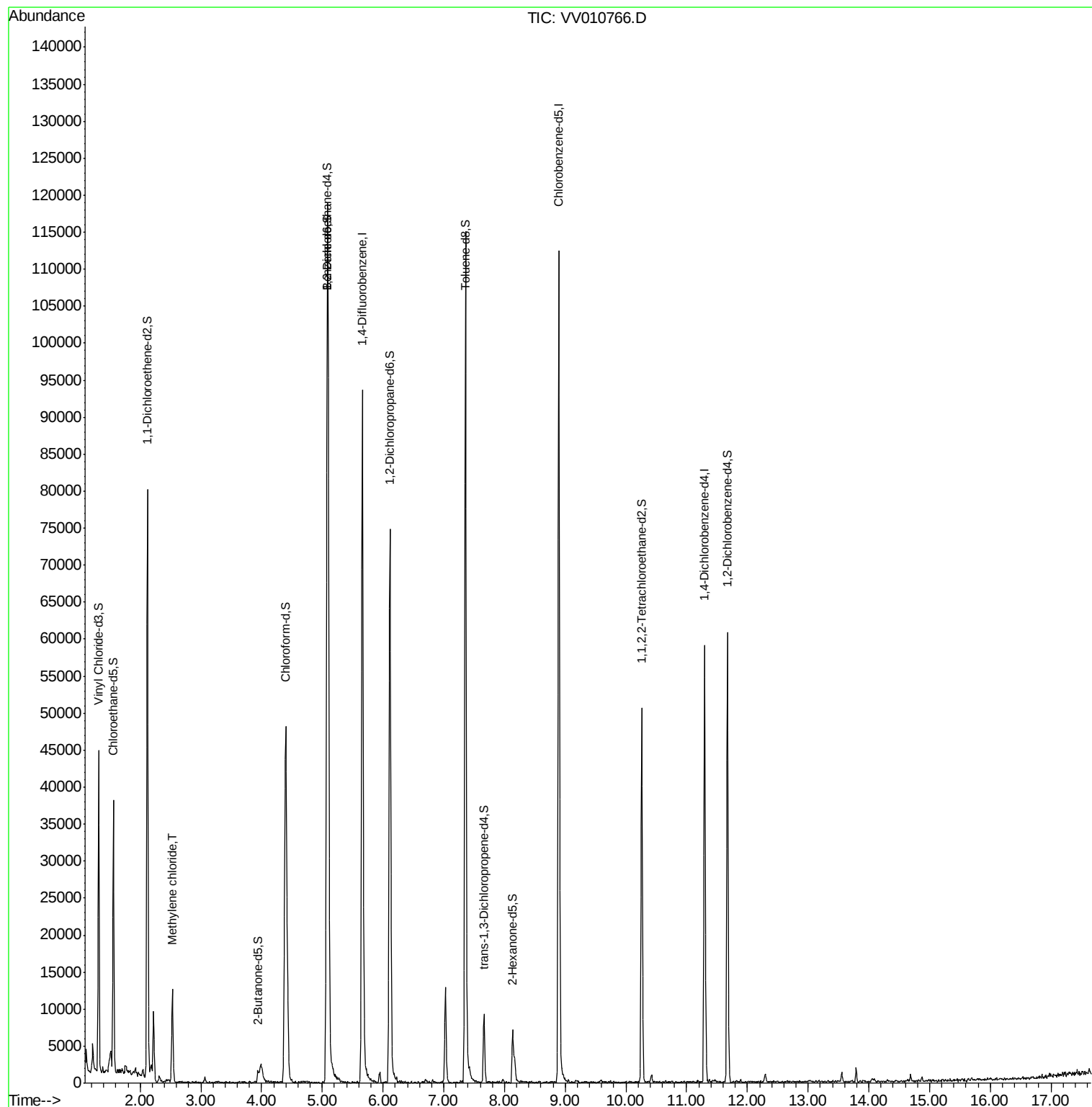
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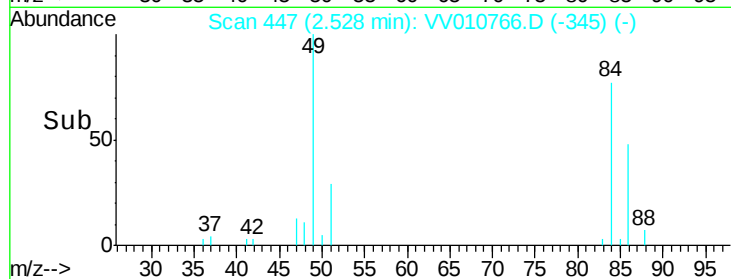
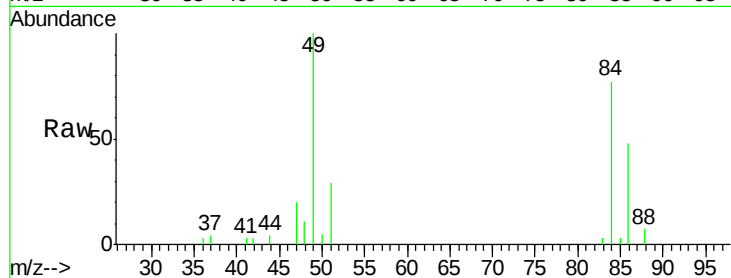
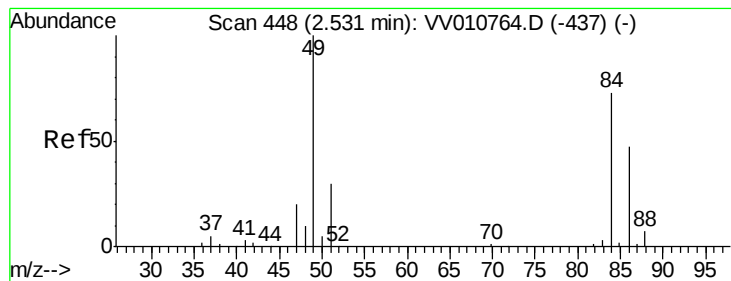
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#16

Methylene chloride

Concen: 4.030 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV010766.D

Acq: 09 May 2019 14:19

Tot Ion:	84	Resp:	4763
Ion Ratio	Lower	Upper	
84	100		
49	129.6	92.9	172.5
86	62.4	46.5	86.5

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