

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\
 Data File : VV010732.D
 Acq On : 08 May 2019 17:56
 Operator : SY/MD
 Sample : K2633-07RE
 Misc : 5.08G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ99RE

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 3:46:23 AM

Quant Time: May 09 03:54:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 02:55:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	21644	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	21046	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	6358	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	7900	23.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.96%
7) Chloroethane-d5	1.58	69	6446	23.30	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
10) 1,1-Dichloroethene-d2	2.13	63	12187	16.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.84%
20) 2-Butanone-d5	3.95	46	2510	24.88	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.76%
24) Chloroform-d	4.41	84	13709m	23.23	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.92%
26) 1,2-Dichloroethane-d4	5.09	65	8103	21.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.96%
29) Benzene-d6	5.10	84	27344	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	6.12	67	8735	24.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.00%
37) Toluene-d8	7.36	98	24285	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	7.67	79	2728	16.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.80%
39) 2-Hexanone-d5	8.14	63	1750	23.69	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	6736	20.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	7339	29.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.20%

Target Compounds					Ovalue
16) Methylene chloride	2.54	84	2848	8.510 ug/L	88

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

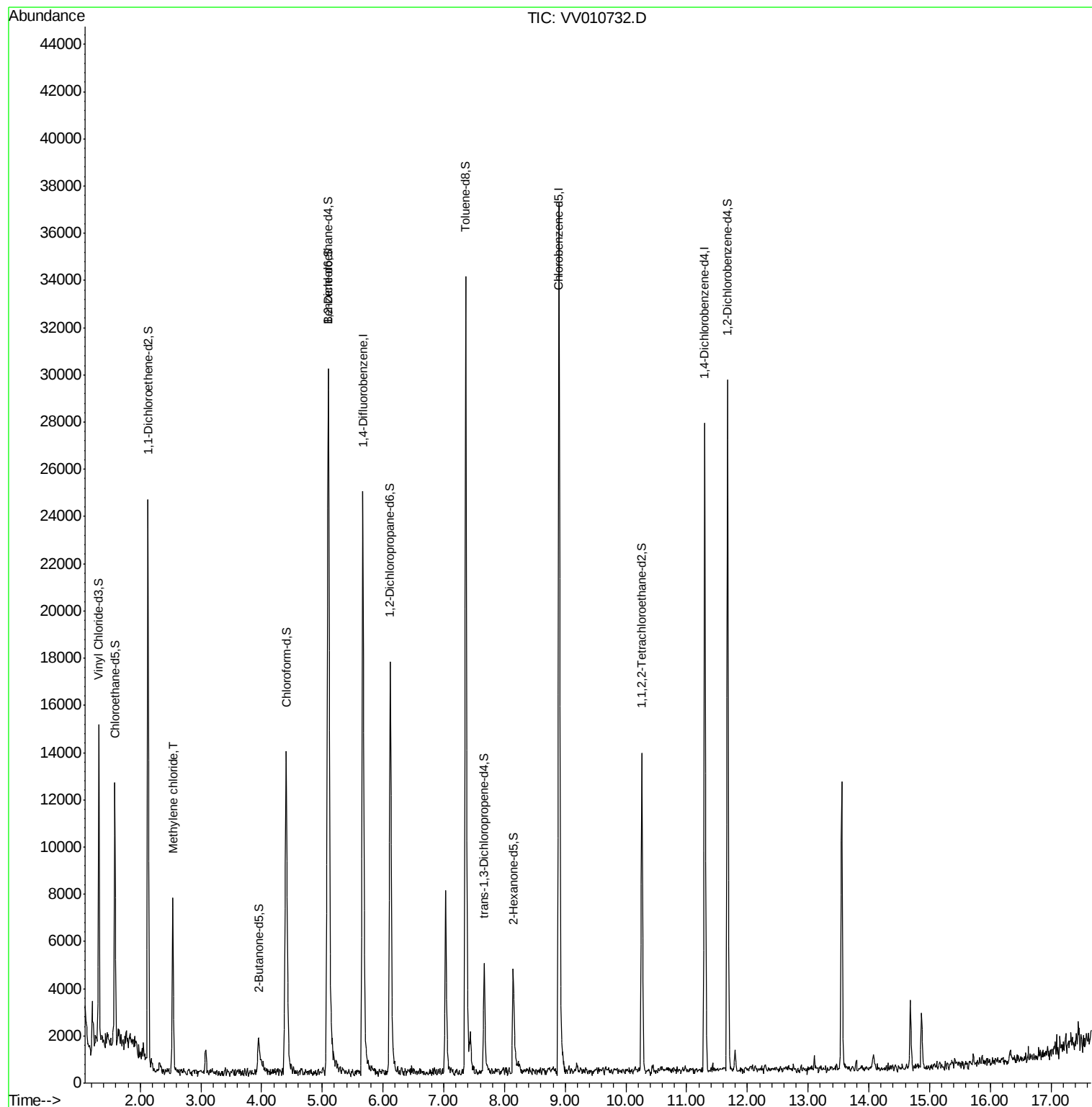
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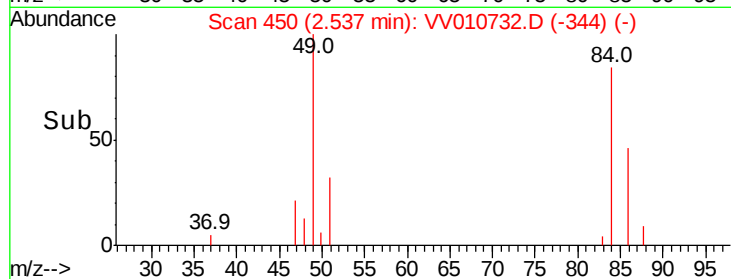
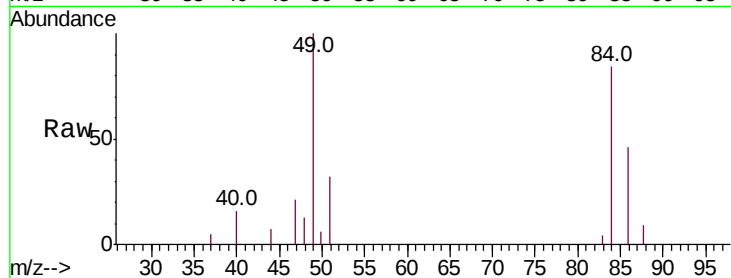
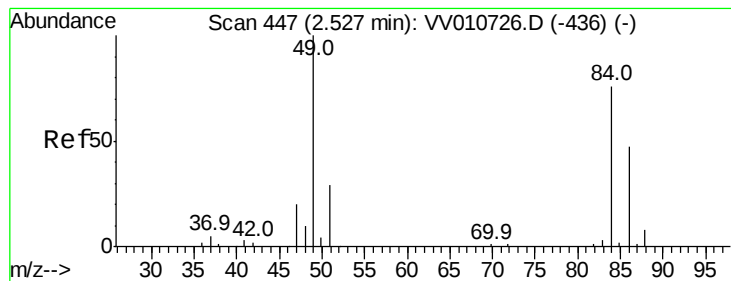
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#16

Methvlene chloride

Concen: 8.510 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV010732.D

Acq: 08 May 2019 17:56

Tot Ion:	84	Resp:	2848
Ion Ratio	Lower	Upper	
84	100		
49	119.0	92.9	172.5
86	55.1	46.5	86.5

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