

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031419\
 Data File : VV009669.D
 Acq On : 14 Mar 2019 16:46
 Operator : SY/MD
 Sample : K1885-06
 Misc : 5.96G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF190

Quant Time: Mar 15 05:31:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 04:30:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	107515	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106433	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45113	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32596	23.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.84%
7) Chloroethane-d5	1.57	69	32458	19.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.56%
10) 1,1-Dichloroethene-d2	2.13	63	65628	17.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.64%
20) 2-Butanone-d5	3.93	46	24947	69.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.56%#
24) Chloroform-d	4.40	84	59646	21.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.04%
26) 1,2-Dichloroethane-d4	5.08	65	41570	26.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.20%
29) Benzene-d6	5.10	84	130546	23.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.52%
33) 1,2-Dichloropropane-d6	6.12	67	40076	24.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.28%
37) Toluene-d8	7.36	98	125650	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	7.66	79	16644	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.80%
39) 2-Hexanone-d5	8.13	63	18209	60.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42645	27.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.44%
61) 1,2-Dichlorobenzene-d4	11.68	152	42026	24.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.20%

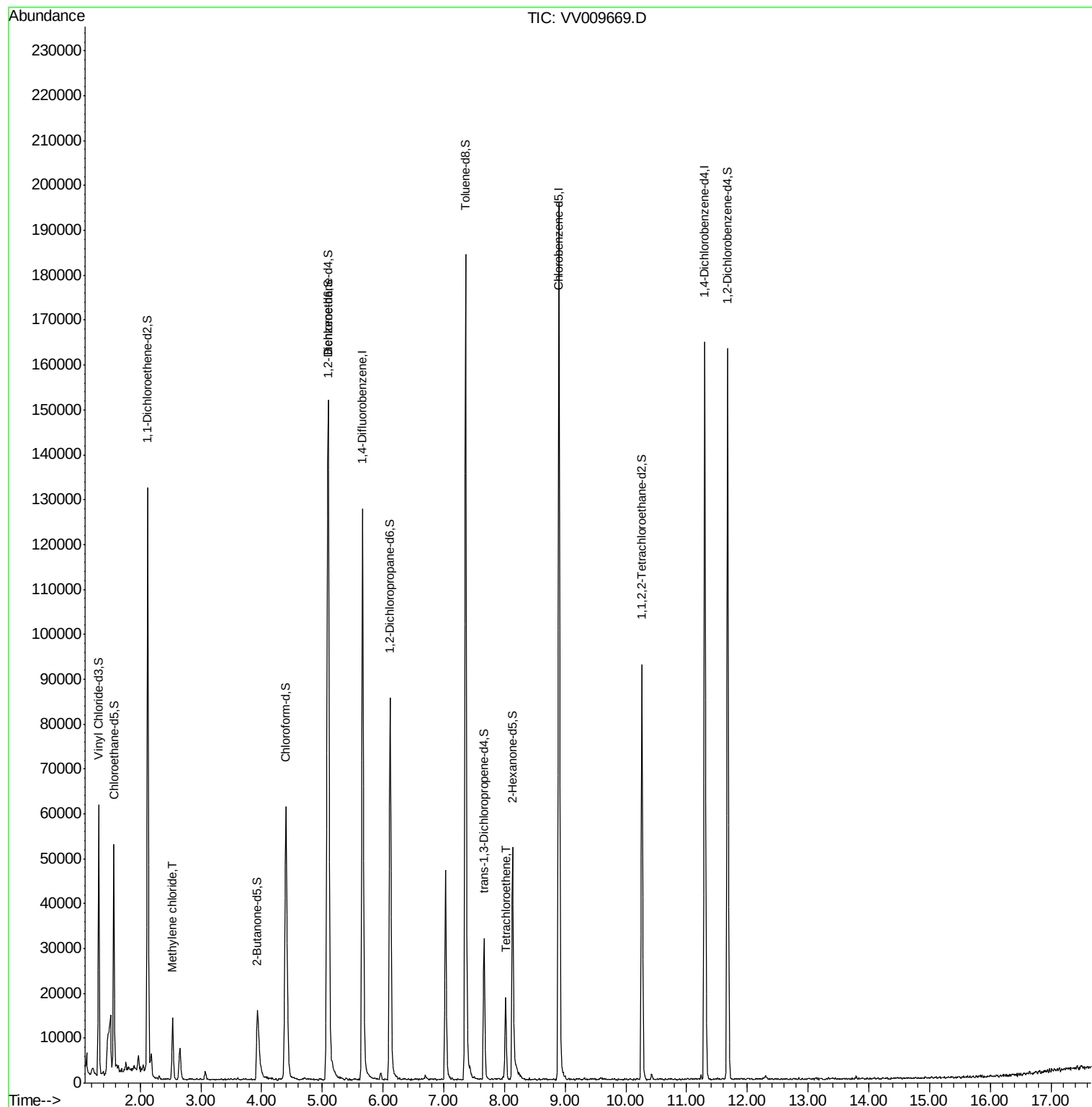
Target Compounds					Ovalue
16) Methylene chloride	2.53	84	5420	3.463 ug/L	95
47) Tetrachloroethene	8.02	164	3793	2.866 ug/L	88

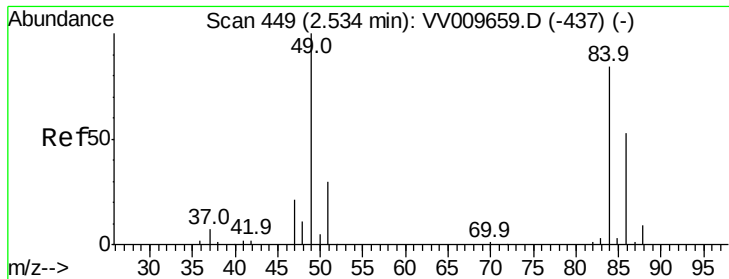
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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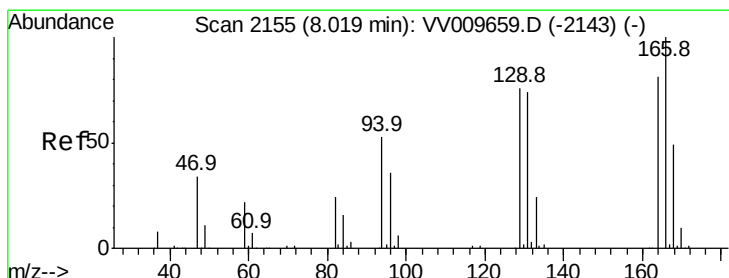
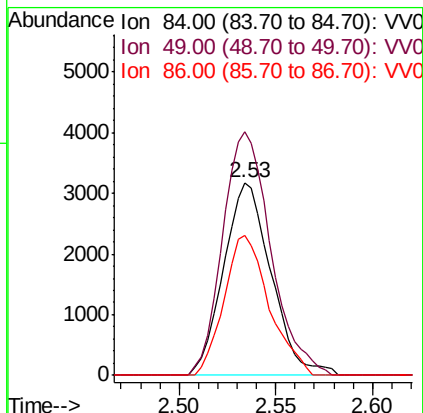
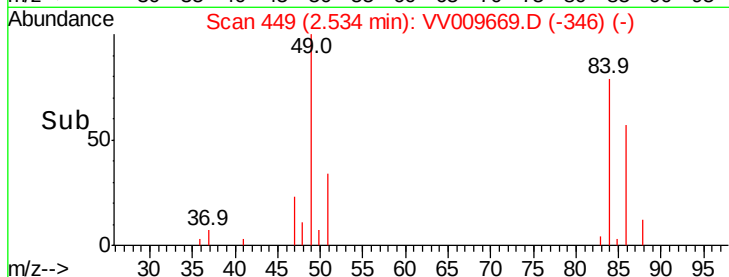
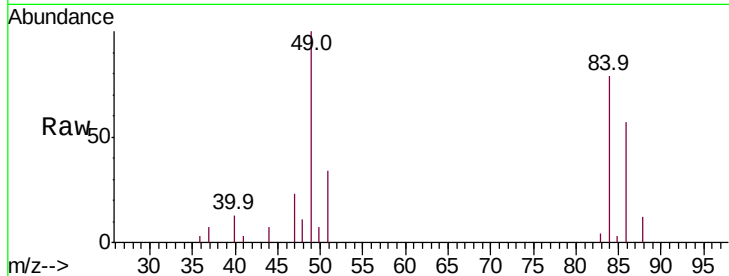




#16
Methylene chloride
Concen: 3.463 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009669.D
Acq: 14 Mar 2019 16:46

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Tot Ion: 84 Resp: 5420
Ion Ratio Lower Upper
84 100
49 126.3 86.1 159.9
86 72.5 45.2 84.0



#47
Tetrachloroethene
Concen: 2.866 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV009669.D
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Tgt Ion: 164 Resp: 3793
Ion Ratio Lower Upper
164 100
129 86.9 69.0 128.1
131 96.1 65.7 122.1
166 105.0 89.4 166.0

