

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031419\
 Data File : VV009676.D
 Acq On : 14 Mar 2019 19:51
 Operator : SY/MD
 Sample : K1885-13
 Misc : 6.22G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF197

Quant Time: Mar 15 12:41:54 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	112782	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	109237	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	44511	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37755	26.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.72%
7) Chloroethane-d5	1.57	69	36125	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.20%
10) 1,1-Dichloroethene-d2	2.13	63	76155	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.16%
20) 2-Butanone-d5	3.93	46	24098	63.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.58%
24) Chloroform-d	4.40	84	70128	24.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	5.08	65	47397	29.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.52%
29) Benzene-d6	5.10	84	153825	26.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.40%
33) 1,2-Dichloropropane-d6	6.12	67	47280	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.96%
37) Toluene-d8	7.36	98	147185	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.20%
38) trans-1,3-Dichloropropene-	7.67	79	19382	25.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.76%
39) 2-Hexanone-d5	8.13	63	17841	57.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45510	28.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.84%
61) 1,2-Dichlorobenzene-d4	11.67	152	45704	26.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.04%

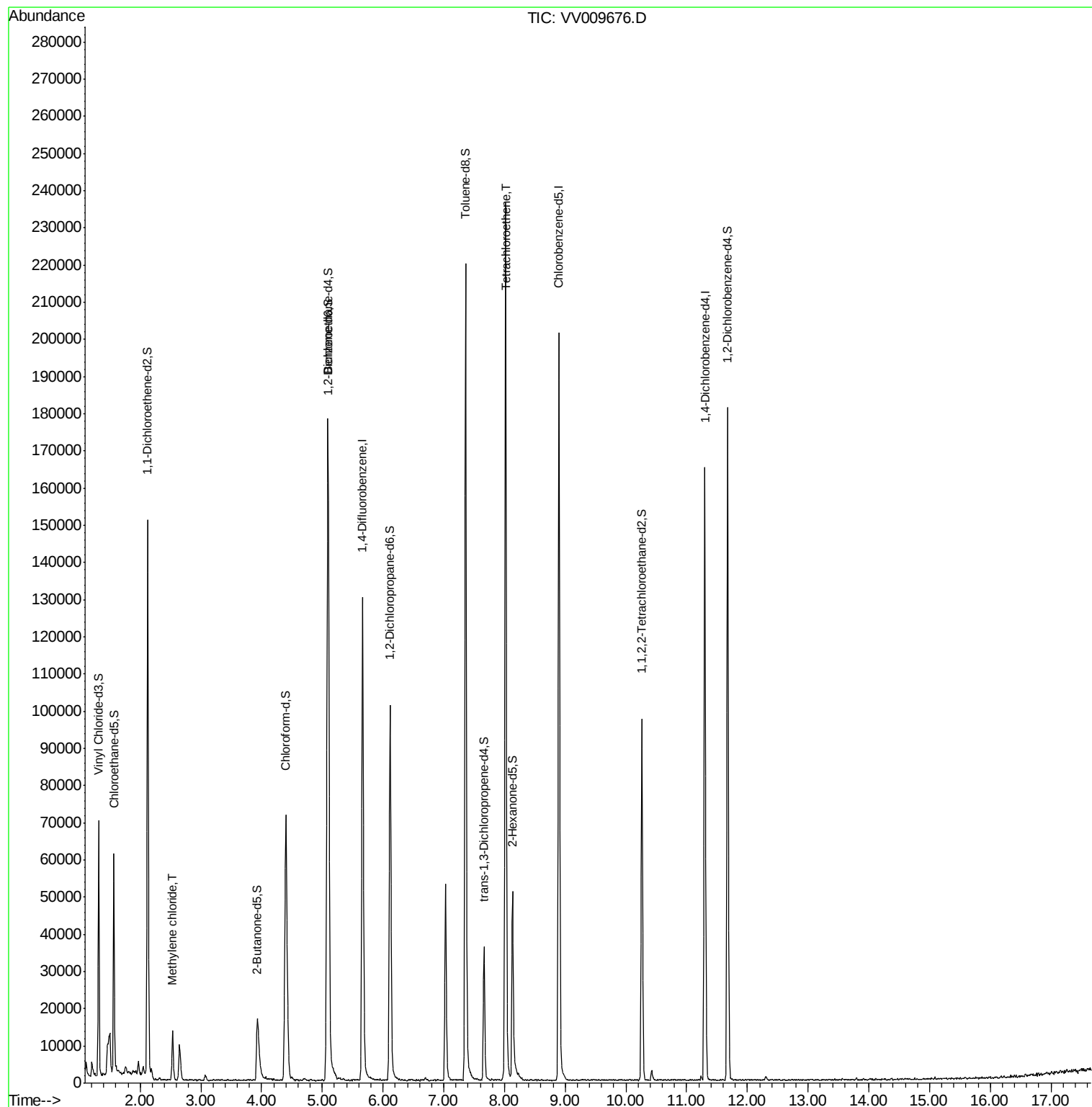
Target Compounds					Ovalue
16) Methylene chloride	2.53	84	5226	3.183 ug/L	95
47) Tetrachloroethene	8.02	164	48084	35.399 ug/L	95

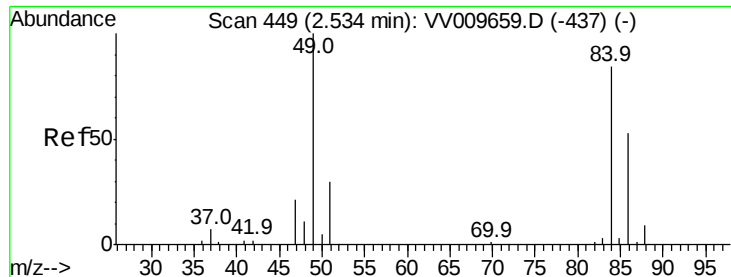
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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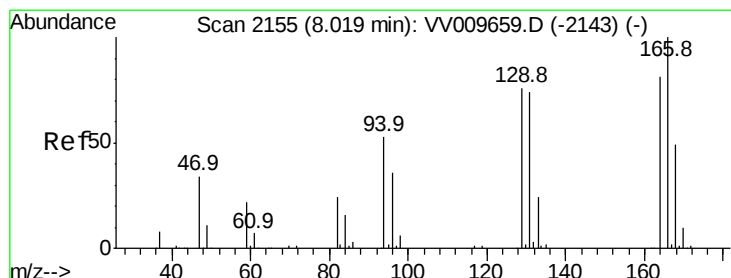
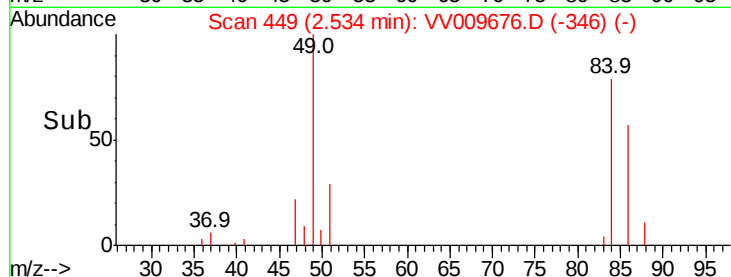
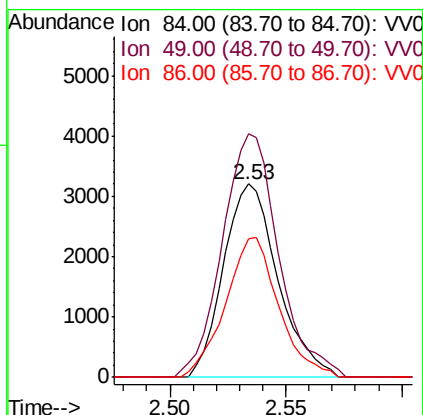
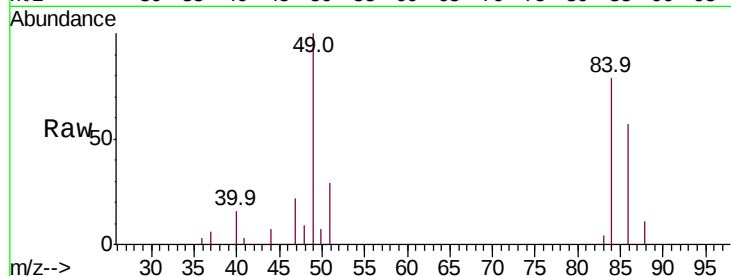




#16
Methvlene chloride
Concen: 3.183 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009676.D
Acq: 14 Mar 2019 19:51

Instrument :
MSVOA_V
ClientSampled :
BF197

Tot Ion: 84 Resp: 5226
Ion Ratio Lower Upper
84 100
49 125.9 86.1 159.9
86 71.9 45.2 84.0



#47
Tetrachloroethene
Concen: 35.399 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.00 min
Lab File: VV009676.D
Acq: 14 Mar 2019 19:51

Tgt Ion: 164 Resp: 48084
Ion Ratio Lower Upper
164 100
129 102.9 69.0 128.1
131 102.0 65.7 122.1
166 132.5 89.4 166.0

