

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040419\
 Data File : VV010120.D
 Acq On : 04 Apr 2019 20:17
 Operator : SY/MD
 Sample : K2246-08
 Misc : 5.82G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF155

Quant Time: Apr 05 02:40:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 01:26:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	267782	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	267215	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127768	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64823	18.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.32%
7) Chloroethane-d5	1.58	69	63610	14.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.16%
10) 1,1-Dichloroethene-d2	2.13	63	139352	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	3.93	46	48013	47.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.14%
24) Chloroform-d	4.40	84	145665	21.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	5.08	65	90546	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.96%
29) Benzene-d6	5.10	84	301681	21.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.08%
33) 1,2-Dichloropropane-d6	6.12	67	90057	22.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.08%
37) Toluene-d8	7.36	98	280572	21.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.04%
38) trans-1,3-Dichloropropene-	7.66	79	35499	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	8.13	63	36620	44.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.30%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	89642	22.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	117169	23.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.16%

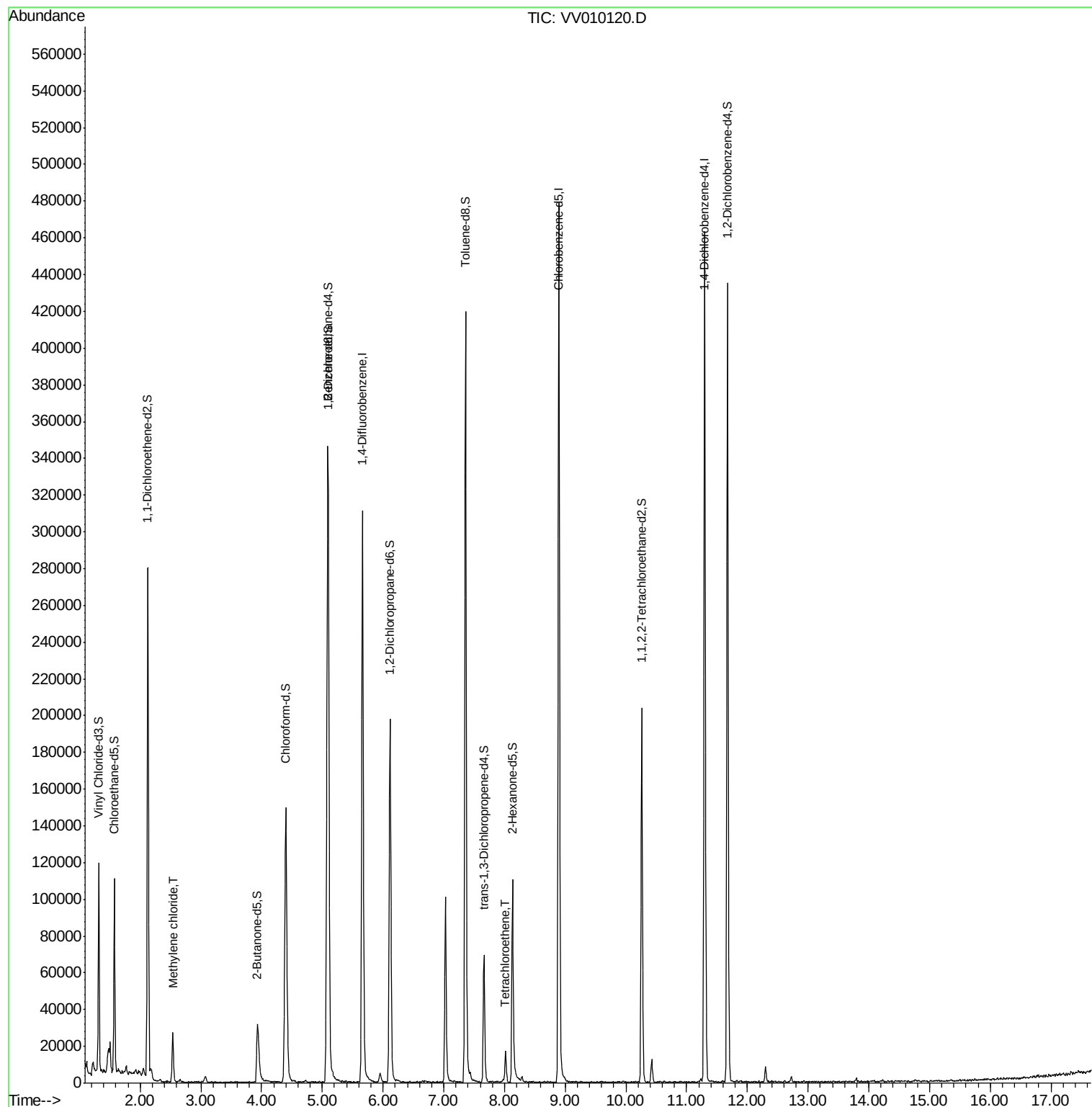
Target Compounds					Ovalue
16) Methylene chloride	2.54	84	10686	2.271 ug/L	93
47) Tetrachloroethene	8.02	164	3863	1.227 ug/L	87

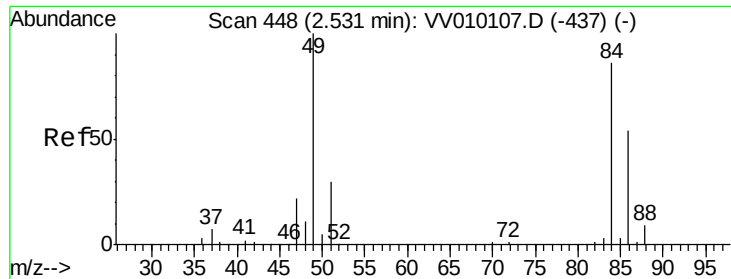
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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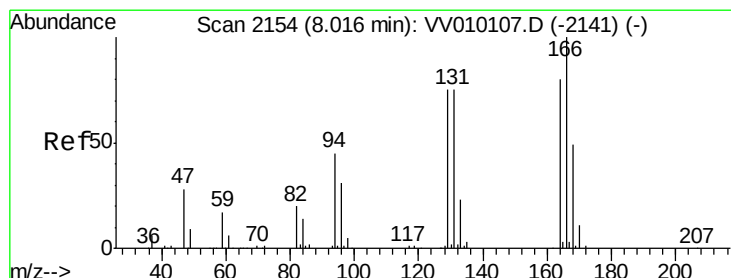
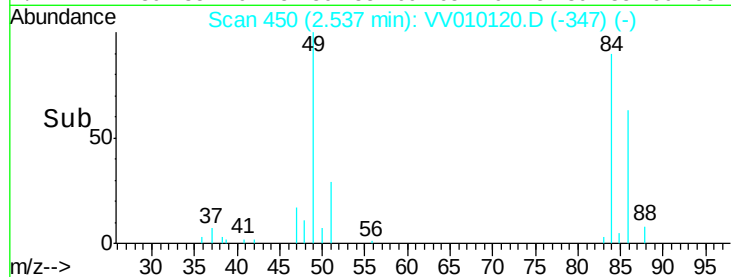
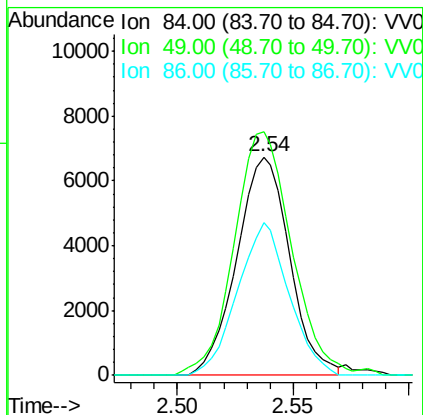
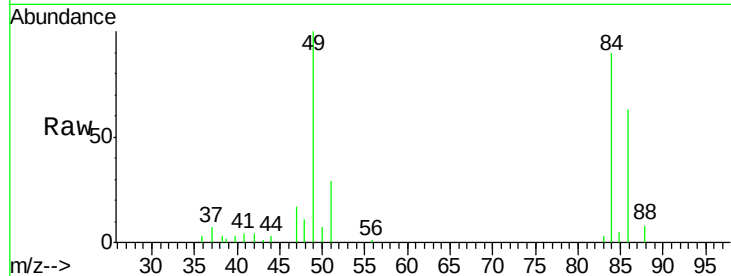




#16
Methylene chloride
Concen: 2.271 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV010120.D
Acq: 04 Apr 2019 20:17

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Tot Ion: 84 Resp: 10686
Ion Ratio Lower Upper
84 100
49 111.5 84.3 156.5
86 69.9 45.4 84.2



#47
Tetrachloroethene
Concen: 1.227 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV010120.D
Acq: 04 Apr 2019 20:17

Tgt Ion: 164 Resp: 3863
Ion Ratio Lower Upper
164 100
129 87.0 67.8 125.8
131 74.3 65.2 121.0
166 122.9 93.8 174.2

