

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092419\
 Data File : VV012961.D
 Acq On : 24 Sep 2019 15:47
 Operator : SY/MD
 Sample : K4988-01
 Misc : 6.26G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESNX9

Quant Time: Sep 25 02:13:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 25 01:56:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	672362	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	619954	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	244256	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	202075	19.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.48%
7) Chloroethane-d5	1.58	69	173985	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.52%
10) 1,1-Dichloroethene-d2	2.13	63	268064	15.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.80%
20) 2-Butanone-d5	3.94	46	129945	36.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.14%
24) Chloroform-d	4.40	84	386262	20.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.64%
26) 1,2-Dichloroethane-d4	5.08	65	224933	20.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.80%
29) Benzene-d6	5.10	84	796691	23.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.08%
33) 1,2-Dichloropropane-d6	6.11	67	259988	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.84%
37) Toluene-d8	7.36	98	682743	21.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.92%
38) trans-1,3-Dichloropropene-	7.66	79	94472	20.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.24%
39) 2-Hexanone-d5	8.13	63	84986	38.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.86%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	202474	19.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	224993	23.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.84%

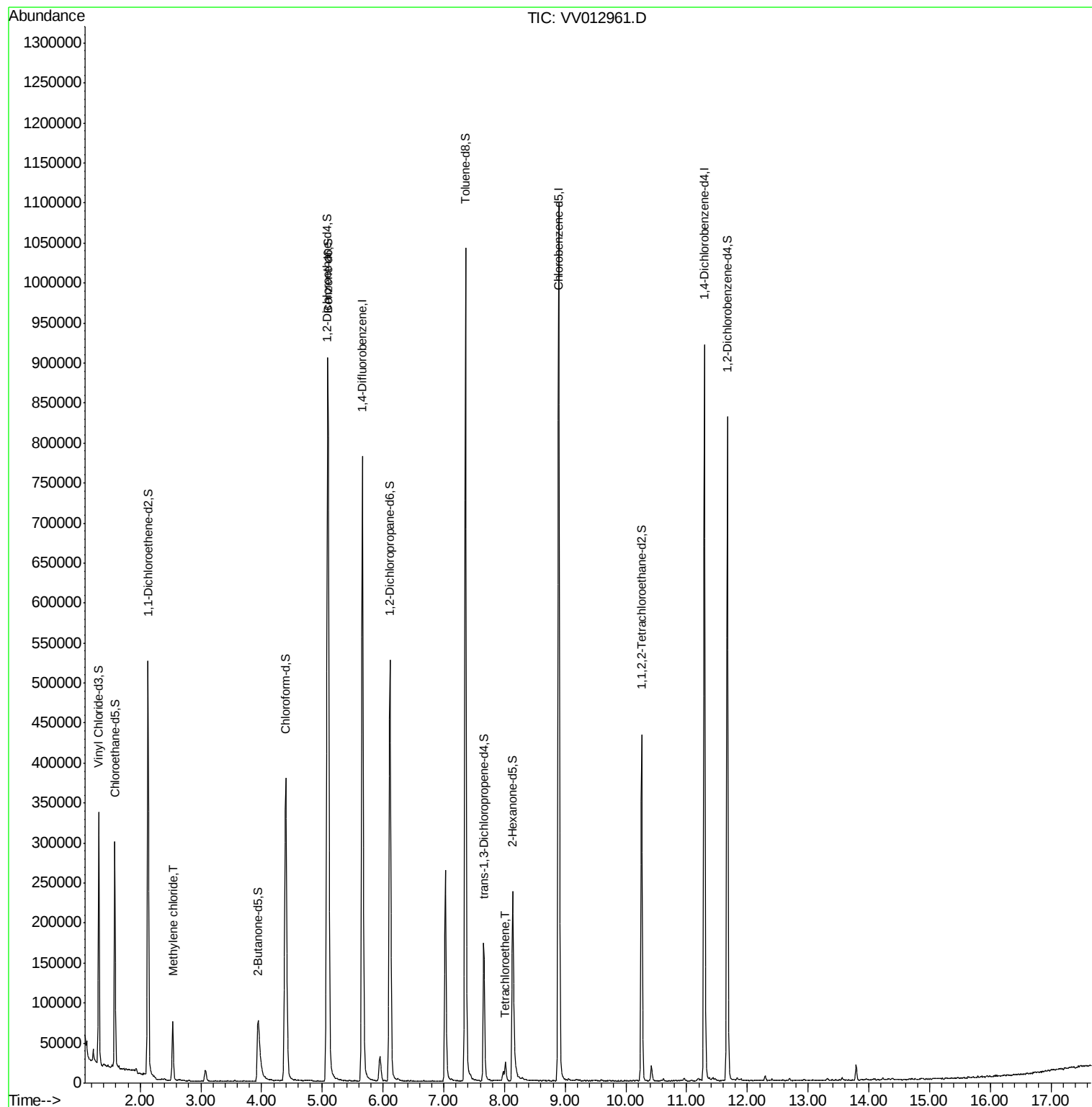
Target Compounds					Ovalue
16) Methylene chloride	2.54	84	29856	2.971 ug/L	94
47) Tetrachloroethene	8.02	164	6031	0.772 ug/L	86

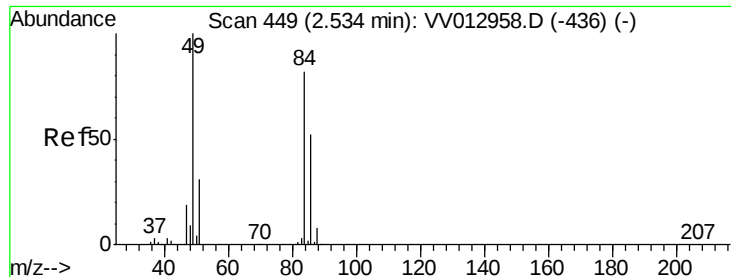
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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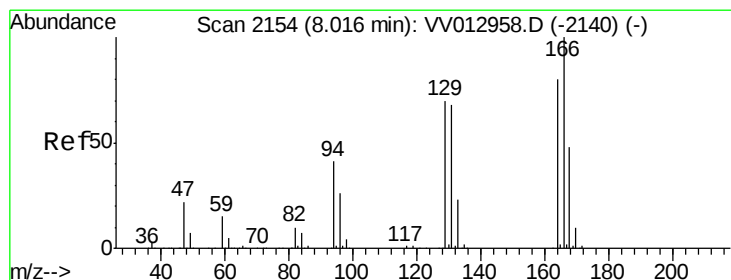
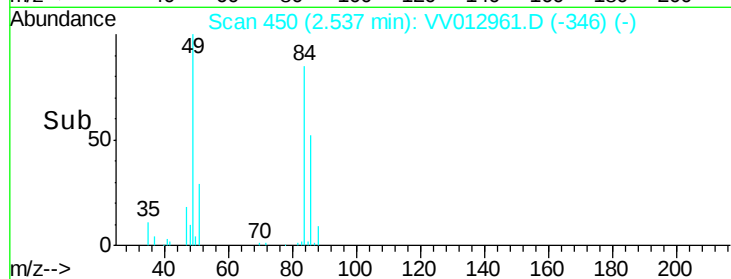
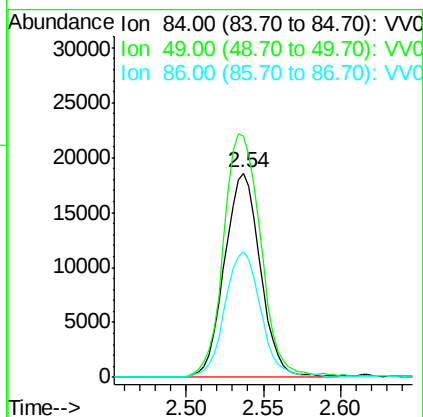
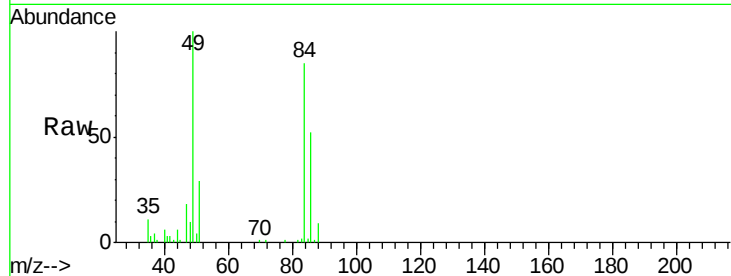




#16
Methylene chloride
Concen: 2.971 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012961.D
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Tot Ion: 84 Resp: 29856
Ion Ratio Lower Upper
84 100
49 117.7 88.3 164.1
86 61.4 44.9 83.3



#47
Tetrachloroethene
Concen: 0.772 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012961.D
Acq: 24 Sep 2019 15:47

Tgt Ion: 164 Resp: 6031
Ion Ratio Lower Upper
164 100
129 77.7 62.8 116.6
131 81.4 60.2 111.8
166 104.2 89.4 166.0

