

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\
 Data File : VV010443.D
 Acq On : 23 Apr 2019 08:39
 Operator : SY/MD
 Sample : K2481-13
 Misc : 5.03G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAHW6

Quant Time: Apr 24 02:21:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM042219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 02:09:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	502267	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	480718	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	210975	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	76453	11.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.20%
7) Chloroethane-d5	1.56	69	79567	14.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.12%
10) 1,1-Dichloroethene-d2	2.12	63	140290	10.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.44%#
20) 2-Butanone-d5	3.92	46	59102	36.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.06%
24) Chloroform-d	4.39	84	231071	18.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.32%
26) 1,2-Dichloroethane-d4	5.07	65	150636	20.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.04%
29) Benzene-d6	5.09	84	465631	20.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.92%
33) 1,2-Dichloropropane-d6	6.11	67	148061	22.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.48%
37) Toluene-d8	7.36	98	436708	19.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.40%
38) trans-1,3-Dichloropropene-	7.66	79	53706	16.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.64%
39) 2-Hexanone-d5	8.13	63	41581	31.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.94%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	110674	17.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	165888	20.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.76%

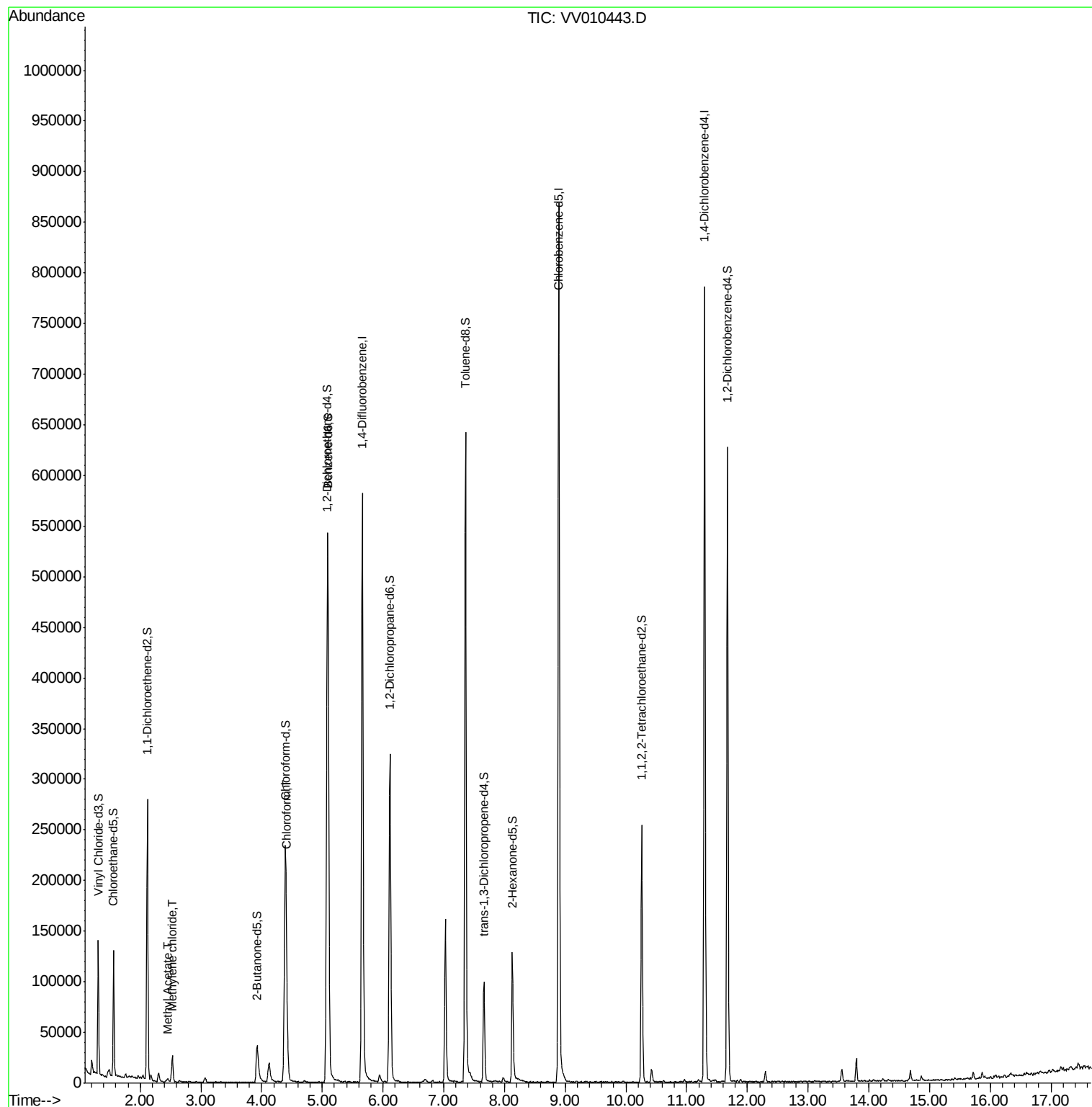
Target Compounds					Ovalue
15) Methyl Acetate	2.45	43	4081	1.581 ug/L	92
16) Methylene chloride	2.53	84	10621	1.442 ug/L	99
25) Chloroform	4.42	83	31112	2.590 ug/L	95

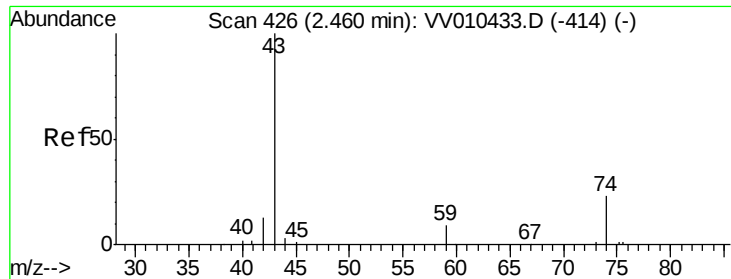
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methvl Acetate

Concen: 1.581 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

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ClientSampleId :

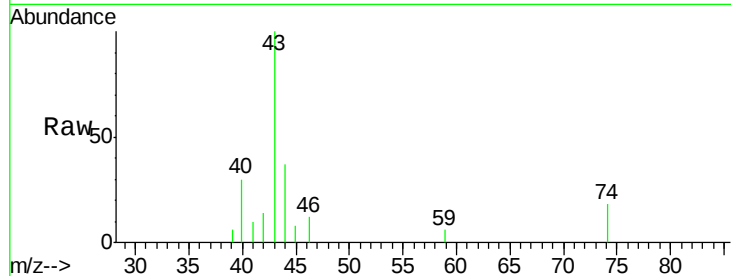
GAHW6

Tot Ion: 43 Resp: 4081

Ion Ratio Lower Upper

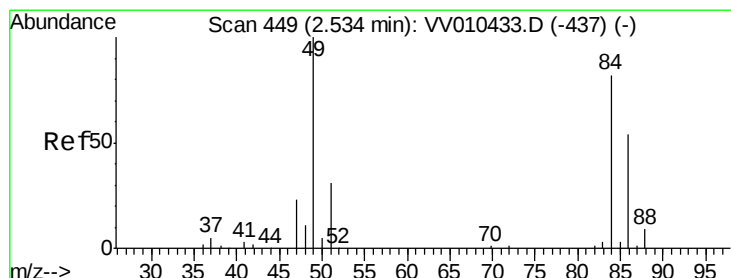
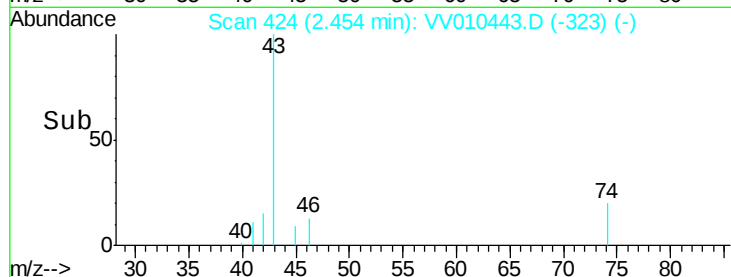
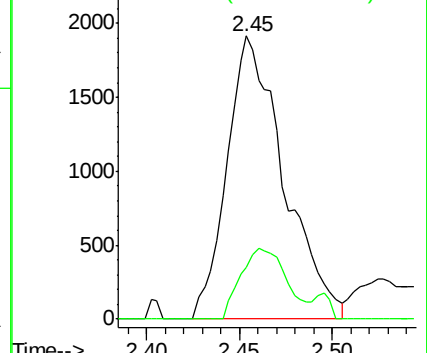
43 100

74 20.6 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 1.442 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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Acq: 23 Apr 2019 08:39

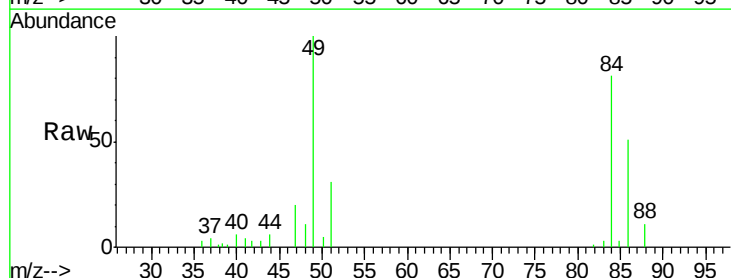
Tgt Ion: 84 Resp: 10621

Ion Ratio Lower Upper

84 100

49 122.9 85.0 158.0

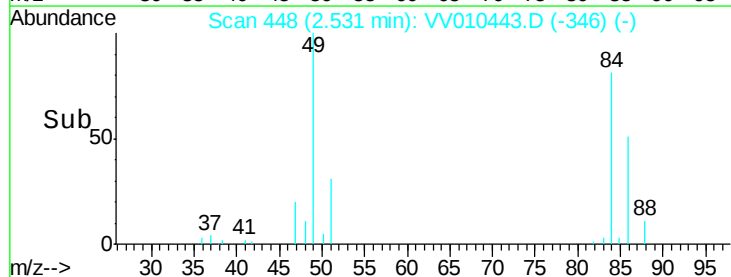
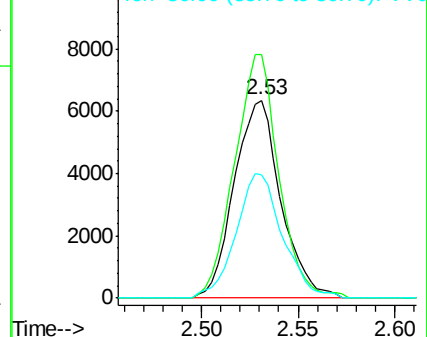
86 62.4 43.9 81.5

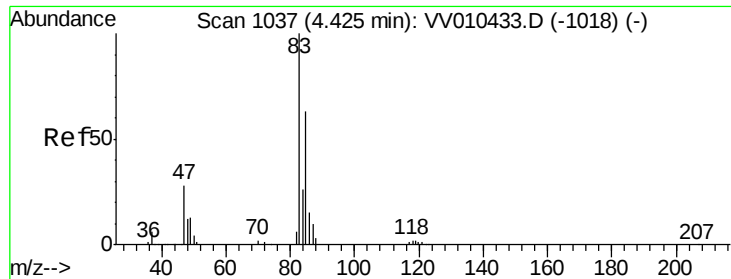


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0





#25
 Chloroform
 Concen: 2.590 ug/L
 RT: 4.42 min Scan# 1034
 Delta R.T. -0.01 min
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Tot Ion: 83 Resp: 31112
 Ion Ratio Lower Upper
 83 100
 85 69.6 46.1 85.5

