

Data File : VV009939.D
Acq On : 27 Mar 2019 21:18
Operator : SY/MD
Sample : K2128-01
Misc : 5.07G/10mL/MSVOA_V/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0L2

Quant Time: Mar 28 07:34:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 07:17:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	113666	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	117369	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49806	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41690	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.28%
7) Chloroethane-d5	1.55	69	59302	23.80	ug/L	-0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.20%
10) 1,1-Dichloroethene-d2	2.12	63	106112	16.82	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.28%
20) 2-Butanone-d5	3.94	46	22634	52.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.32%
24) Chloroform-d	4.40	84	48624	16.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	67.16%
26) 1,2-Dichloroethane-d4	5.08	65	44351	25.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.80%
29) Benzene-d6	5.10	84	140486	22.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	6.11	67	43470	24.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.44%
37) Toluene-d8	7.36	98	121340	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.20%
38) trans-1,3-Dichloropropene-	7.67	79	14985	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	8.13	63	17811	52.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42442	23.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.08%
61) 1,2-Dichlorobenzene-d4	11.67	152	45893	24.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.80%

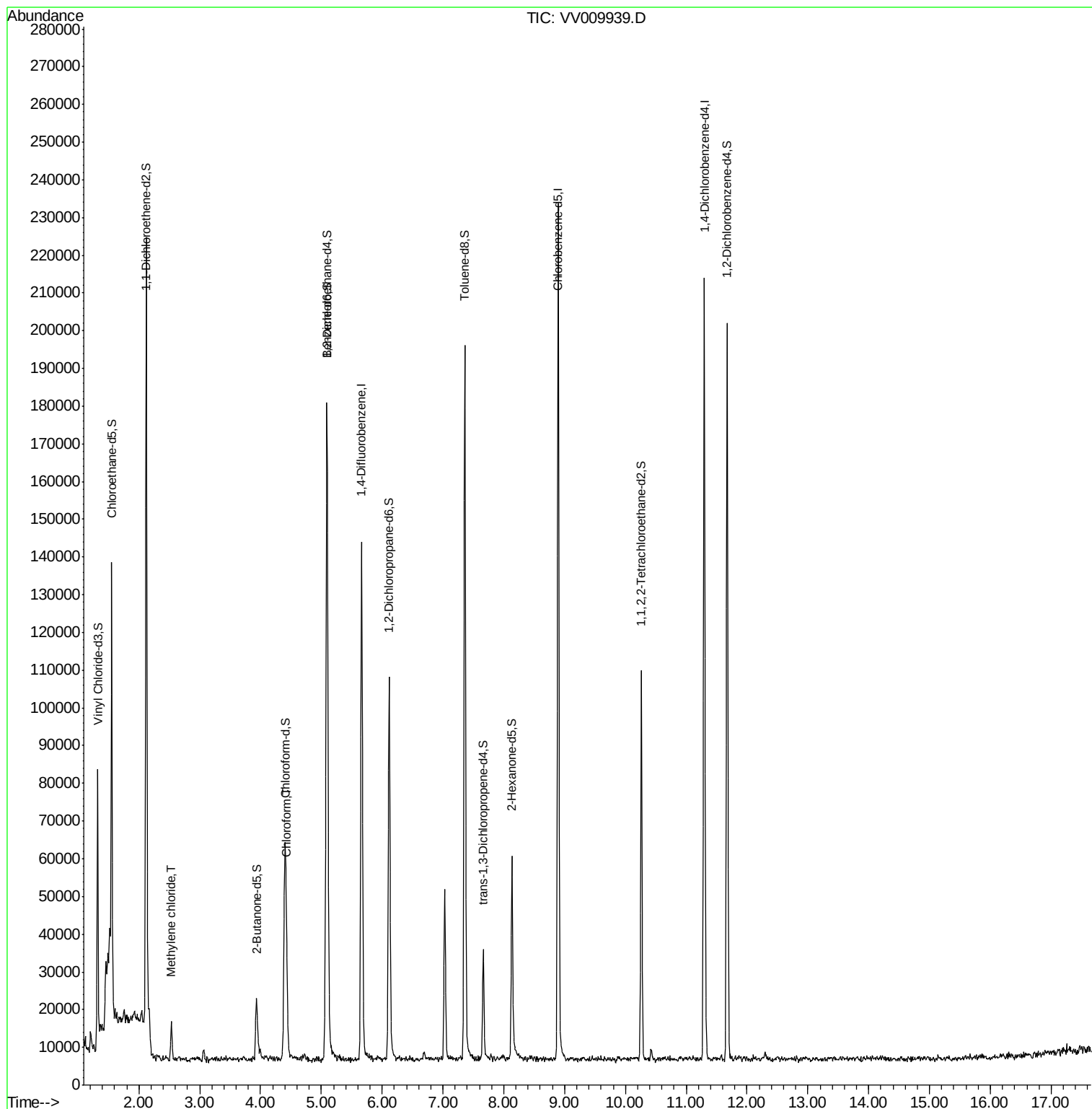
Target Compounds						Qvalue
16) Methylene chloride	2.53	84	3562	1.903	ug/L	94
25) Chloroform	4.43	83	22826	7.580	ug/L	98

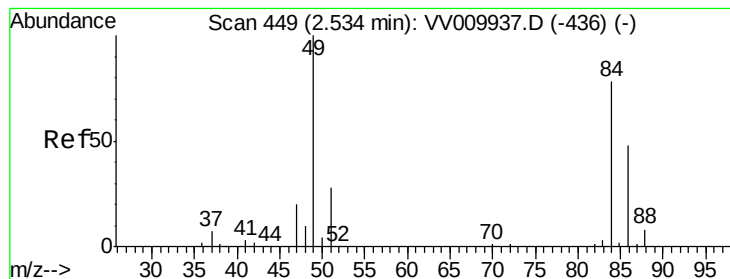
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 1.903 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampled :

BF0L2

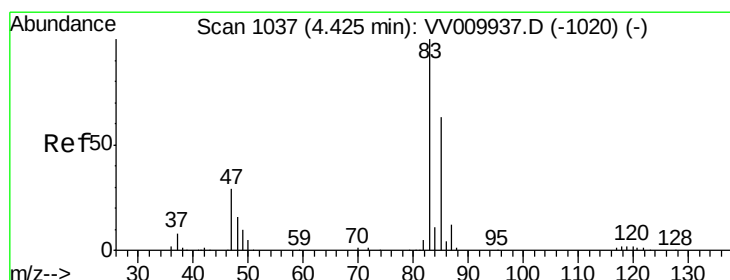
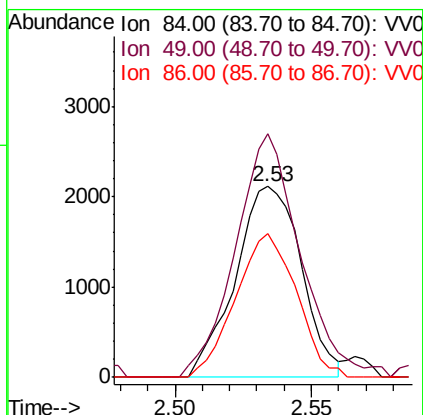
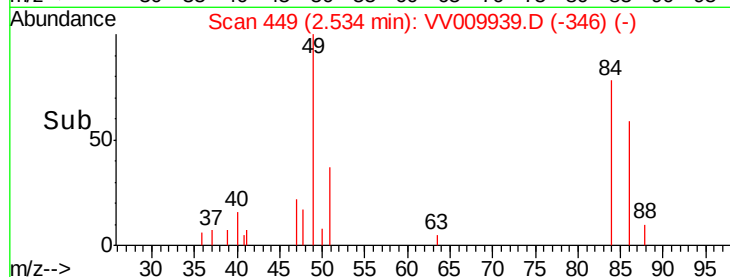
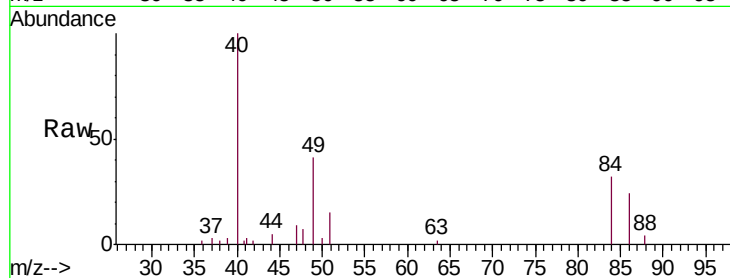
Tgt Ion: 84 Resp: 3562

Ion Ratio Lower Upper

84 100

49 127.5 90.4 167.8

86 75.1 44.0 81.6



#25

Chloroform

Concen: 7.580 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

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Tgt Ion: 83 Resp: 22826

Ion Ratio Lower Upper

83 100

85 64.0 46.1 85.7

