

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009901.D
 Acq On : 26 Mar 2019 18:36
 Operator : SY/MD
 Sample : K2083-17
 Misc : 6.30G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0J4

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 5:42:51 PM

Quant Time: Mar 27 04:19:58 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M

Quant Title : VOC Analysis

QLast Update : Wed Mar 27 01:42:27 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	156792	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	157498	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84129	26.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.76%
7) Chloroethane-d5	1.58	69	89900	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.64%
10) 1,1-Dichloroethene-d2	2.13	63	180132	20.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.80%
20) 2-Butanone-d5	3.93	46	24247	40.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.80%
24) Chloroform-d	4.40	84	102633	25.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.76%
26) 1,2-Dichloroethane-d4	5.08	65	63471	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.60%
29) Benzene-d6	5.10	84	232121	28.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	112.24%
33) 1,2-Dichloropropane-d6	6.12	67	68345	28.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.96%
37) Toluene-d8	7.36	98	214180	27.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.44%
38) trans-1,3-Dichloropropene-	7.66	79	23359	23.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.40%
39) 2-Hexanone-d5	8.13	63	16894	37.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52868	22.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	70041	26.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.68%

Target Compounds					Qvalue
16) Methylene chloride	2.54	84	4150m	1.607 ug/L	
22) cis-1,2-Dichloroethene	3.96	96	5888	2.596 ug/L	87

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

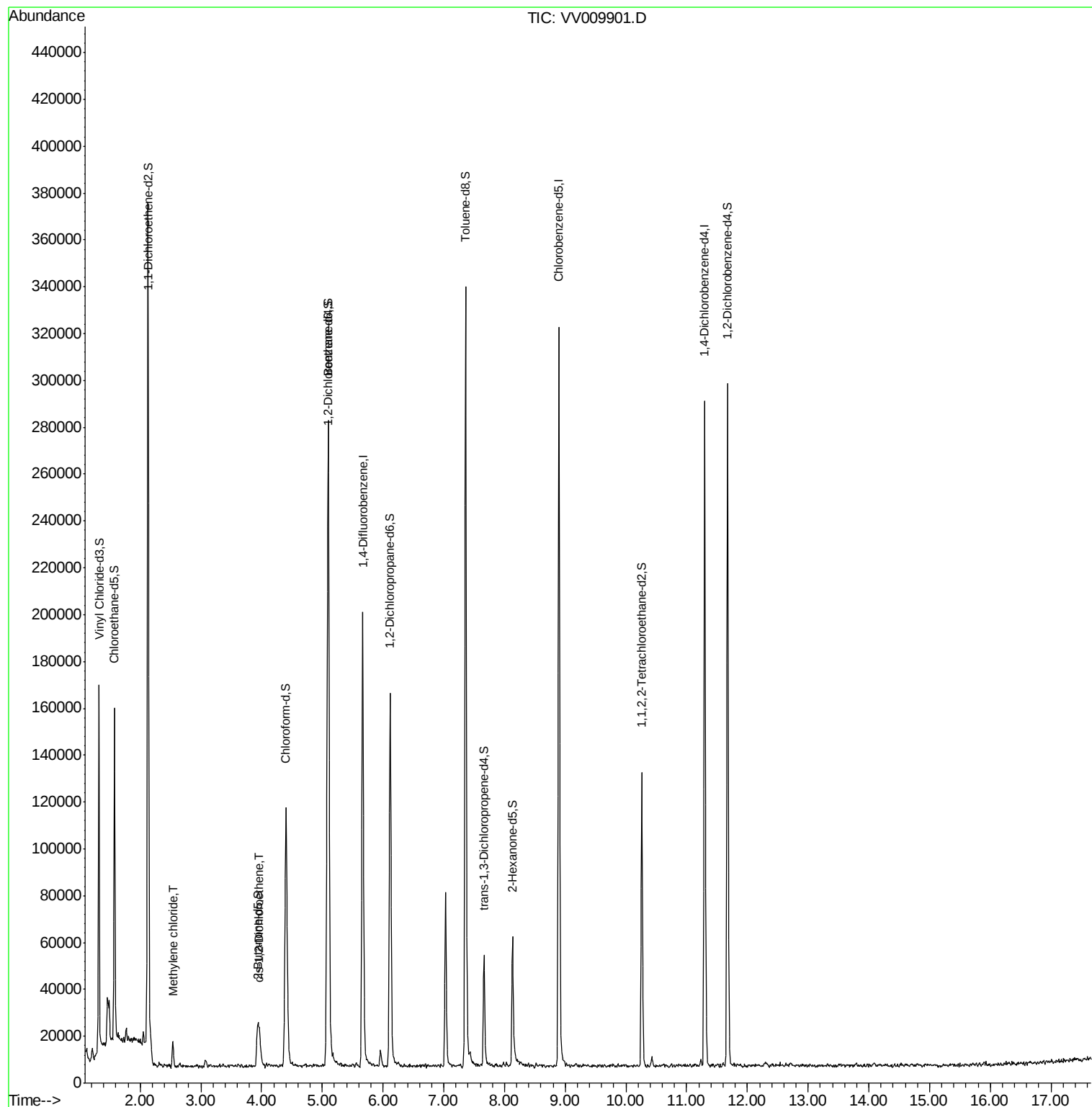
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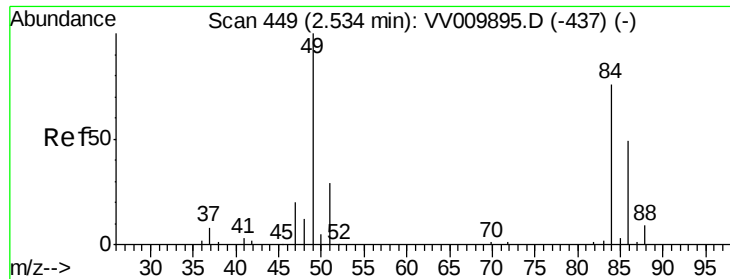
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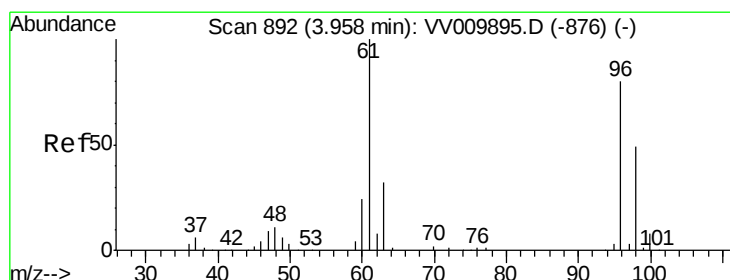
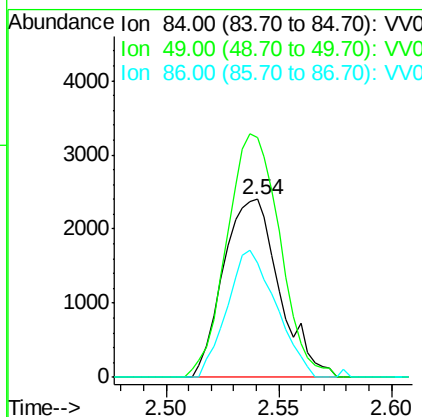
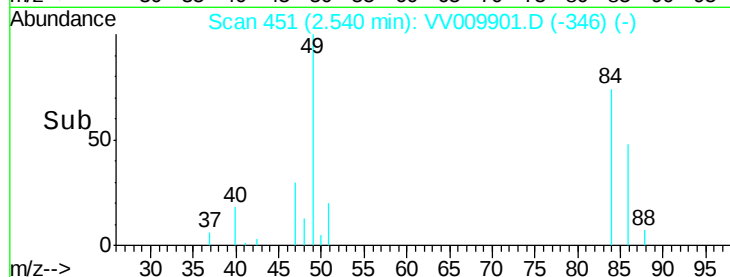
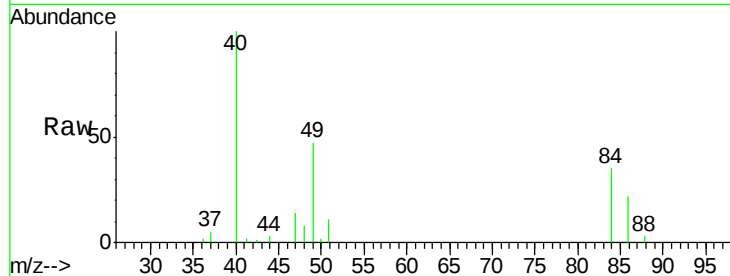
#16
Methylene chloride
Concen: 1.607 ug/L m
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009901.D
Acq: 26 Mar 2019 18:36

Instrument :
MSVOA_V
ClientSampleId :
BF0J4

Tgt Ion: 84 Resp: 4150
Ion Ratio Lower Upper
84 100
49 134.6 90.4 167.8
86 64.4 44.0 81.6

Manual Integrations
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#22
cis-1,2-Dichloroethene
Concen: 2.596 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009901.D
Acq: 26 Mar 2019 18:36

Tgt Ion: 96 Resp: 5888
Ion Ratio Lower Upper
96 100
61 113.0 91.4 169.8
98 62.4 48.0 89.2

