

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009898.D
 Acq On : 26 Mar 2019 17:18
 Operator : SY/MD
 Sample : K2083-12
 Misc : 6.32G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0H9

Manual Integrations
 APPROVED

MMDadoda
 3/27/2019 5:42:46 PM

Quant Time: Mar 27 04:18:57 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	169855	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168244	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69354	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83417	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	90120	24.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.84%
10) 1,1-Dichloroethene-d2	2.13	63	182251	19.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.32%
20) 2-Butanone-d5	3.93	46	27127	42.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.46%
24) Chloroform-d	4.40	84	101020	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	5.08	65	63560	24.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.64%
29) Benzene-d6	5.10	84	230239	26.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.24%
33) 1,2-Dichloropropane-d6	6.12	67	66528	25.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.96%
37) Toluene-d8	7.36	98	209231	25.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.08%
38) trans-1,3-Dichloropropene-	7.66	79	22119	20.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.68%
39) 2-Hexanone-d5	8.13	63	20542	42.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.16%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52241	20.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	67400	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	3395	1.214 ug/L	92
35) Trichloroethene	5.96	95	7381m	3.029 ug/L	

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

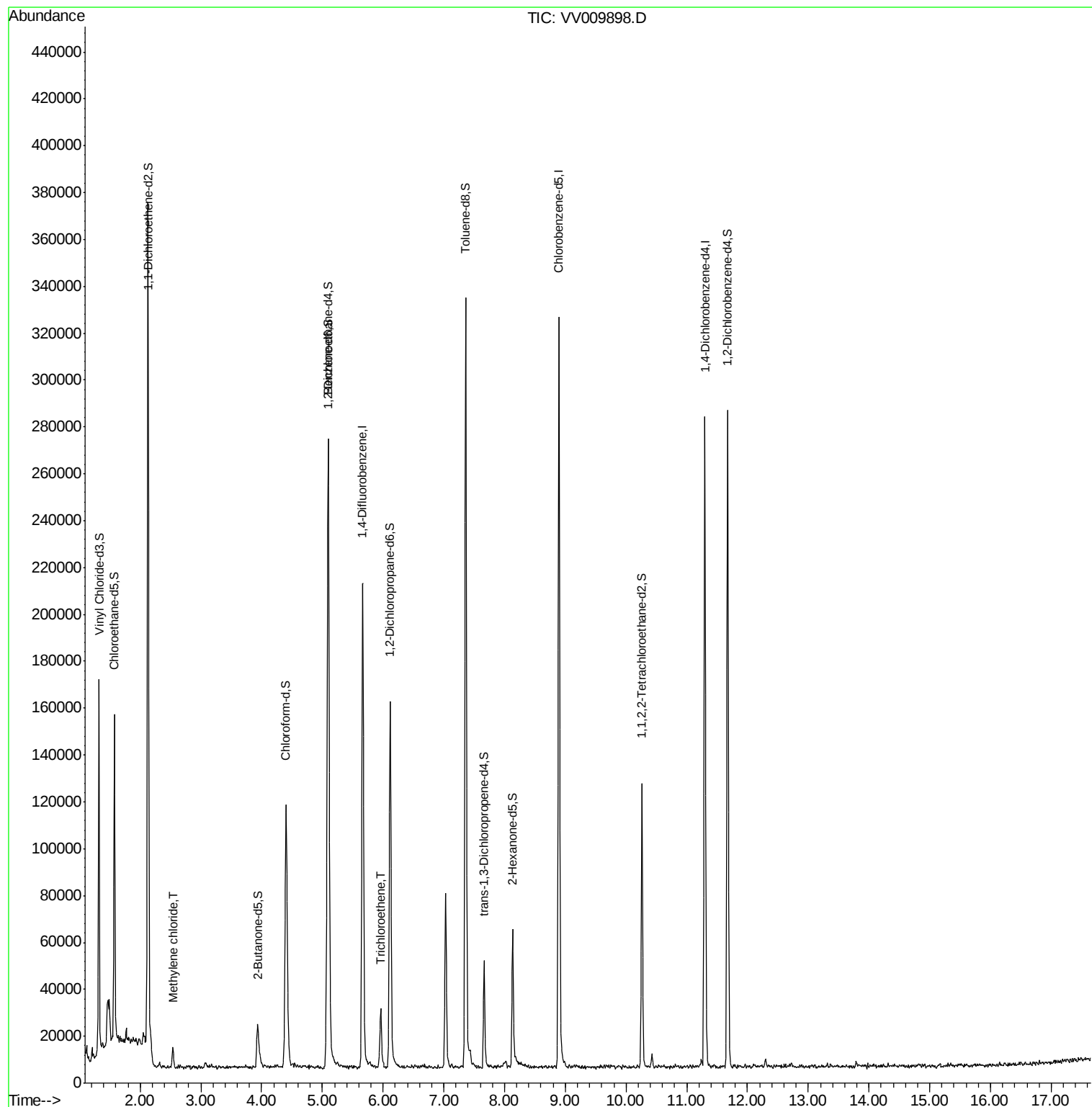
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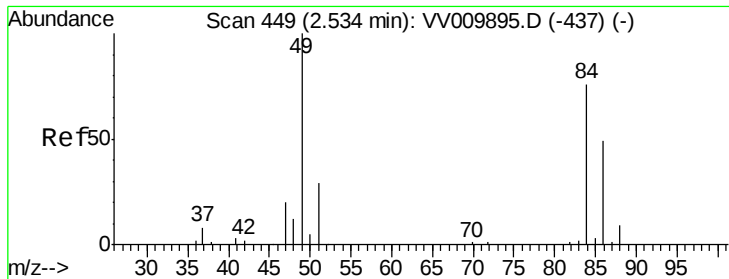
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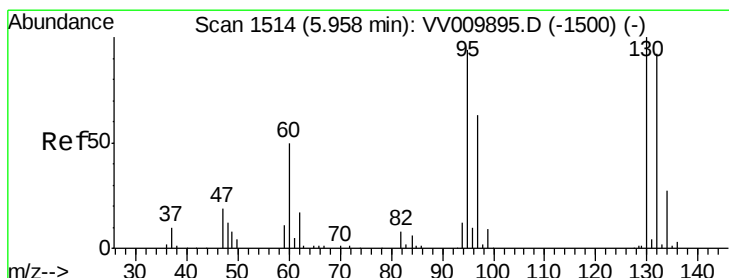
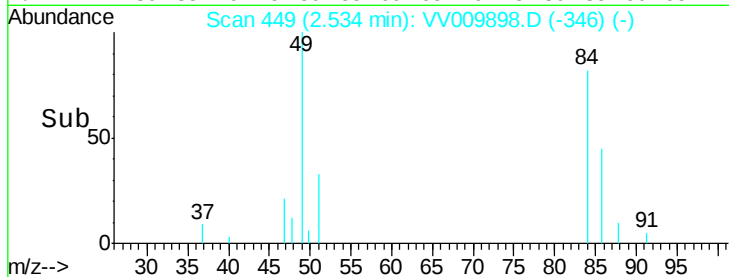
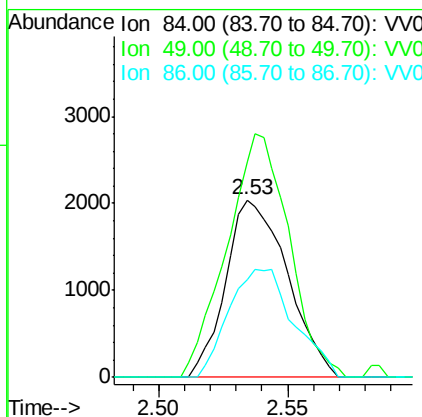
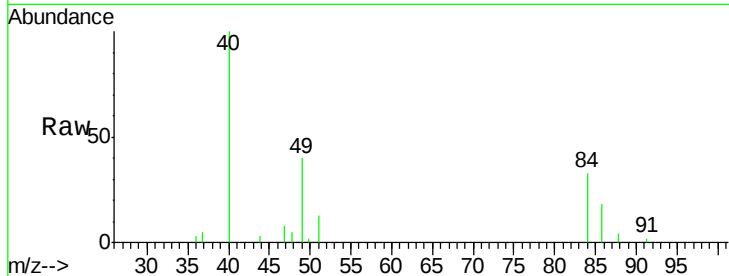
#16
Methylene chloride
Concen: 1.214 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009898.D
Acq: 26 Mar 2019 17:18

Instrument :
MSVOA_V
ClientSampled :
BF0H9

Tgt Ion: 84 Resp: 3395
Ion Ratio Lower Upper
84 100
49 121.7 90.4 167.8
86 55.0 44.0 81.6

Manual Integrations
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#35
Trichloroethene
Concen: 3.029 ug/L m
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV009898.D
Acq: 26 Mar 2019 17:18

Tgt Ion: 95 Resp: 7381
Ion Ratio Lower Upper
95 100
97 64.4 46.3 85.9
132 104.0 69.3 128.7
130 104.9 69.5 129.1

