

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009357.D
 Acq On : 22 Mar 2019 19:10
 Operator : SY/VA
 Sample : K2048-22
 Misc : 5.05G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0G4

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:29:38 AM

Quant Time: Mar 23 01:21:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 00:14:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	401635	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	375466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157672	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	99187	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
7) Chloroethane-d5	2.90	69	103503	18.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.72%
10) 1,1-Dichloroethene-d2	4.01	63	154619	14.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.64%
20) 2-Butanone-d5	7.08	46	75394	37.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.96%
24) Chloroform-d	7.64	84	237040	21.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.52%
26) 1,2-Dichloroethane-d4	8.31	65	142531m	21.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.36%
29) Benzene-d6	8.27	84	422585	20.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.64%
33) 1,2-Dichloropropane-d6	9.27	67	136027	21.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.48%
37) Toluene-d8	10.32	98	369650	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.24%
38) trans-1,3-Dichloropropene-	10.58	79	58639	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.08%
39) 2-Hexanone-d5	10.93	63	57145	37.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128783	21.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	129987	21.50	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.00%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	11671m	1.993	ug/L
22) cis-1,2-Dichloroethene	7.17	96	13886	2.465	ug/L

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

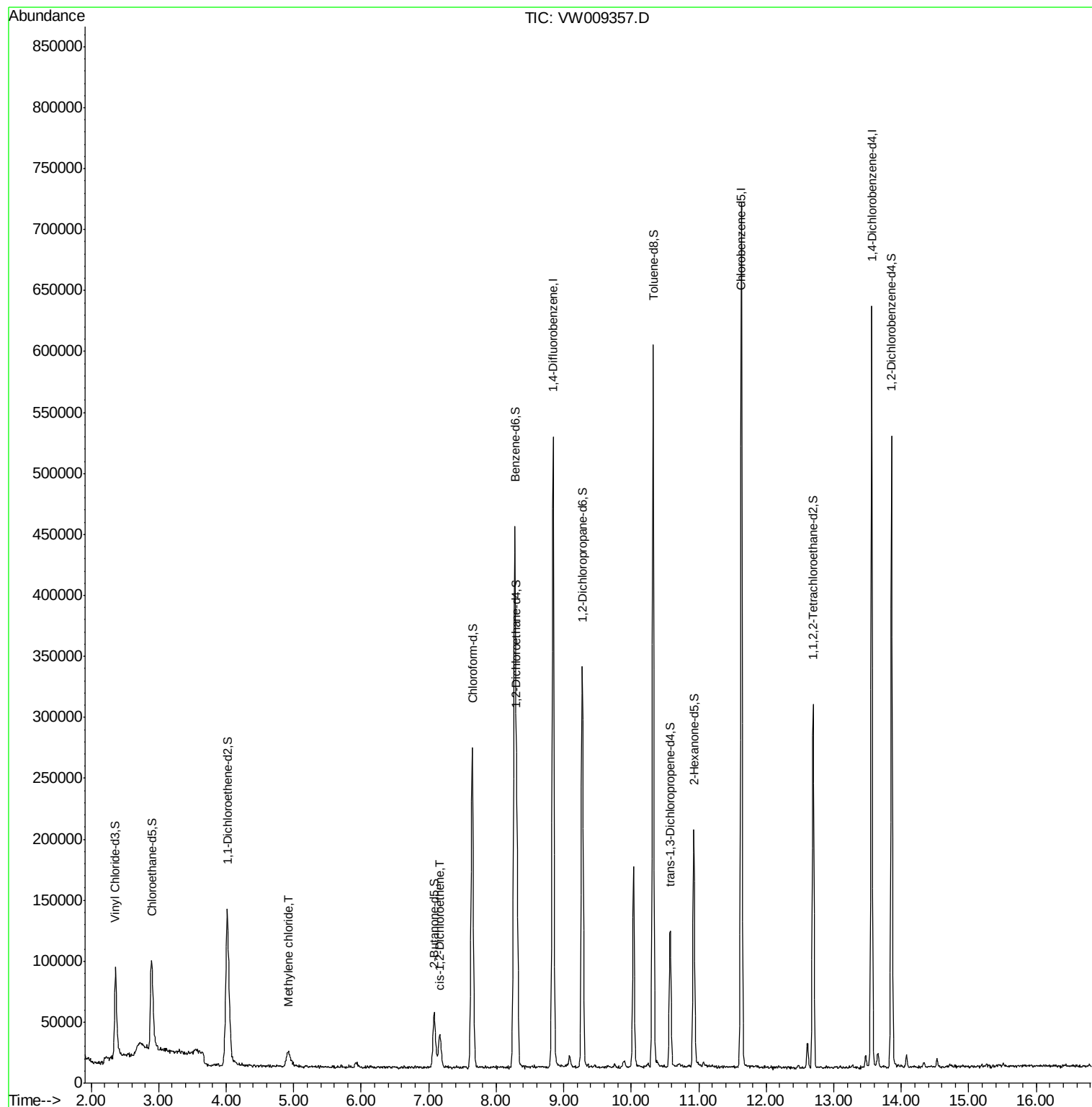
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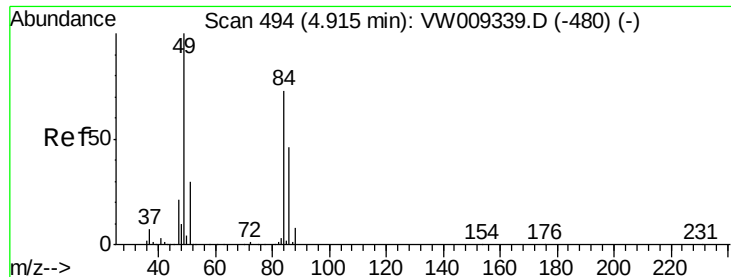
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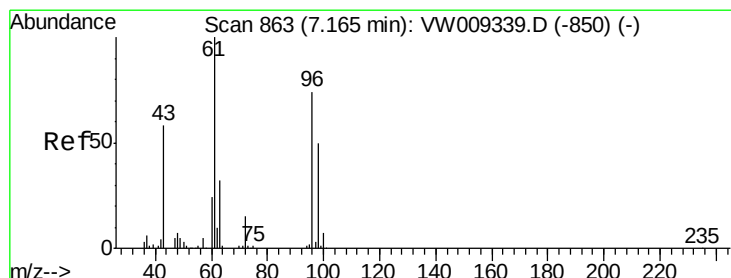
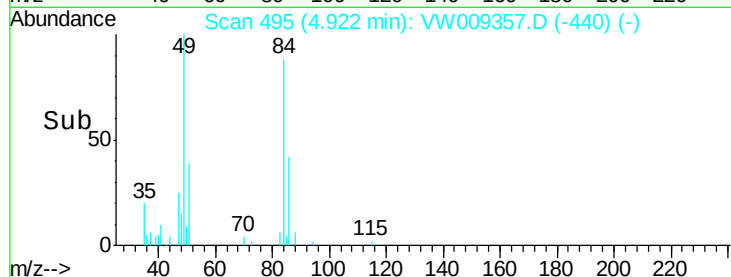
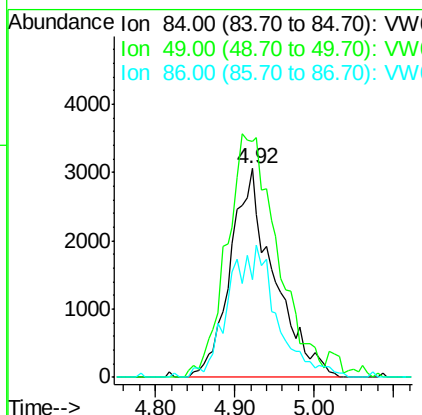
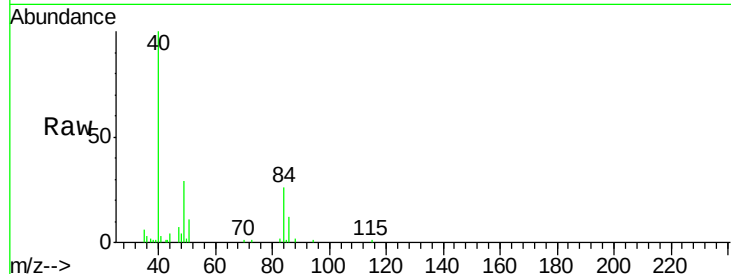
#16
Methylene chloride
Concen: 1.993 ug/L m
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009357.D
Acq: 22 Mar 2019 19:10

Instrument :
MSVOA_W
ClientSampleId :
BF0G4

Tot Ion	84	Resp	11671
Ion	Ratio	Lower	Upper
84	100		
49	113.0	96.0	178.2
86	46.9	44.4	82.5

Manual Integrations
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#22
cis-1,2-Dichloroethene
Concen: 2.465 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009357.D
Acq: 22 Mar 2019 19:10

Tgt Ion	96	Resp	13886
Ion	Ratio	Lower	Upper
96	100		
61	133.9	90.6	168.3
98	63.9	44.0	81.8

