

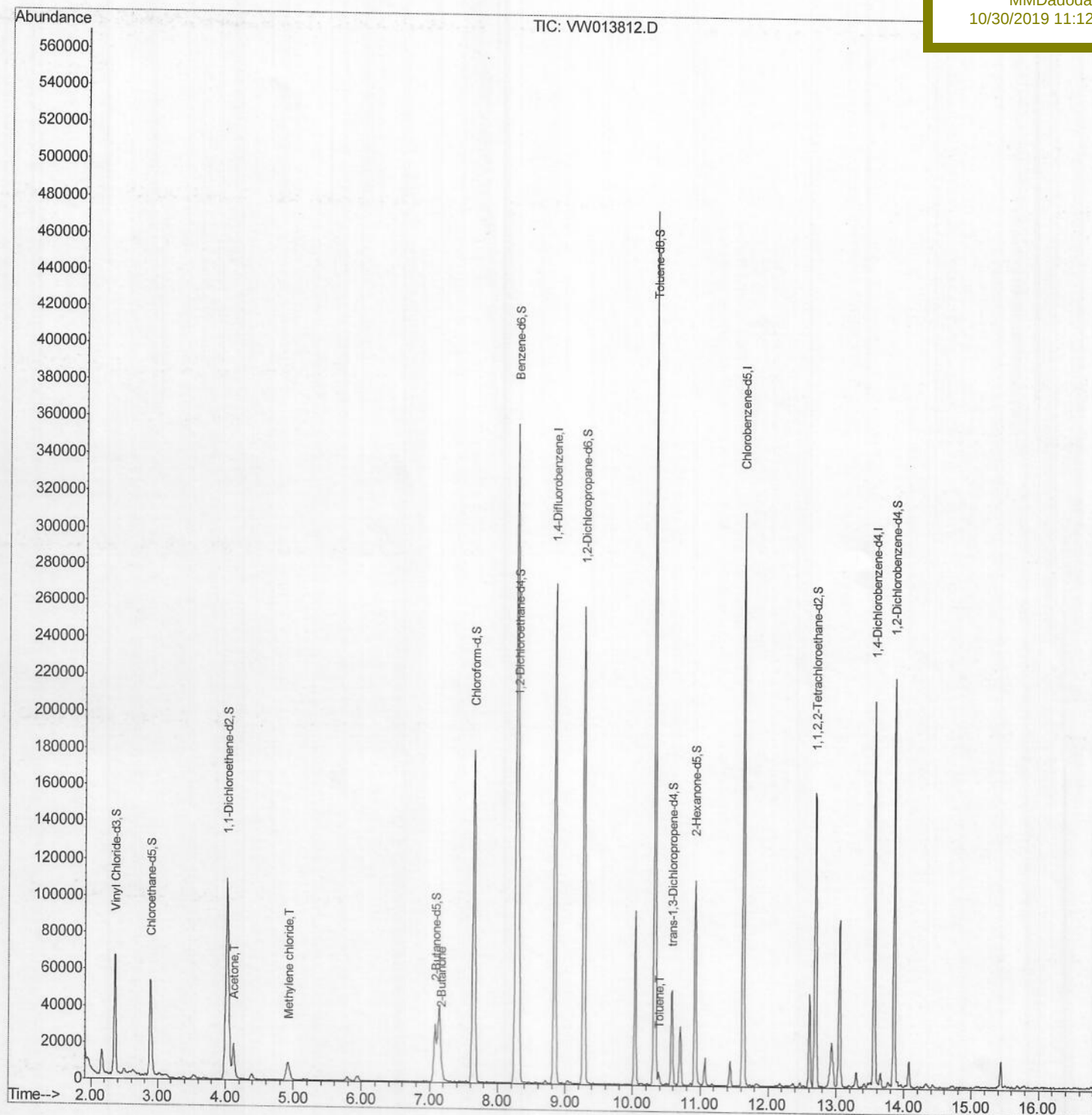
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
Data File : VW013812.D
Acq On : 30 Oct 2019 00:20
Operator : SY/VA
Sample : K5565-08
Misc : 4.78G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 30 08:47:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 08:16:17 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
Client Sampled :
JLNA7

Manual Integrations
APPROVED

MMDadoda
10/30/2019 11:12:22 AM



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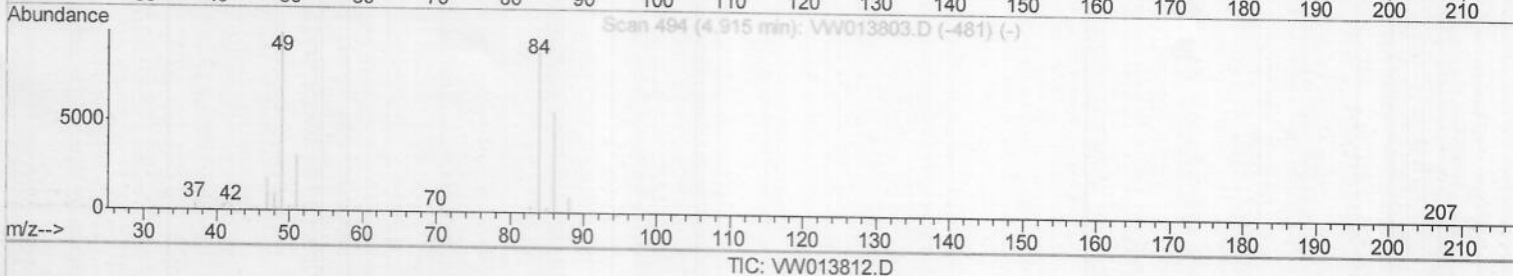
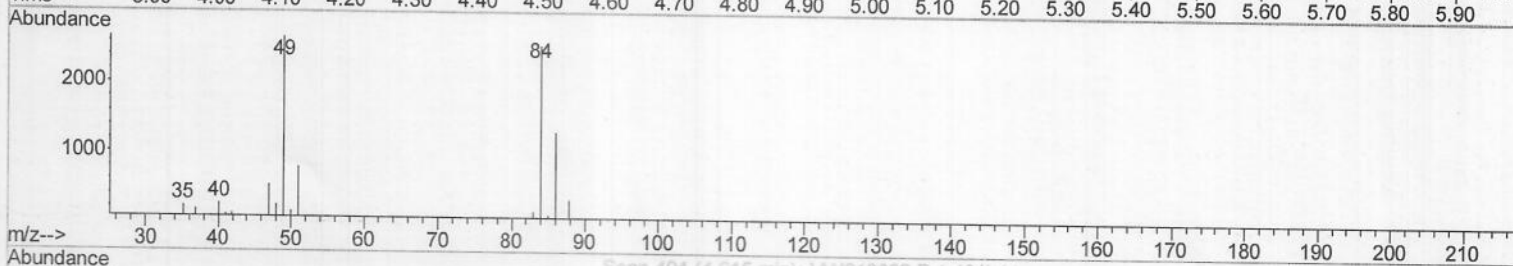
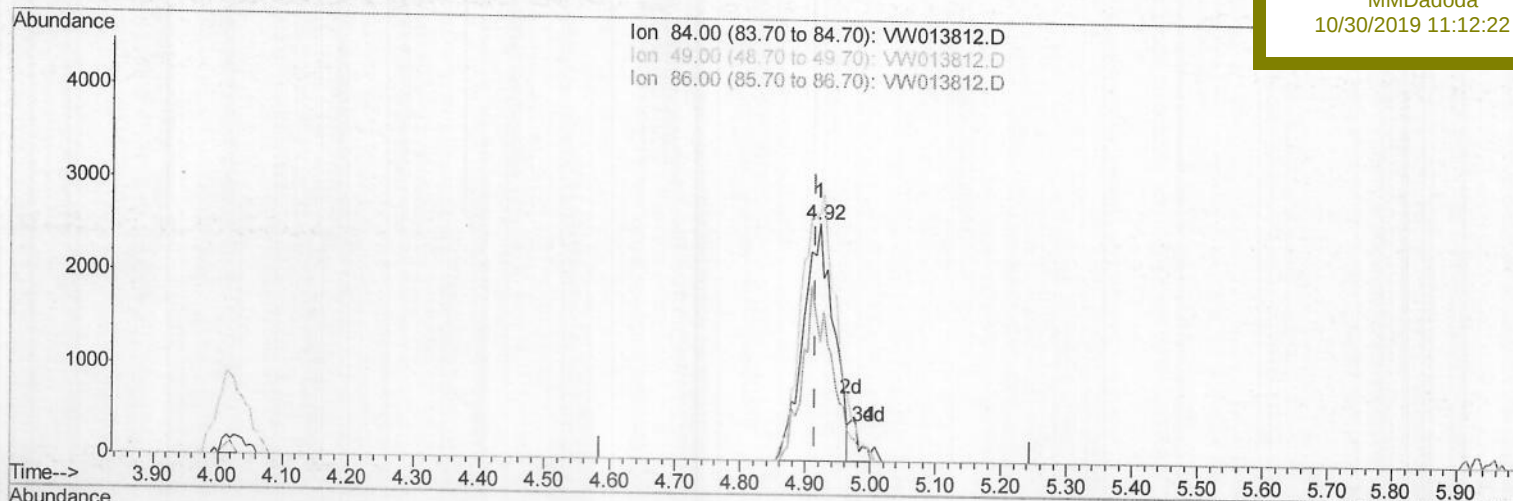
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Manual Integrations
APPROVEDMMDadoda
10/30/2019 11:12:22 AM

(16) Methylene chloride (T)

4.922min (+0.006) 1.82ug/L

response 8414

Ion	Exp%	Act%
84.00	100	100
49.00	114.50	103.98
86.00	61.00	50.97
0.00	0.00	0.00

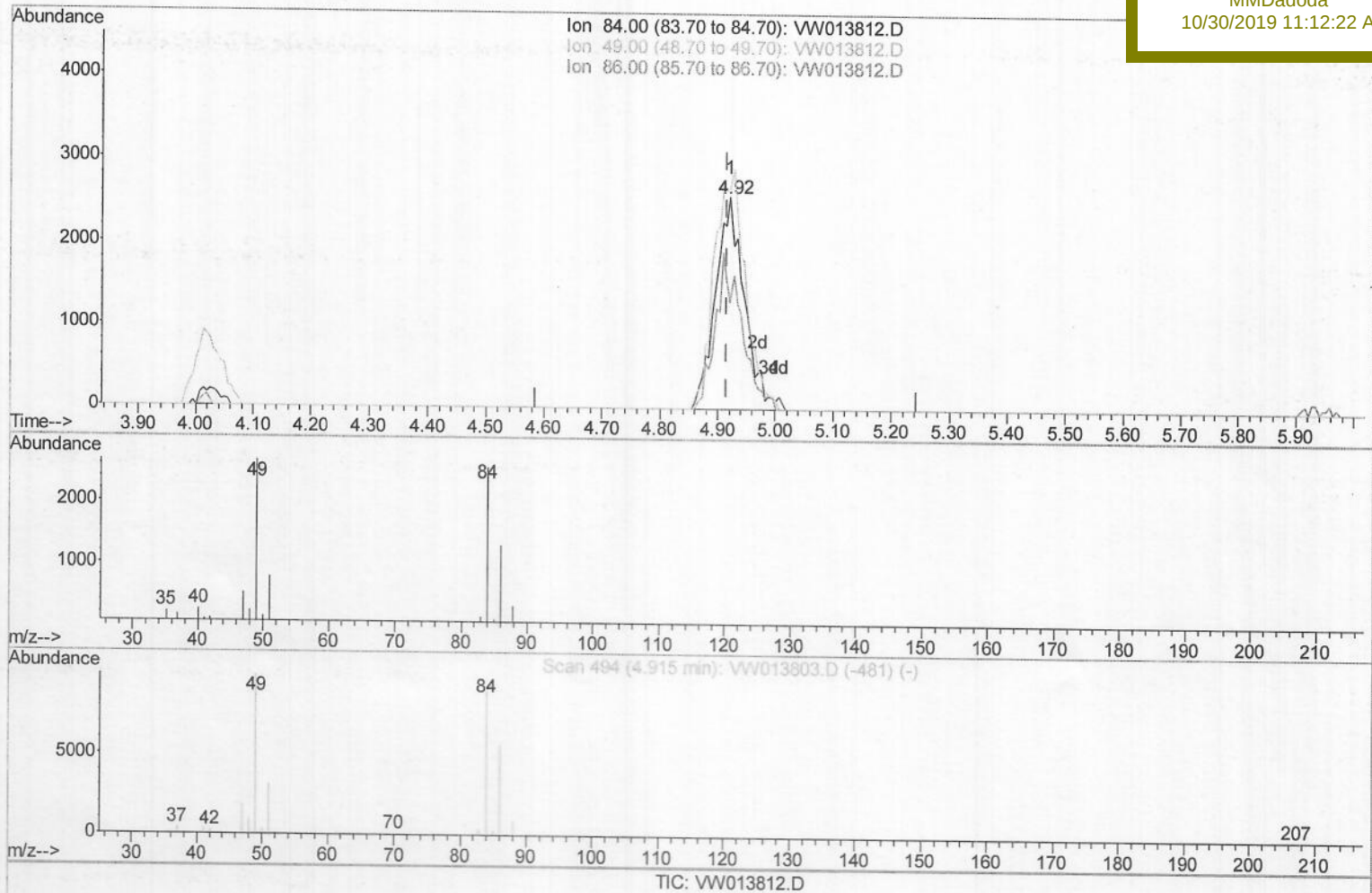
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Manual Integrations
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 10/30/2019 11:12:22 AM



(16) Methylene chloride (T)

4.922min (+0.006) 1.96ug/L m

response 9015

Ion	Exp%	Act%
84.00	100	100
49.00	114.50	103.98
86.00	61.00	50.97
0.00	0.00	0.00

MO 11/07/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	240795	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	186247	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	62778	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	72123	24.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.64%
7) Chloroethane-d5	2.89	69	71268	25.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.36%
10) 1,1-Dichloroethene-d2	4.02	63	118637	18.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.72%
20) 2-Butanone-d5	7.07	46	54174	51.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.54%
24) Chloroform-d	7.65	84	193069	28.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.60%
26) 1,2-Dichloroethane-d4	8.31	65	92676	26.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.20%
29) Benzene-d6	8.27	84	388924	34.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	139.04%#
33) 1,2-Dichloropropane-d6	9.27	67	123152	36.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	147.40%#
37) Toluene-d8	10.32	98	312516	30.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.12%
38) trans-1,3-Dichloropropene-	10.58	79	30214	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.16%
39) 2-Hexanone-d5	10.93	63	39356	61.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	81157	29.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	64089	28.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.56%

Target Compounds

					Qvalue
13) Acetone	4.12	43	31563	26.913 ug/L	96
16) Methylene chloride	4.92	84	9015m	1.955 ug/L	96
21) 2-Butanone	7.17	43	12598	8.460 ug/L	92
44) Toluene	10.39	91	4827	0.336 ug/L	91

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