

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\

Data File : VW016217.D

Acq On : 17 Aug 2020 14:48

Operator : SY/VA

Sample : L3702-10

Misc : 6.28G/10ML/MSVOA W/SOIL

ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 18 04:09:12 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M

Quant Title : VOC Analysis

QLast Update : Tue Aug 18 03:20:41 2020

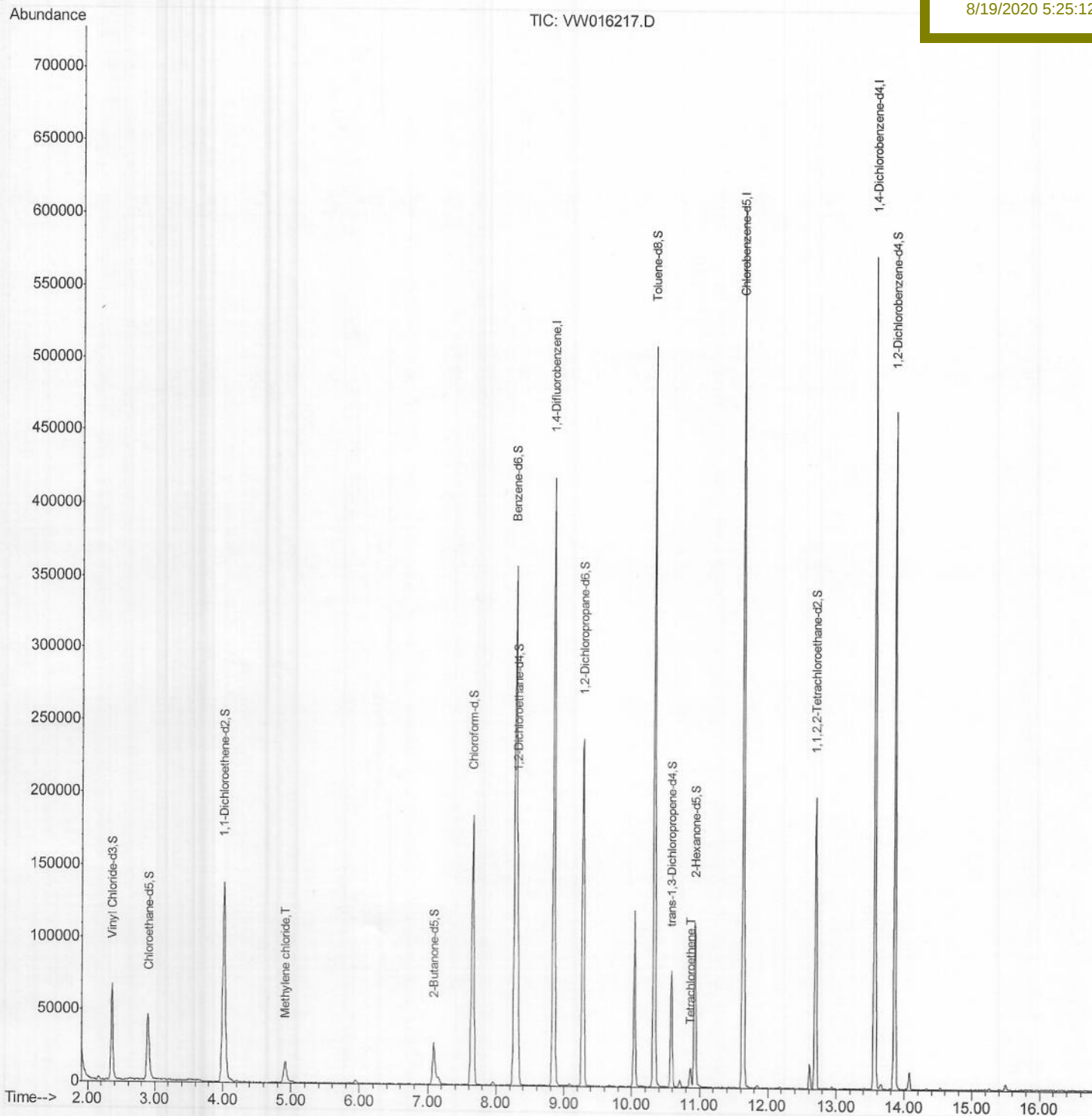
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

BFSP5

Manual Integrations
APPROVEDMMDadoda
8/19/2020 5:25:12 PM

SOM2WLM081020S.M Tue Aug 18 04:08:30 2020

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	369073	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	341934	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146158	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82878	18.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.44%
7) Chloroethane-d5	2.90	69	65448	18.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.36%
10) 1,1-Dichloroethene-d2	4.01	63	141338	14.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.16%
20) 2-Butanone-d5	7.08	46	48834	40.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.12%
24) Chloroform-d	7.65	84	194136	19.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	8.31	65	100728m	19.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.60%
29) Benzene-d6	8.27	84	386082	20.76	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.04%
33) 1,2-Dichloropropane-d6	9.28	67	114729	20.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.88%
37) Toluene-d8	10.33	98	345871	20.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.08%
38) trans-1,3-Dichloropropene-	10.58	79	46543	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.72%
39) 2-Hexanone-d5	10.93	63	39532	41.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99361	22.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	127848	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

					Ovalue
16) Methylene chloride	4.91	84	11745	2.015 ug/L	93
47) Tetrachloroethene	10.87	164	3025	0.761 ug/L	86

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

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08/19/20

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Operator : SY/VA

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Quant Time: Aug 18 03:23:07 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M

Quant Title : VOC Analysis

QLast Update : Tue Aug 18 03:20:41 2020

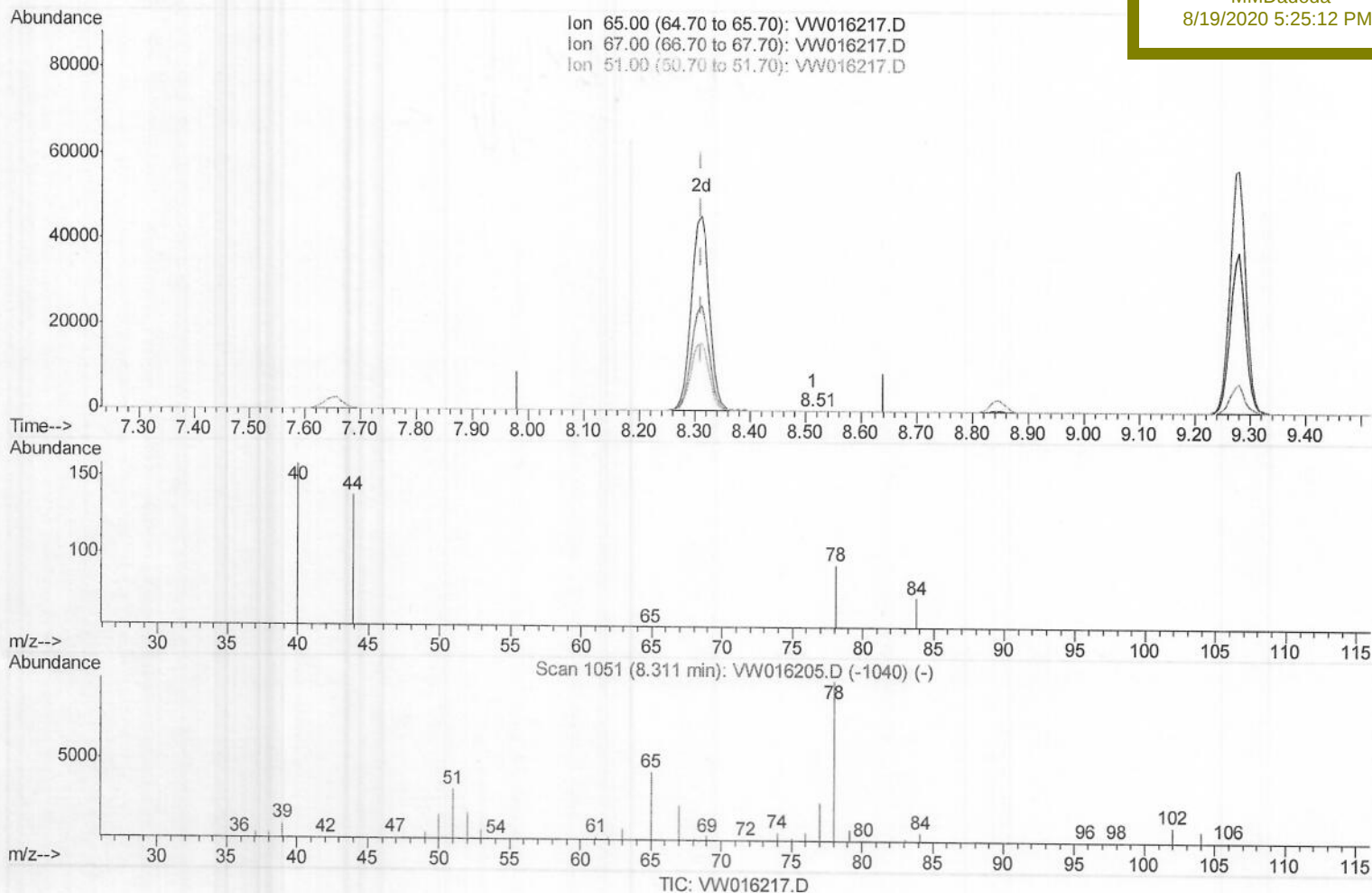
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APPROVEDMMDadoda
8/19/2020 5:25:12 PM

(26) 1,2-Dichloroethane-d4 (S)

8.512min (+0.201) 0.01ug/L

response 39

Ion	Exp%	Act%
65.00	100	100
67.00	52.90	64.10
51.00	98.70	115.38
0.00	0.00	0.00

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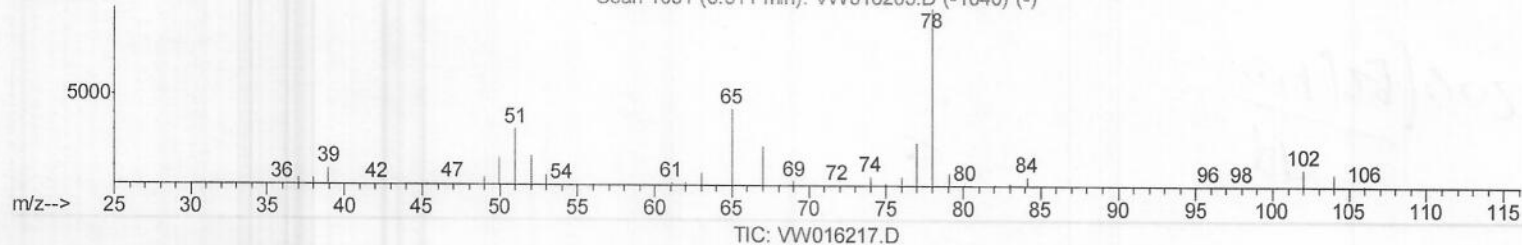
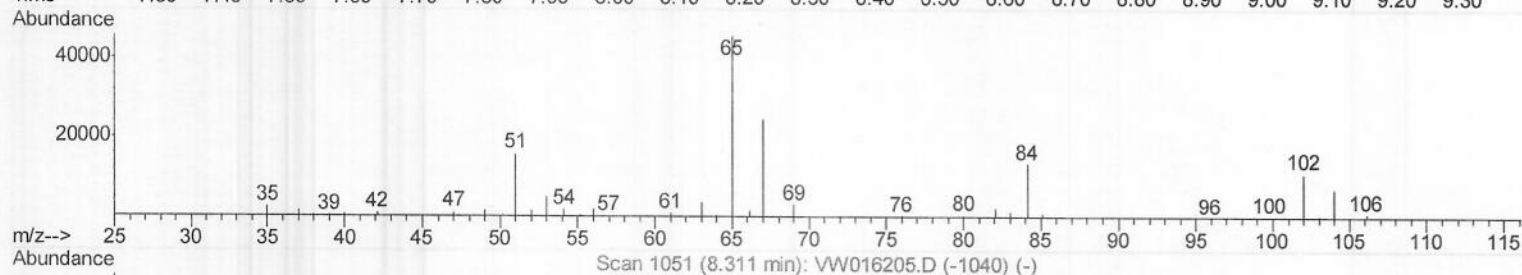
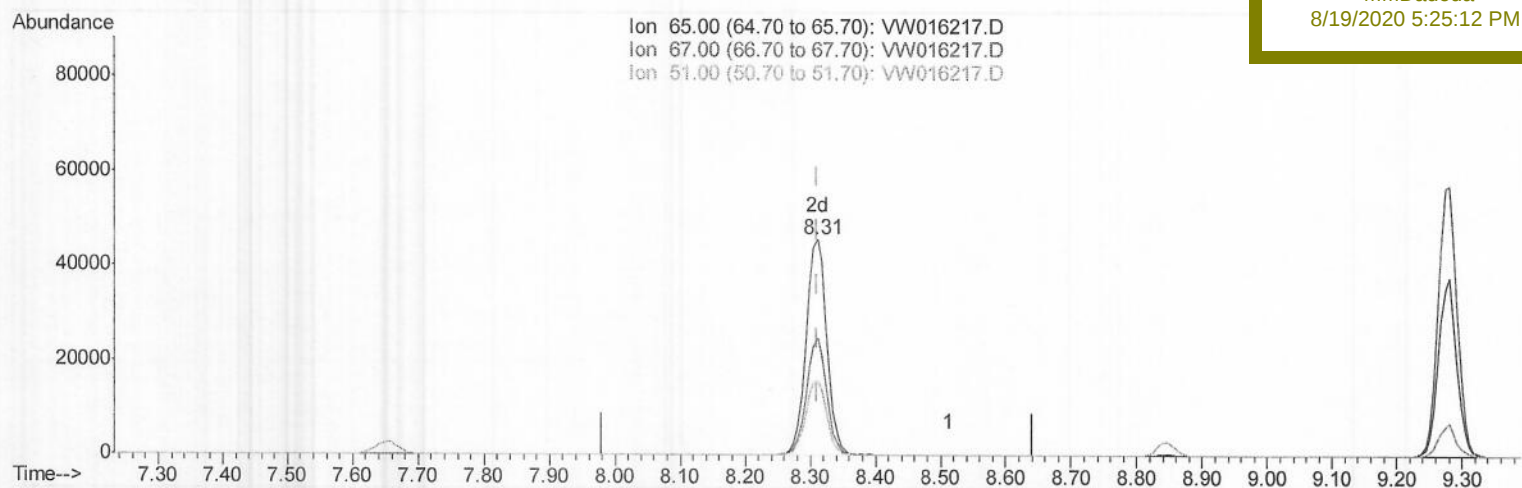
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APPROVEDMMDadoda
8/19/2020 5:25:12 PM

(26) 1,2-Dichloroethane-d4 (S)

8.311min (+0.000) 19.15ug/L m

response 100728

Ion	Exp%	Act%
65.00	100	100
67.00	52.90	0.02#
51.00	98.70	0.04#
0.00	0.00	0.00

MD
08/19/20