

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

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSP5

Manual Integrations
 APPROVED

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 8/19/2020 5:25:12 PM

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

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

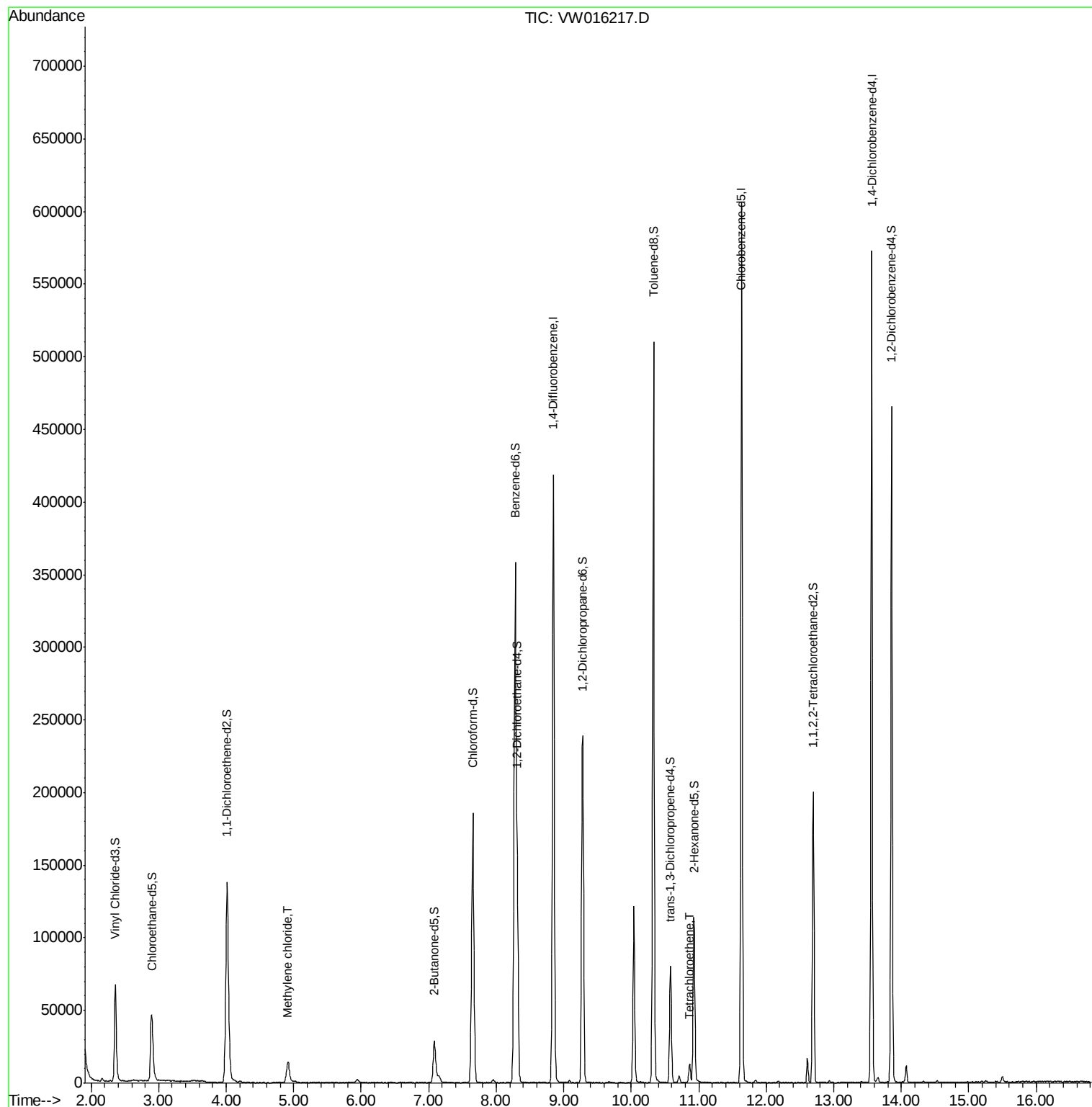
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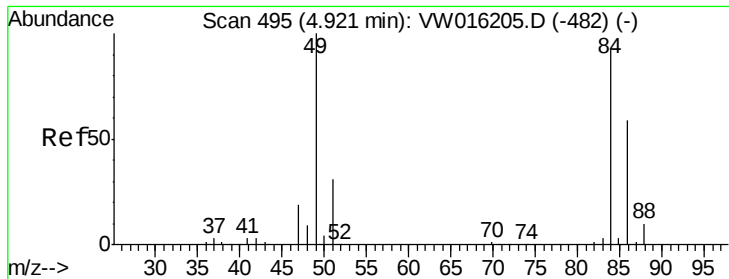
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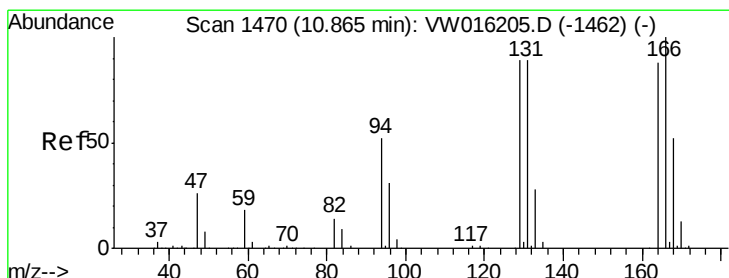
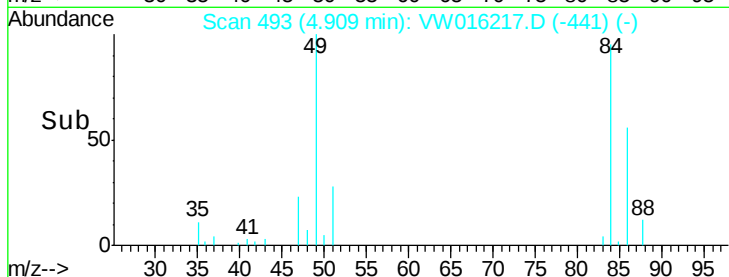
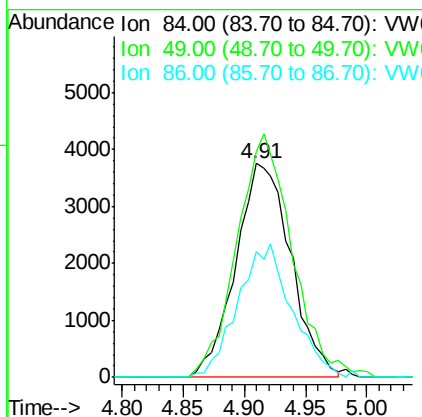
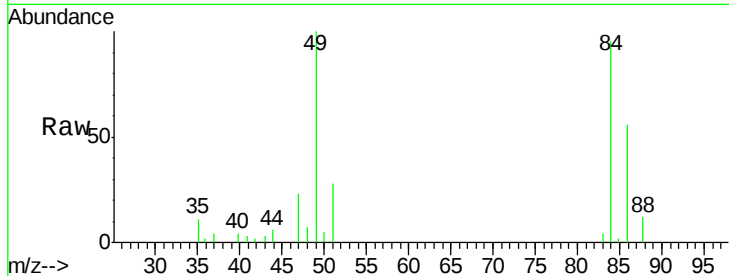
#16
Methylene chloride
Concen: 2.015 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016217.D
Acq: 17 Aug 2020 14:48

Instrument :
MSVOA_W
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BFSP5

Tot Ion	Ratio	Lower	Upper
84	100		
49	105.3	80.4	149.4
86	58.7	43.8	81.3

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#47
Tetrachloroethene
Concen: 0.761 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016217.D
Acq: 17 Aug 2020 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
129	81.9	71.5	132.9
131	79.3	65.4	121.4
166	113.7	86.9	161.5

