

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016223.D
 Acq On : 17 Aug 2020 17:10
 Operator : SY/VA
 Sample : L3702-16
 Misc : 5.65G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWQ0

Manual Integrations
 APPROVED

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8/19/2020 5:25:15 PM

Quant Time: Aug 18 04:31:26 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	429912	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385208	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168162	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92413	17.34	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.36%
7) Chloroethane-d5	2.90	69	74279	18.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.44%
10) 1,1-Dichloroethene-d2	4.01	63	160718	14.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.80%
20) 2-Butanone-d5	7.08	46	46635	33.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.50%
24) Chloroform-d	7.65	84	232063	20.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.44%
26) 1,2-Dichloroethane-d4	8.31	65	113221	18.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.92%
29) Benzene-d6	8.28	84	458179	21.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.44%
33) 1,2-Dichloropropane-d6	9.28	67	132935	21.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.28%
37) Toluene-d8	10.33	98	412575	21.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.88%
38) trans-1,3-Dichloropropene-	10.58	79	53694	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.56%
39) 2-Hexanone-d5	10.93	63	38458	36.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103002	20.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	142748	23.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.91	84	20065m	2.956	ug/L	
47) Tetrachloroethene	10.87	164	5099	1.139	ug/L	92

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

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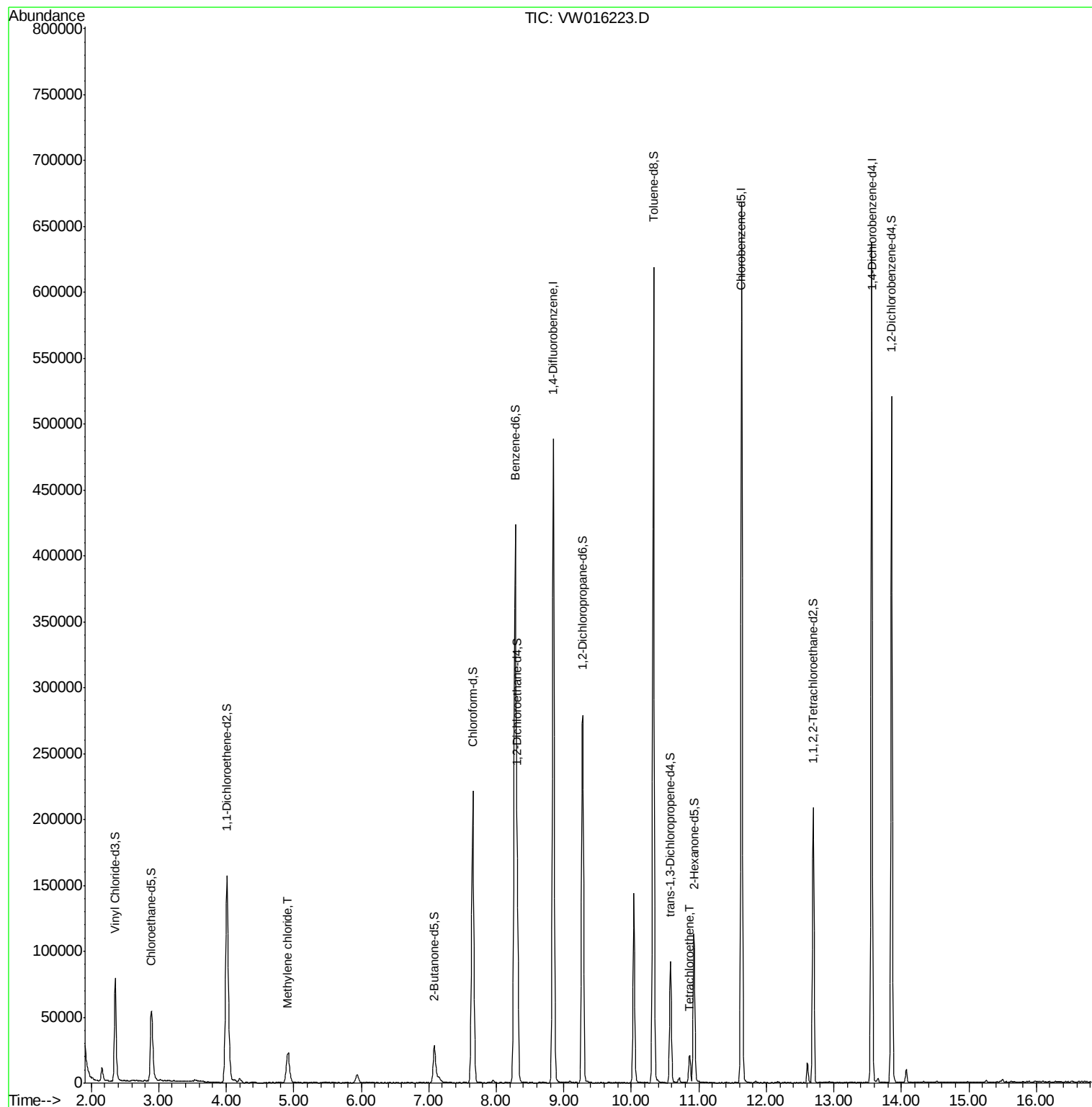
Instrument :
MSVOA_W
ClientSampleId :
BFWQ0

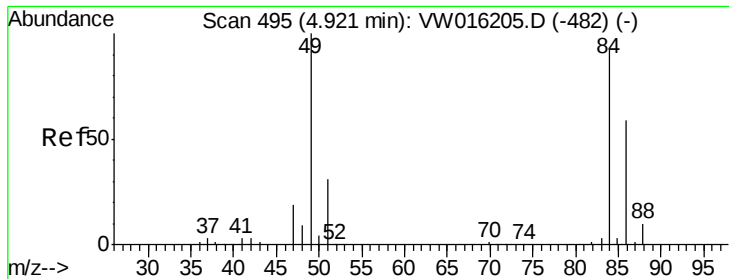
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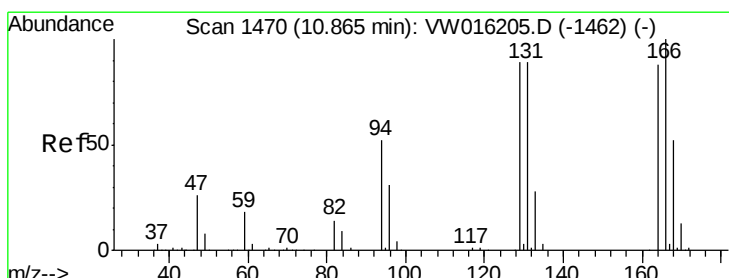
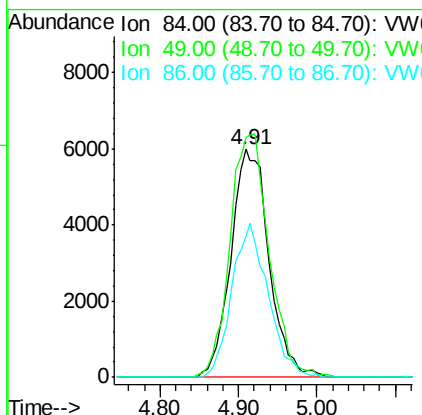
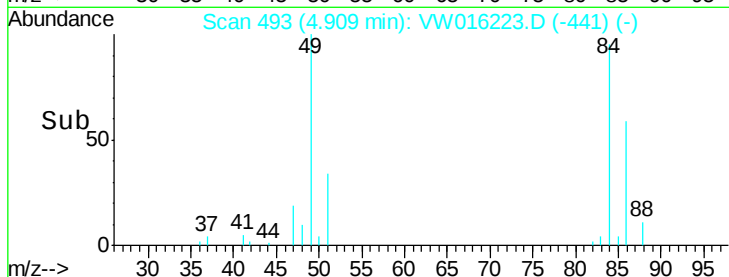
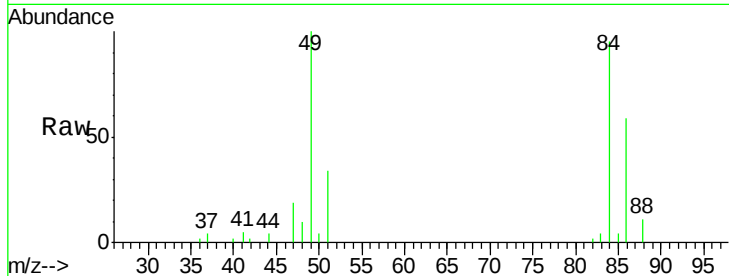
#16
Methylene chloride
Concen: 2.956 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016223.D
Acq: 17 Aug 2020 17:10

Instrument :
MSVOA_W
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BFWQ0

Tot Ion:	84	Resp:	20065
Ion Ratio	Lower	Upper	
84	100		
49	105.1	80.4	149.4
86	61.9	43.8	81.3

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#47
Tetrachloroethene
Concen: 1.139 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016223.D
Acq: 17 Aug 2020 17:10

Tgt Ion:	164	Resp:	5099
Ion Ratio	Lower	Upper	
164	100		
129	96.9	71.5	132.9
131	85.3	65.4	121.4
166	136.6	86.9	161.5

