

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102920\
 Data File : VW017026.D
 Acq On : 29 Oct 2020 15:27
 Operator : SY/VA
 Sample : L4543-05
 Misc : 5.71G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG446

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 11:31:09 AM

Quant Time: Oct 30 01:42:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 30 01:03:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	34398	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	27012	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	5955	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	12104	30.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.96%
7) Chloroethane-d5	2.90	69	10182	33.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.40%
10) 1,1-Dichloroethene-d2	4.03	63	15830	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.00%
20) 2-Butanone-d5	7.09	46	2622m	35.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.12%
24) Chloroform-d	7.65	84	20806	26.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.88%
26) 1,2-Dichloroethane-d4	8.31	65	9487	25.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.64%
29) Benzene-d6	8.28	84	40685	29.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.28%
33) 1,2-Dichloropropane-d6	9.28	67	11178	29.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.40%
37) Toluene-d8	10.33	98	32618	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	10.59	79	3177	19.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.96%
39) 2-Hexanone-d5	10.93	63	1446	27.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.00%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	6141	21.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	5748	27.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.84%

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	1096m	2.410	ug/L
47) Tetrachloroethene	10.87	164	6363	16.738	ug/L

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

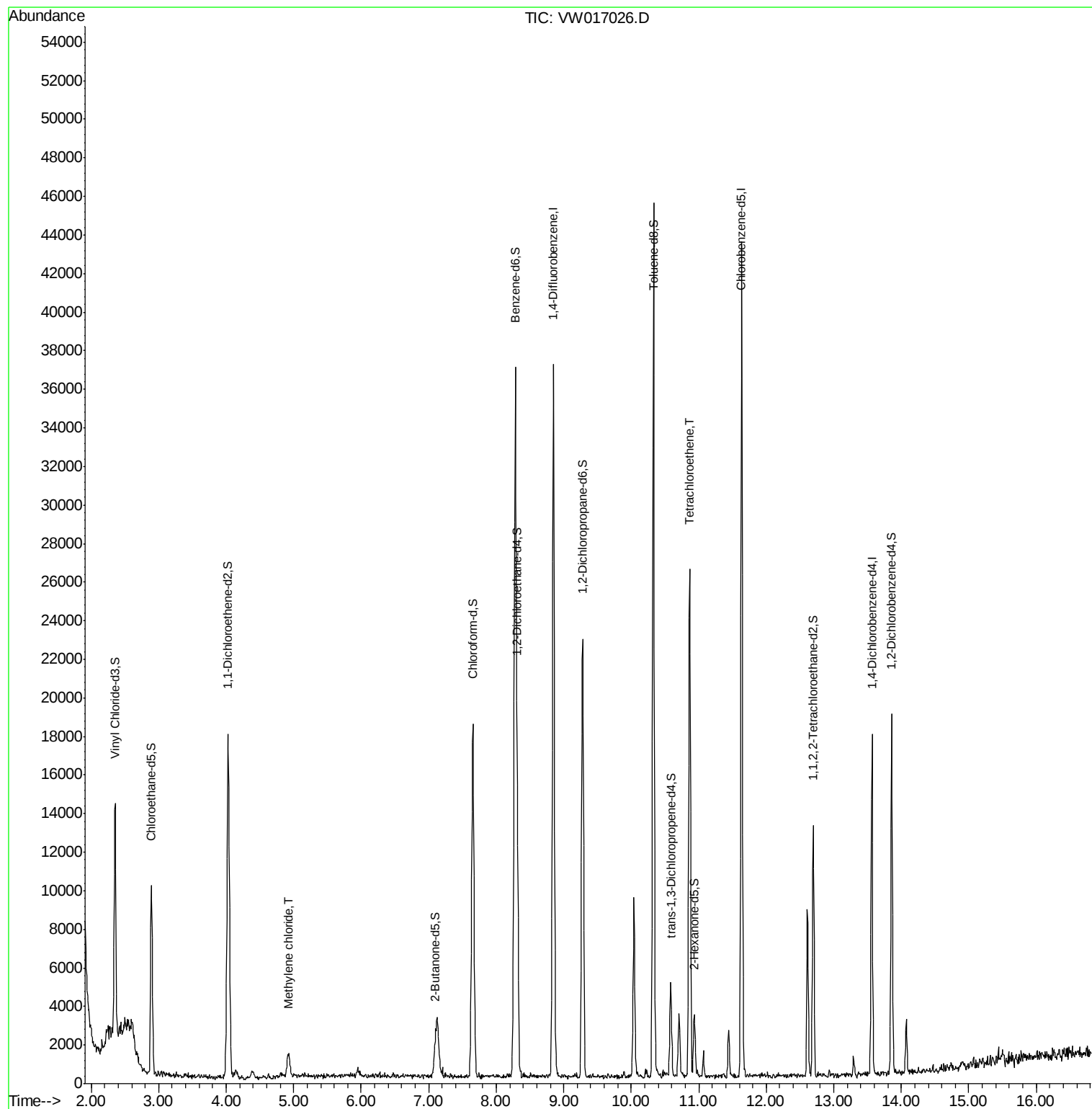
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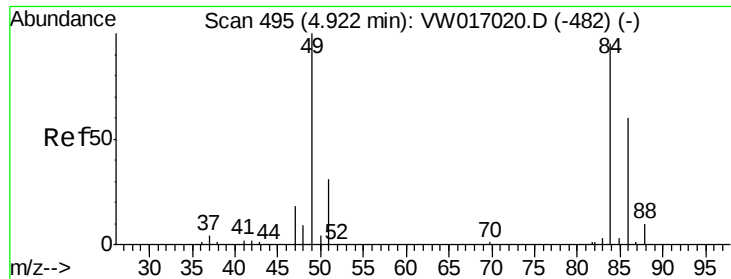
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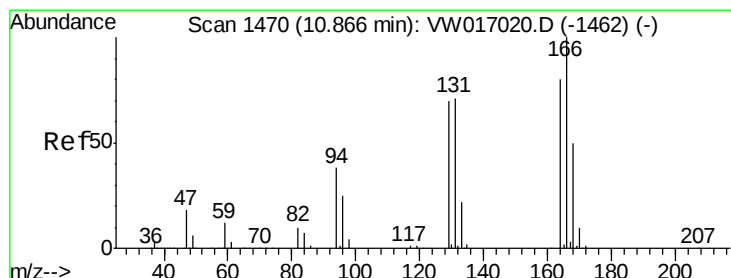
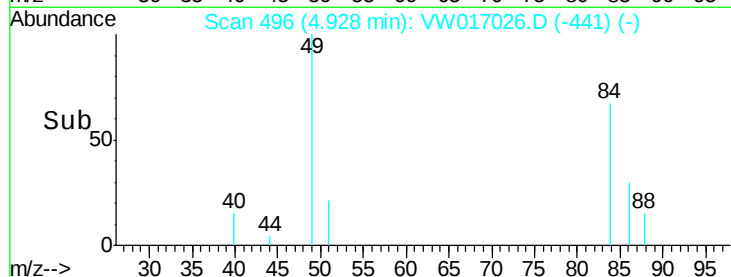
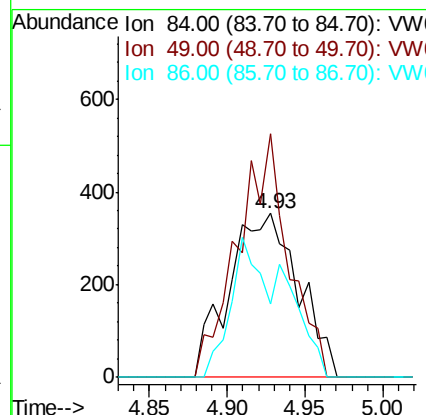
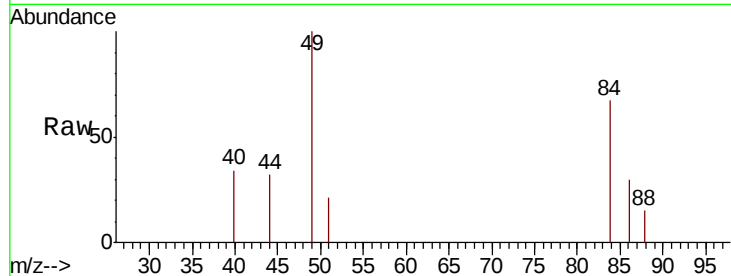
#16
Methylene chloride
Concen: 2.410 ug/L m
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017026.D
Acq: 29 Oct 2020 15:27

Instrument :
MSVOA_W
ClientSampled :
BG446

Tot Ion	Ratio	Lower	Upper
84	100		
49	148.6	73.8	137.0#
86	44.4	47.4	88.0#

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#47
Tetrachloroethene
Concen: 16.738 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW017026.D
Acq: 29 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
164	100		
129	98.4	64.0	119.0
131	90.0	61.7	114.5
166	129.3	94.6	175.8

