

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\
 Data File : VW016498.D
 Acq On : 09 Sep 2020 15:45
 Operator : SY/VA
 Sample : L3950-04
 Misc : 5.79G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWW0

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 5:17:52 PM

Quant Time: Sep 10 05:35:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM090320S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 10 05:09:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	735741	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	560841	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178532	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	192147	24.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.48%
7) Chloroethane-d5	2.90	69	174650	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
10) 1,1-Dichloroethene-d2	4.03	63	284389m	15.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.40%
20) 2-Butanone-d5	7.09	46	86266	30.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.88%
24) Chloroform-d	7.65	84	369586	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	8.31	65	199193m	21.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.56%
29) Benzene-d6	8.28	84	729431	25.58	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.32%
33) 1,2-Dichloropropane-d6	9.28	67	210567	25.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.56%
37) Toluene-d8	10.33	98	651732	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.20%
38) trans-1,3-Dichloropropene-	10.58	79	99248	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.92%
39) 2-Hexanone-d5	10.93	63	71622	41.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155543	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	151349	24.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.12%

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	22649	1.973 ug/L	85
47) Tetrachloroethene	10.87	164	256244	37.614 ug/L	97

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

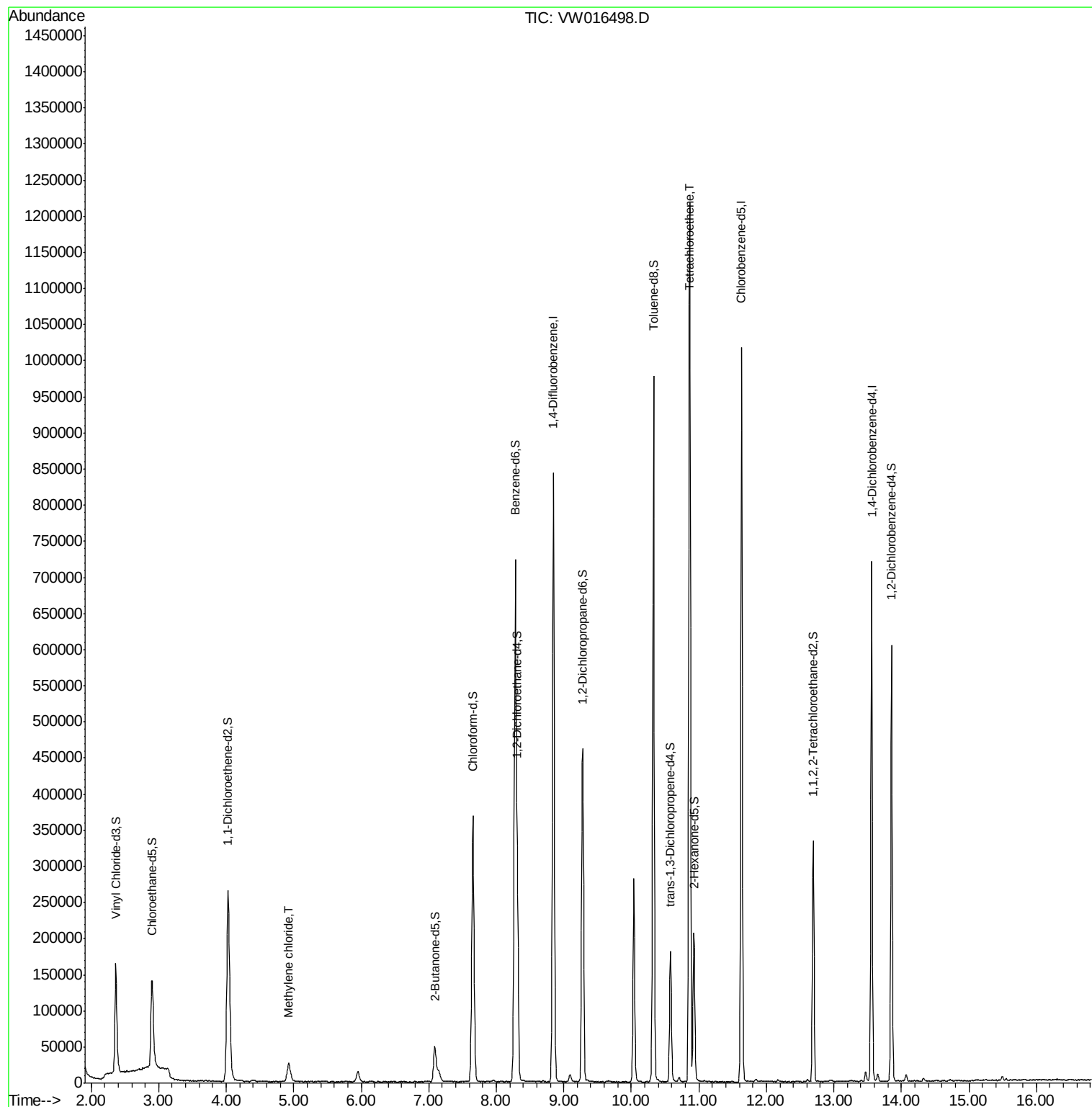
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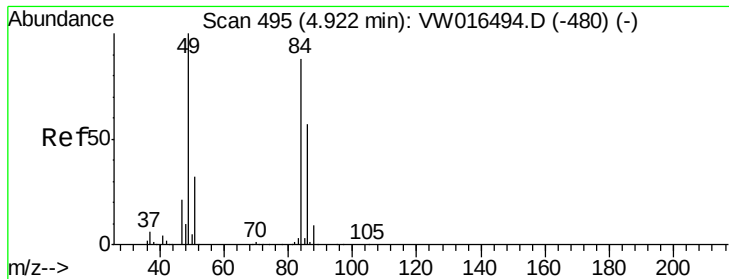
Instrument :
MSVOA_W
ClientSampleId :
BFWW0

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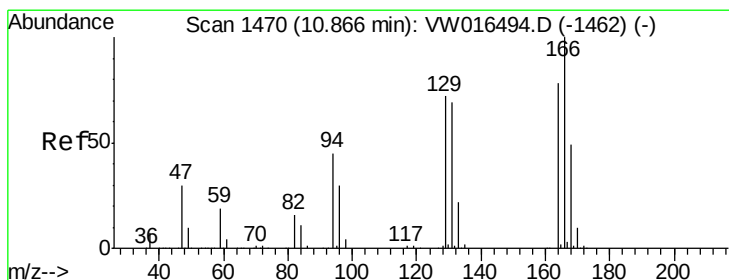
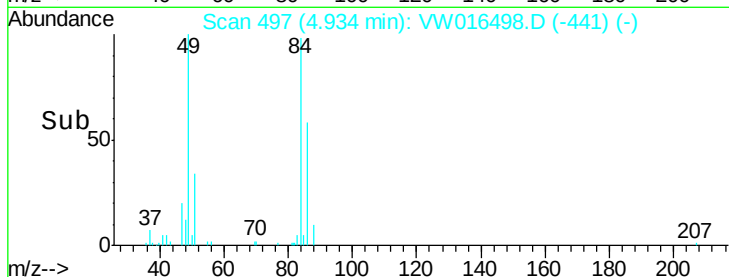
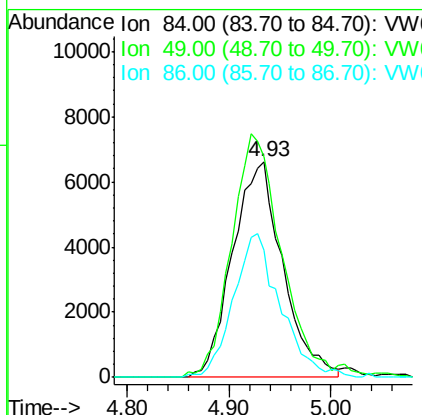
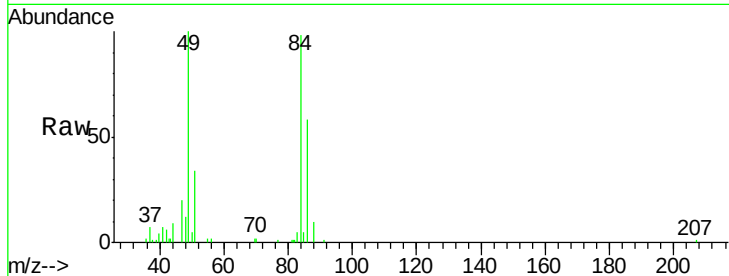
#16
Methylene chloride
Concen: 1.973 ug/L
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW016498.D
Acq: 09 Sep 2020 15:45

Instrument :
MSVOA_W
ClientSampled :
BFWW0

Tot Ion	Ratio	Lower	Upper
84	100		
49	102.5	86.7	160.9
86	58.9	44.9	83.5

Manual Integrations
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#47
Tetrachloroethene
Concen: 37.614 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW016498.D
Acq: 09 Sep 2020 15:45

Tgt Ion	Ratio	Lower	Upper
164	100		
129	92.3	65.7	121.9
131	93.7	61.1	113.5
166	122.2	85.0	157.8

