

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041019\
 Data File : VW009895.D
 Acq On : 10 Apr 2019 22:27
 Operator : SY/VA
 Sample : K2340-20
 Misc : 5.91G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF2T2

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:33:20 AM

Quant Time: Apr 11 06:02:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 03:44:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	426040	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407920	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	175886	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	106144	19.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.16%
7) Chloroethane-d5	2.89	69	99381	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.84%
10) 1,1-Dichloroethene-d2	4.02	63	220514	18.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.56%
20) 2-Butanone-d5	7.08	46	121338	67.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.06%
24) Chloroform-d	7.65	84	311082	26.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.04%
26) 1,2-Dichloroethane-d4	8.31	65	201079	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.68%
29) Benzene-d6	8.27	84	550024	25.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.76%
33) 1,2-Dichloropropane-d6	9.27	67	178431	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.92%
37) Toluene-d8	10.32	98	474120	23.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.80%
38) trans-1,3-Dichloropropene-	10.58	79	73658	23.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.40%
39) 2-Hexanone-d5	10.93	63	84183	67.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.06%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183907	29.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	181844	29.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.84%

Target Compounds					Ovalue
16) Methylene chloride	4.90	84	15133m	2.014	ug/L
47) Tetrachloroethene	10.86	164	1748849	345.717	ug/L

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

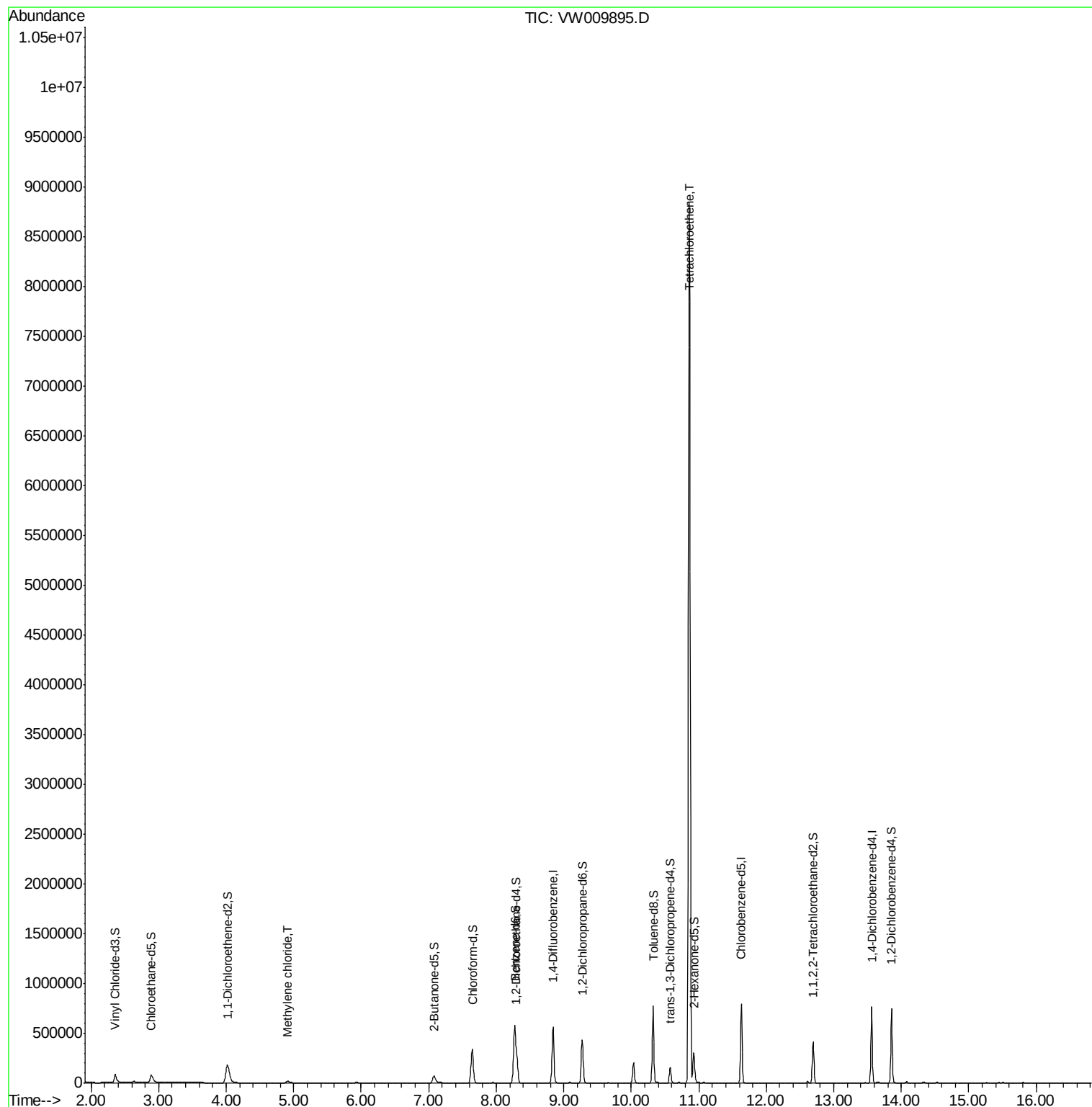
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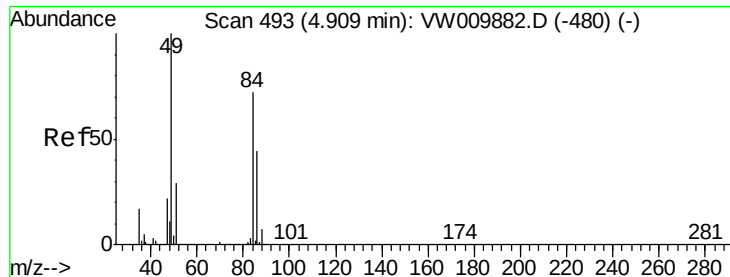
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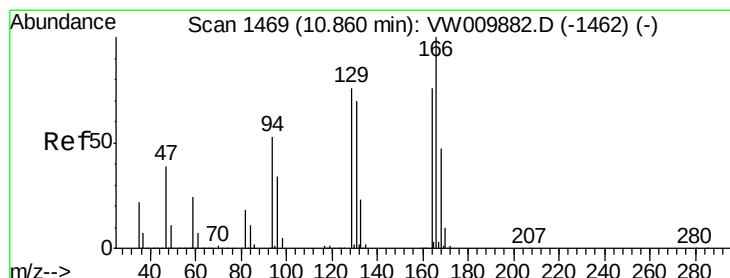
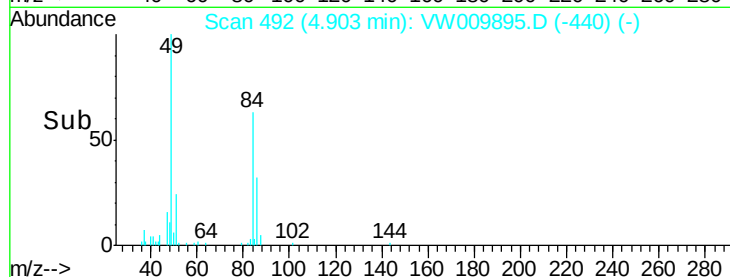
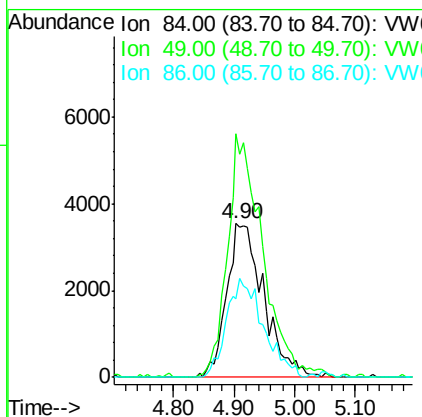
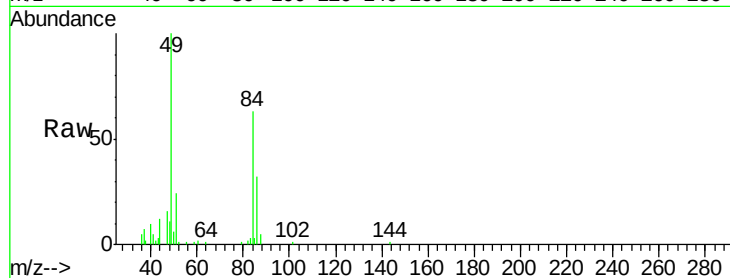
#16
Methylene chloride
Concen: 2.014 ug/L m
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW009895.D
Acq: 10 Apr 2019 22:27

Instrument :
MSVOA_W
ClientSampleId :
BF2T2

Tot Ion	Ratio	Lower	Upper
84	100		
49	158.7	98.3	182.5
86	51.5	46.4	86.2

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#47
Tetrachloroethene
Concen: 345.717 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009895.D
Acq: 10 Apr 2019 22:27

Tgt Ion	Ratio	Lower	Upper
164	100		
129	97.7	68.9	127.9
131	93.4	63.1	117.1
166	127.5	88.5	164.4

