

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009409.D
 Acq On : 24 Mar 2019 00:22
 Operator : SY/VA
 Sample : K2083-03
 Misc : 5.50G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0N1

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:42 AM

Quant Time: Mar 24 01:27:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 23:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	316812	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	314255	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	142443	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	82384	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
7) Chloroethane-d5	2.89	69	83090	18.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.04%
10) 1,1-Dichloroethene-d2	4.01	63	130472	15.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.80%
20) 2-Butanone-d5	7.08	46	82366	52.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.22%
24) Chloroform-d	7.64	84	193472	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.31	65	120758	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	8.27	84	349184	20.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.60%
33) 1,2-Dichloropropane-d6	9.27	67	112526	21.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.48%
37) Toluene-d8	10.32	98	300825	18.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.08%
38) trans-1,3-Dichloropropene-	10.58	79	47124	18.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.12%
39) 2-Hexanone-d5	10.93	63	59642	47.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124974	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	126762	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	7926m	1.716 ug/L	
35) Trichloroethene	9.09	95	5643	1.231 ug/L	95

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

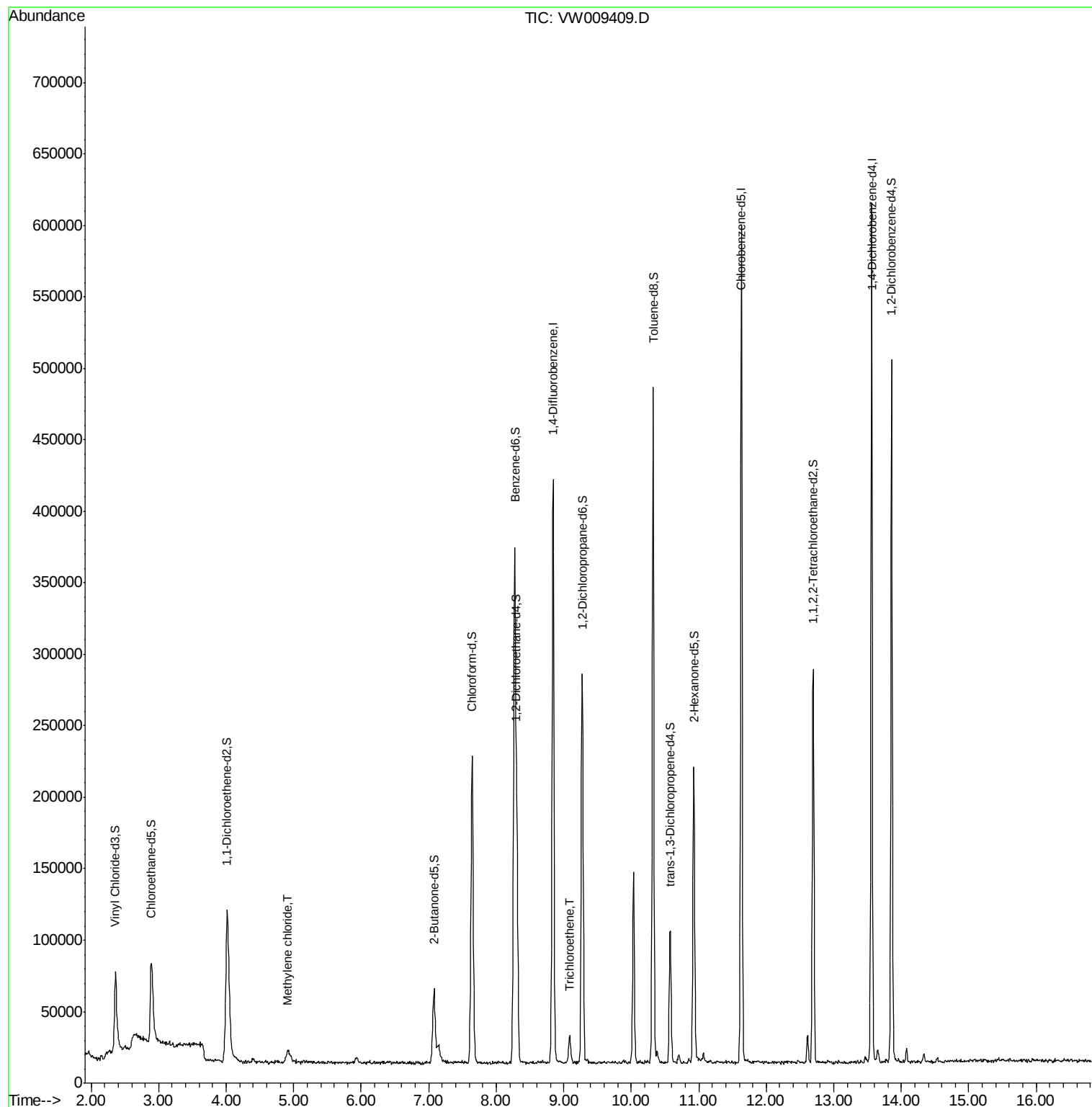
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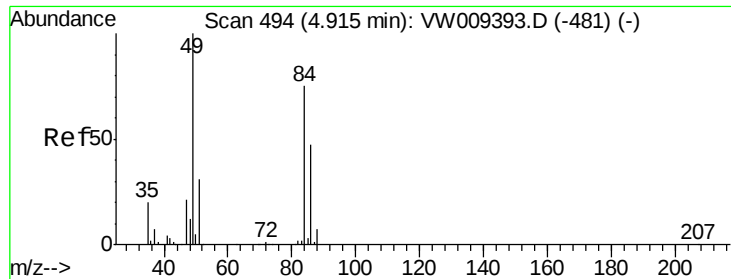
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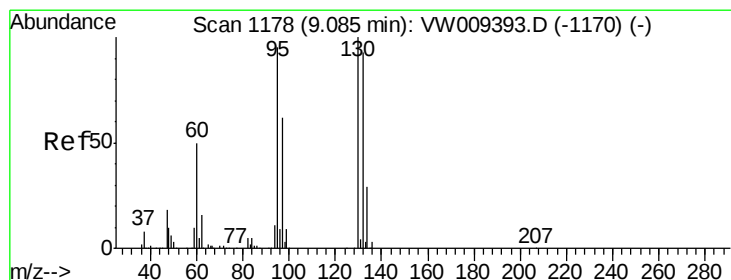
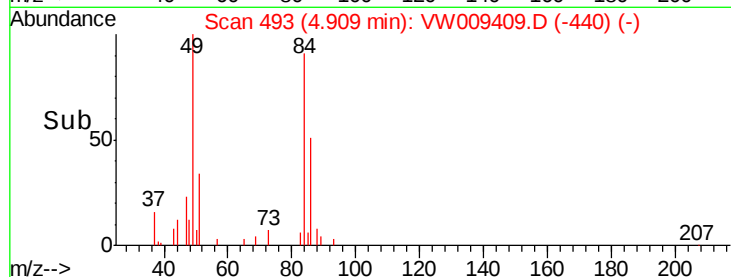
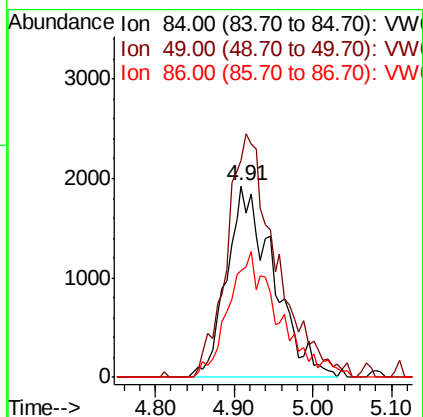
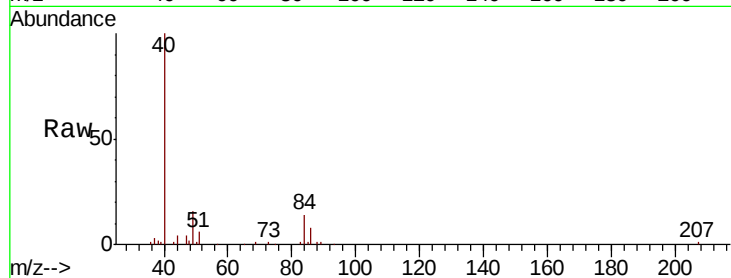
#16
Methvlene chloride
Concen: 1.716 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009409.D
Acq: 24 Mar 2019 00:22

Instrument :
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Tot Ion	Ratio	Lower	Upper
84	100		
49	113.1	96.0	178.2
86	55.8	44.4	82.5

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#35
Trichloroethene
Concen: 1.231 ug/L
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW009409.D
Acq: 24 Mar 2019 00:22

Tgt Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.7	82.9
132	90.6	69.0	128.2
130	99.6	72.7	134.9

