

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032319\
 Data File : VW009402.D
 Acq On : 23 Mar 2019 21:11
 Operator : SY/VA
 Sample : K2062-18
 Misc : 4.20G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0H5

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 8:33:36 AM

Quant Time: Mar 24 00:31:38 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	349856	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	337899	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153555	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88082	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.28%
7) Chloroethane-d5	2.89	69	89462	18.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.16%
10) 1,1-Dichloroethene-d2	4.01	63	140362	15.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.12%
20) 2-Butanone-d5	7.07	46	86588	50.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.16%
24) Chloroform-d	7.65	84	217429	22.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.08%
26) 1,2-Dichloroethane-d4	8.30	65	135048	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.92%
29) Benzene-d6	8.27	84	386429	20.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.96%
33) 1,2-Dichloropropane-d6	9.27	67	121545	21.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.88%
37) Toluene-d8	10.32	98	334484	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.64%
38) trans-1,3-Dichloropropene-	10.58	79	54271	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.24%
39) 2-Hexanone-d5	10.93	63	63881	47.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134012	24.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	139067	23.62	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.48%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	7823m	1.533 ug/L	
47) Tetrachloroethene	10.86	164	26606	6.390 ug/L	97

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

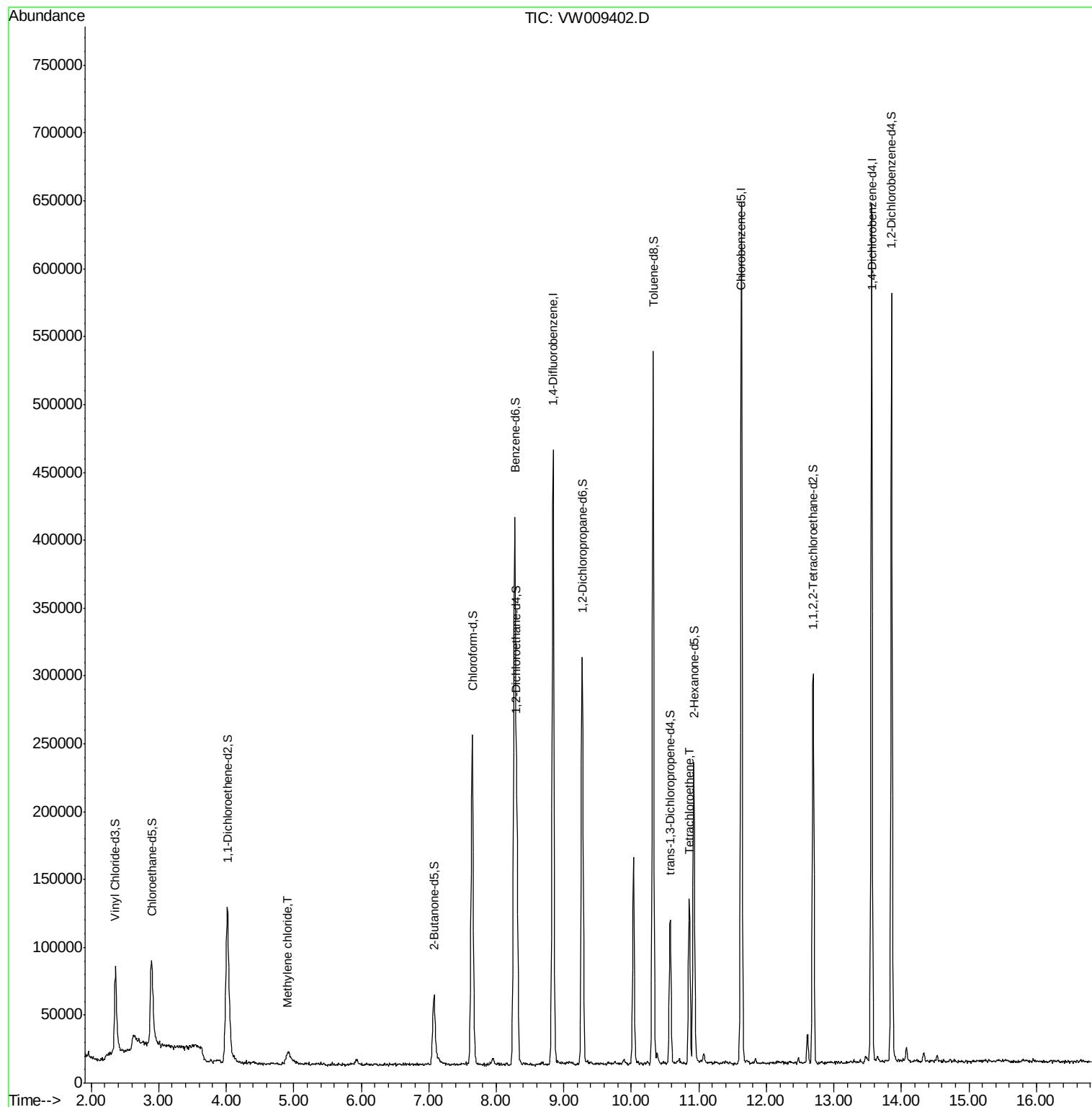
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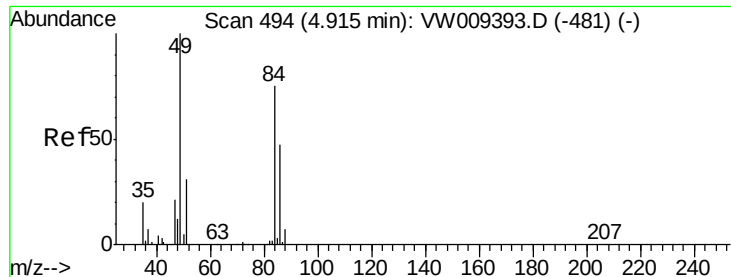
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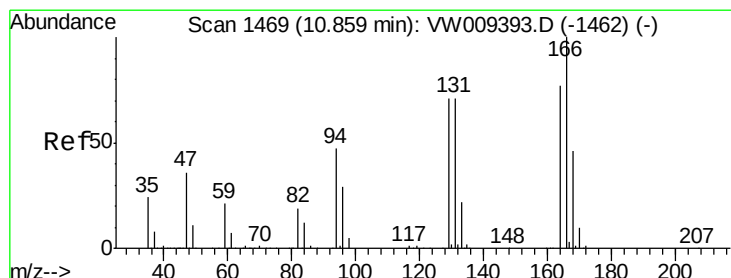
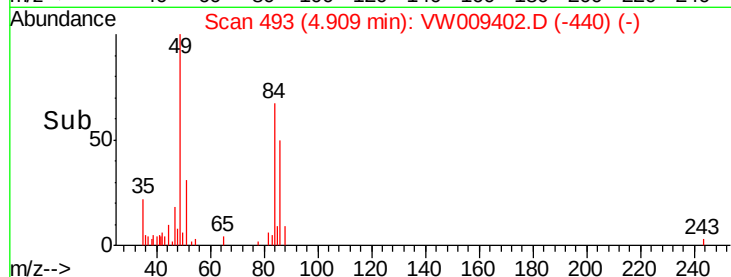
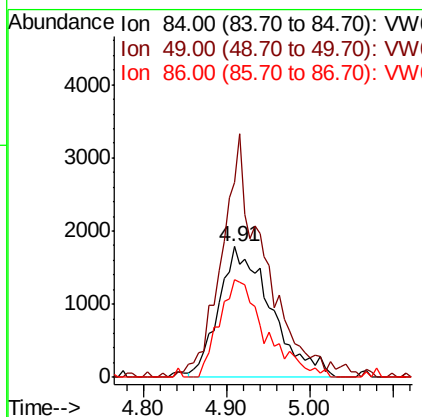
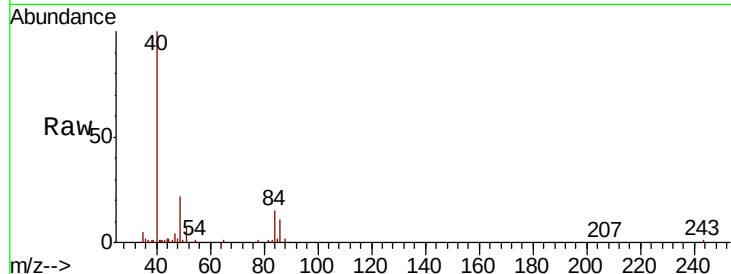
#16
Methylene chloride
Concen: 1.533 ug/L m
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009402.D
Acq: 23 Mar 2019 21:11

Instrument :
MSVOA_W
ClientSampled :
BF0H5

Tot Ion	84	Resp	7823
Ion	Ratio	Lower	Upper
84	100		
49	149.1	96.0	178.2
86	74.5	44.4	82.5

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#47
Tetrachloroethene
Concen: 6.390 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009402.D
Acq: 23 Mar 2019 21:11

Tgt Ion	164	Resp	26606
Ion	Ratio	Lower	Upper
164	100		
129	87.2	66.5	123.5
131	89.4	62.6	116.3
166	129.2	91.6	170.0

