

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111520\
 Data File : VW017237.D
 Acq On : 15 Nov 2020 14:52
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK17

Manual Integrations
 APPROVED

MMDadoda
 11/17/2020 6:52:36 PM

Quant Time: Nov 16 10:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	437733	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	400988	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198830	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116652	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.64%
7) Chloroethane-d5	2.89	69	100337	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.48%
10) 1,1-Dichloroethene-d2	4.03	63	173573	17.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.40%
20) 2-Butanone-d5	7.08	46	55879	45.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.64%
24) Chloroform-d	7.65	84	273509	26.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.08%
26) 1,2-Dichloroethane-d4	8.31	65	140716m	27.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.80%
29) Benzene-d6	8.27	84	519107	25.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.68%
33) 1,2-Dichloropropane-d6	9.27	67	147396	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
37) Toluene-d8	10.32	98	500286	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.92%
38) trans-1,3-Dichloropropene-	10.58	79	61757	24.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.00%
39) 2-Hexanone-d5	10.93	63	49562	50.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119947	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	210646	30.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.28%#

Target Compounds					Ovalue
16) Methylene chloride	4.93	84	8984	1.522 ug/L	85
44) Toluene	10.39	91	5464	0.236 ug/L	88

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

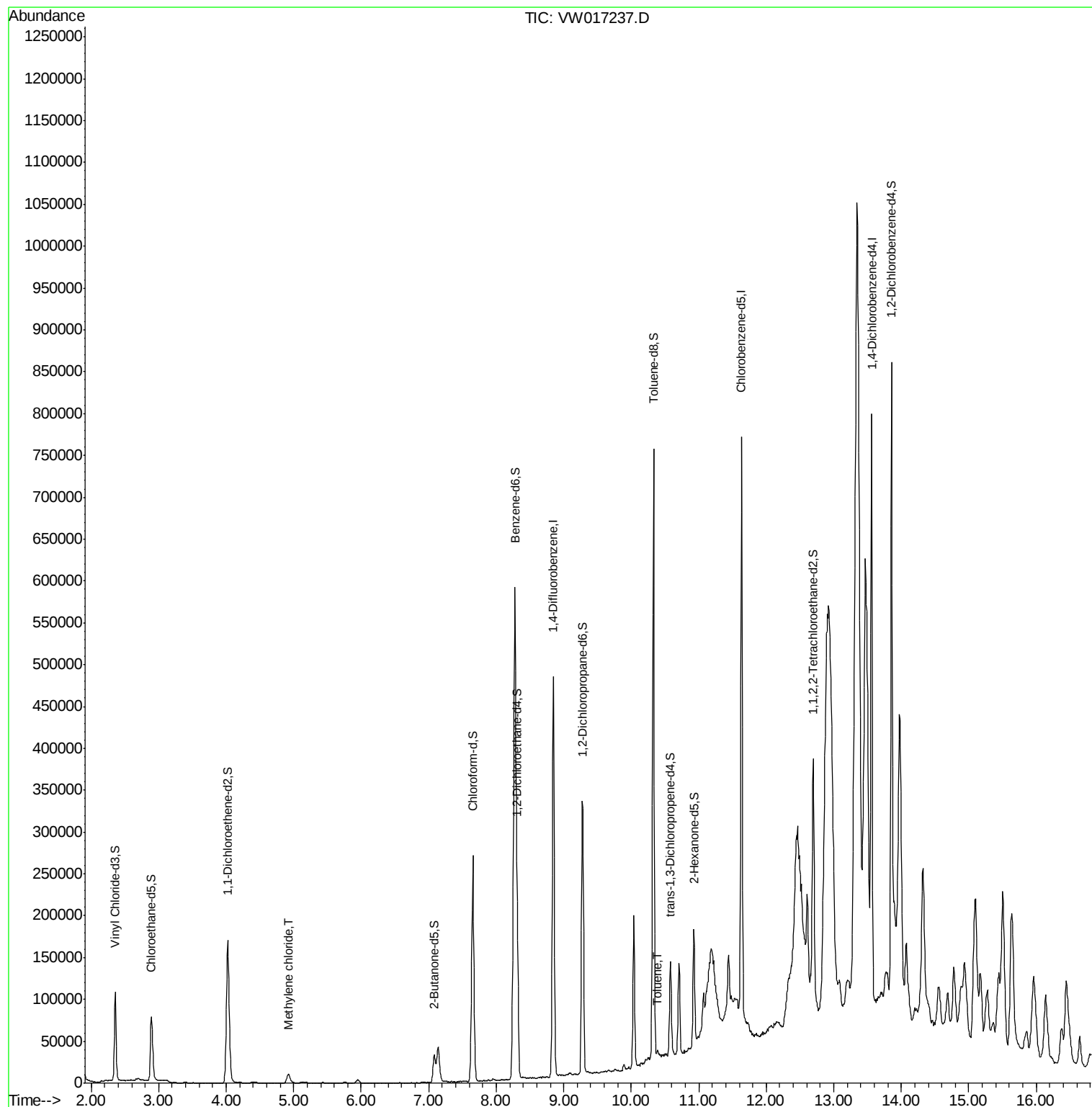
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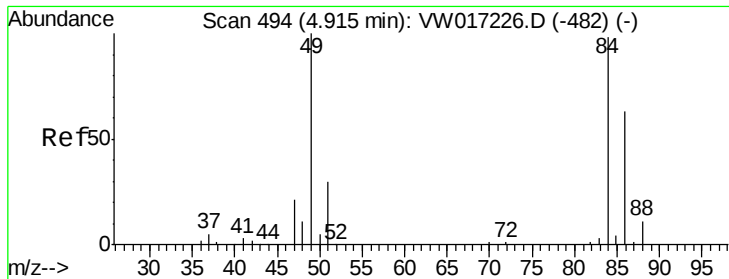
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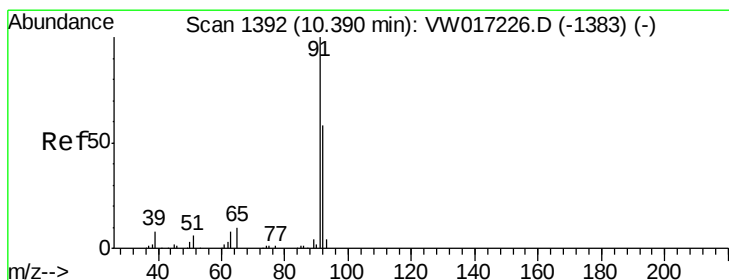
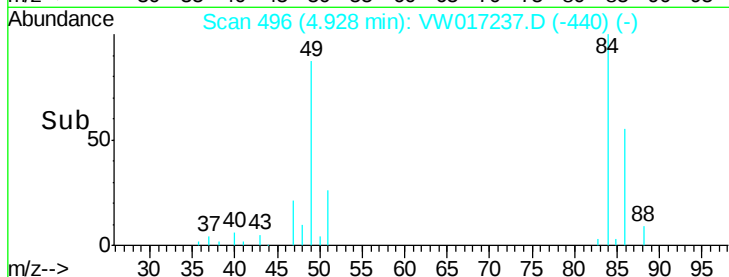
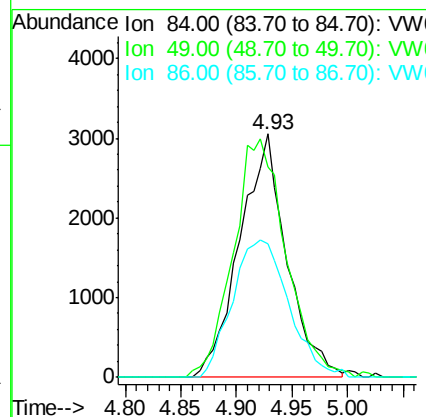
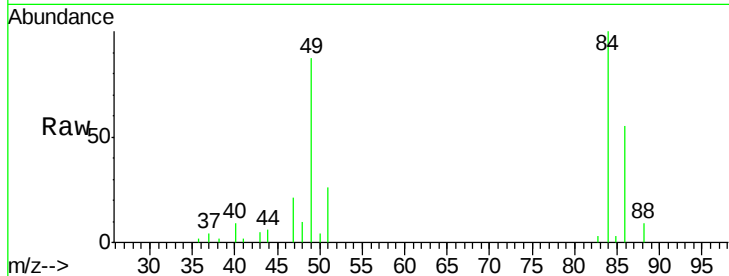
#16
Methvlene chloride
Concen: 1.522 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW017237.D
Acq: 15 Nov 2020 14:52

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Tot Ion	84.00 (83.70 to 84.70): VW	Resp	8984
Ion	Ratio	Lower	Upper
84	100		
49	86.5	72.3	134.3
86	54.7	45.1	83.7

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#44
Toluene
Concen: 0.236 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW017237.D
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Tgt Ion	91.00 (90.70 to 91.70): VW	Resp	5464
Ion	Ratio	Lower	Upper
91	100		
92	49.8	41.4	76.8

