

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013020\
 Data File : VW014808.D
 Acq On : 30 Jan 2020 13:03
 Operator : SY/VA
 Sample : L1303-09
 Misc : 3.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AF4

Manual Integrations
 APPROVED

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 1/31/2020 4:22:24 PM

Quant Time: Jan 31 01:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 01:08:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1181670	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1030896	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	412823	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	329267	17.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.36%
7) Chloroethane-d5	2.89	69	283034	17.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.20%
10) 1,1-Dichloroethene-d2	4.01	63	481729m	14.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.88%
20) 2-Butanone-d5	7.07	46	125799	23.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.34%
24) Chloroform-d	7.65	84	604548	18.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.12%
26) 1,2-Dichloroethane-d4	8.30	65	307021m	17.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.92%#
29) Benzene-d6	8.27	84	1258135	19.39	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.56%
33) 1,2-Dichloropropane-d6	9.27	67	390341	19.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.40%
37) Toluene-d8	10.32	98	1048842	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.60%
38) trans-1,3-Dichloropropene-	10.57	79	132875	16.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.12%
39) 2-Hexanone-d5	10.92	63	89004	23.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	208693	13.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	52.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	290131	17.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.72%#

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	36711	1.838 ug/L	92
47) Tetrachloroethene	10.86	164	15786	1.178 ug/L	90

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

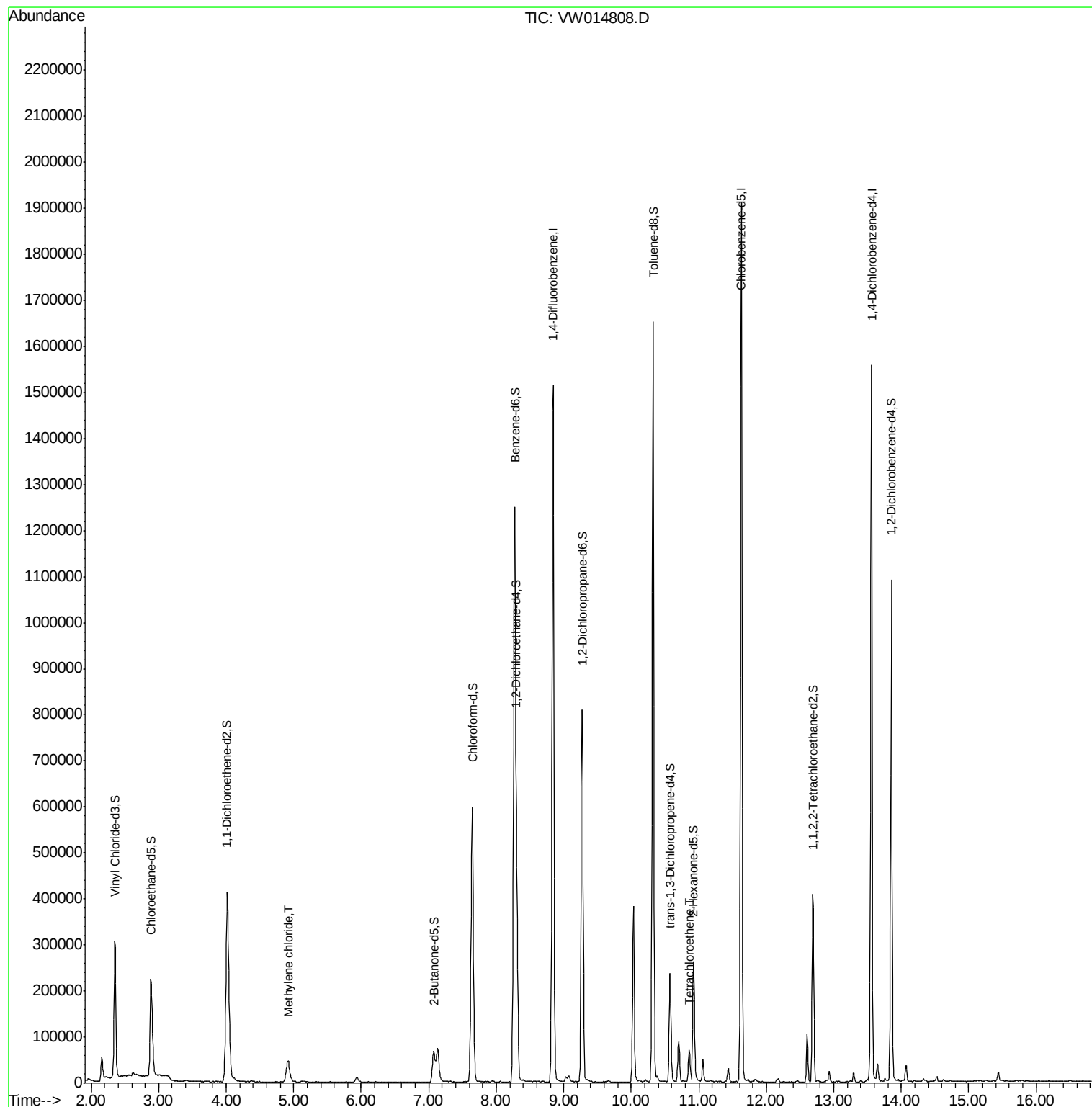
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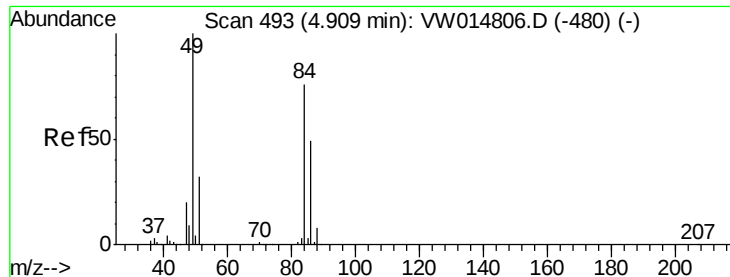
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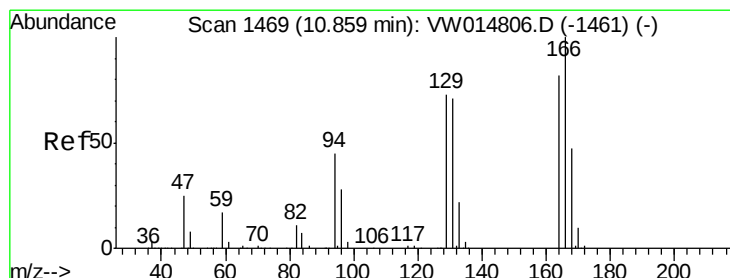
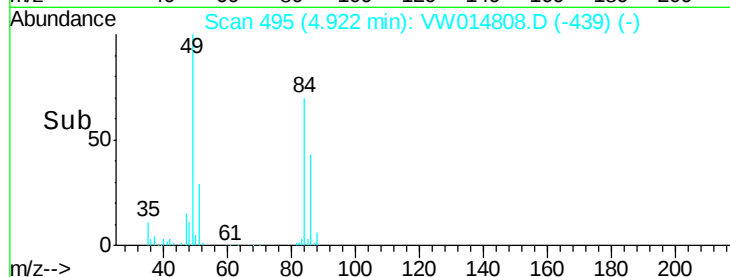
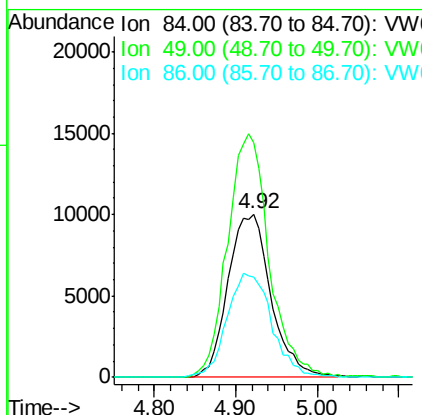
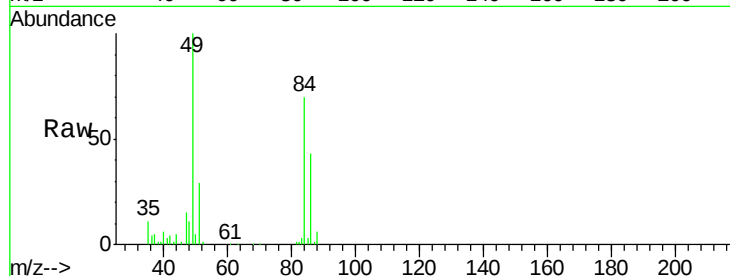
#16
Methylene chloride
Concen: 1.838 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW014808.D
Acq: 30 Jan 2020 13:03

Instrument :
MSVOA_W
ClientSampled :
C0AF4

Tot Ion	Ratio	Resp	Lower	Upper
84	100			
49	143.5	90.9	168.7	
86	61.2	43.5	80.7	

Manual Integrations
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#47
Tetrachloroethene
Concen: 1.178 ug/L
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014808.D
Acq: 30 Jan 2020 13:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
129	85.3	64.4	119.6	
131	95.9	61.2	113.6	
166	112.9	88.8	165.0	

