

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016047.D
 Acq On : 06 Aug 2020 16:42
 Operator : SY/VA
 Sample : L3564-16
 Misc : 6.33G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFWP5

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 4:49:04 PM

Quant Time: Aug 07 07:55:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	356863	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322465	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	146978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	75641	15.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.08%
7) Chloroethane-d5	2.89	69	64575	15.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.16%
10) 1,1-Dichloroethene-d2	4.01	63	131900	12.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.84%
20) 2-Butanone-d5	7.09	46	43853	33.15	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.30%
24) Chloroform-d	7.65	84	197321	19.69	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.76%
26) 1,2-Dichloroethane-d4	8.31	65	99664	18.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.44%
29) Benzene-d6	8.27	84	392538	20.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.00%
33) 1,2-Dichloropropane-d6	9.27	67	116751	19.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.36%
37) Toluene-d8	10.33	98	361447	20.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.32%
38) trans-1,3-Dichloropropene-	10.58	79	46524	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.20%
39) 2-Hexanone-d5	10.93	63	36399	37.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.30%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	88076	19.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	123344	21.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.08%

Target Compounds					Ovalue
16) Methylene chloride	4.91	84	10538m	1.802	ug/L
47) Tetrachloroethene	10.87	164	117051	29.107	ug/L

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

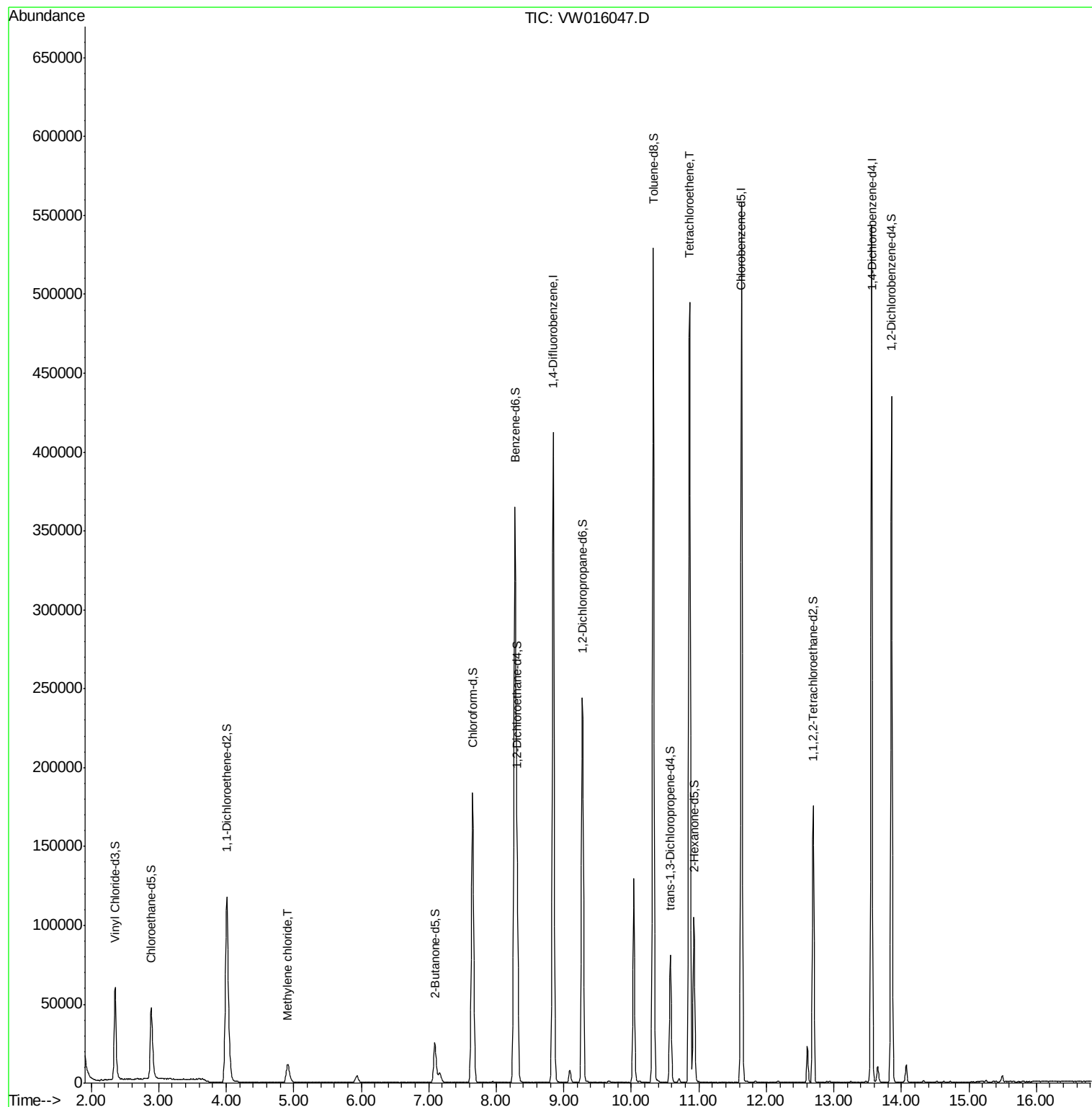
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080620\
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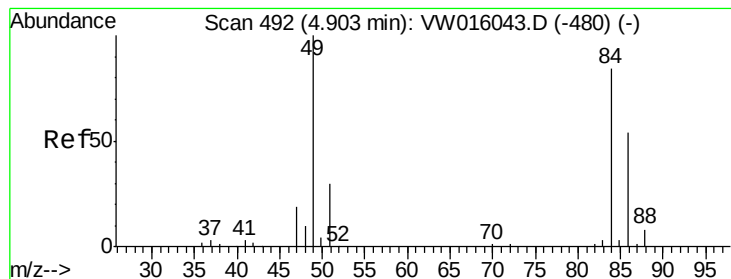
Instrument :
MSVOA_W
ClientSampleId :
BFWP5

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 1.802 ug/L m

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW016047.D

Acq: 06 Aug 2020 16:42

Instrument :

MSVOA_W

ClientSampleId :

BFWP5

Tot Ion: 84 Resp: 10538

Ion Ratio Lower Upper

84 100

49 114.6 91.1 169.1

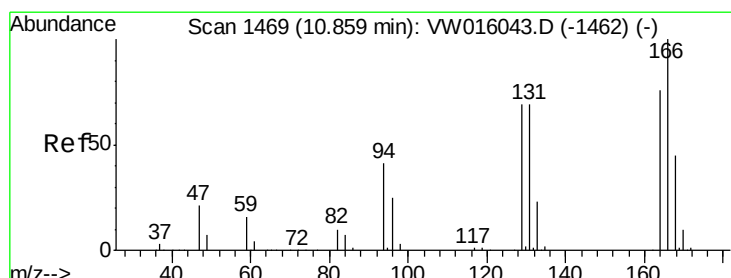
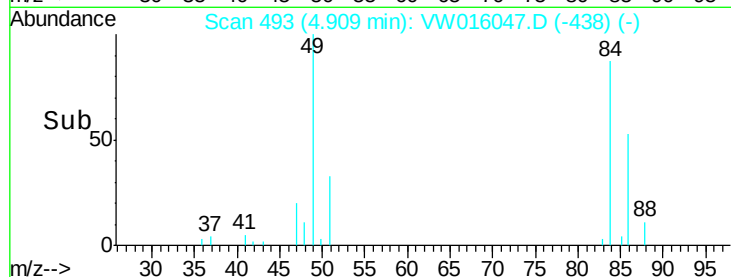
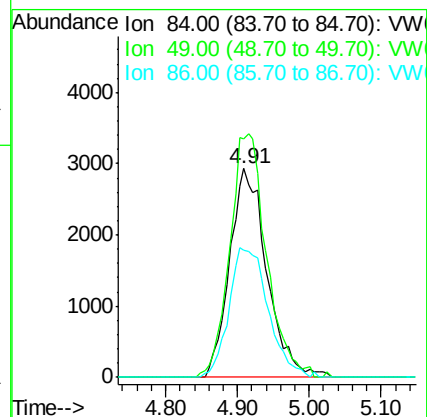
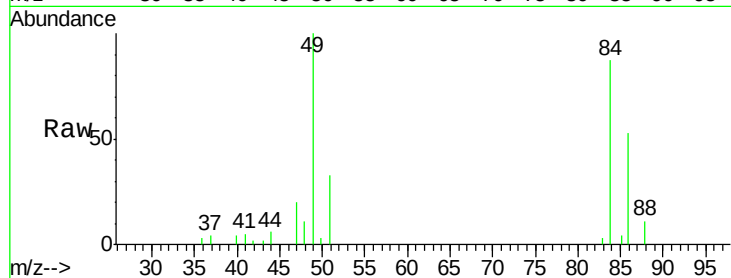
86 61.0 46.0 85.4

Manual Integrations

APPROVED

MMDadoda

8/7/2020 4:49:04 PM



#47

Tetrachloroethene

Concen: 29.107 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VW016047.D

Acq: 06 Aug 2020 16:42

Tgt Ion: 164 Resp: 117051

Ion Ratio Lower Upper

164 100

129 93.2 70.0 130.0

131 92.0 67.3 124.9

166 125.4 88.5 164.3

