

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081720\
 Data File : VW016209.D
 Acq On : 17 Aug 2020 11:40
 Operator : SY/VA
 Sample : L3702-02
 Misc : 6.90G/10ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSK5

Quant Time: Aug 18 03:44:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 03:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	450058	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	406375	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178198	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	104533	18.73	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
7) Chloroethane-d5	2.90	69	85499	20.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.76%
10) 1,1-Dichloroethene-d2	4.01	63	180156	15.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.80%
20) 2-Butanone-d5	7.08	46	47191	32.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.28%
24) Chloroform-d	7.65	84	247962	20.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.12%
26) 1,2-Dichloroethane-d4	8.31	65	117654	18.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.36%
29) Benzene-d6	8.27	84	497411	22.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.00%
33) 1,2-Dichloropropane-d6	9.27	67	141331	21.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.96%
37) Toluene-d8	10.32	98	448325	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.44%
38) trans-1,3-Dichloropropene-	10.58	79	56729	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.68%
39) 2-Hexanone-d5	10.93	63	39408	35.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102526	19.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	149646	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

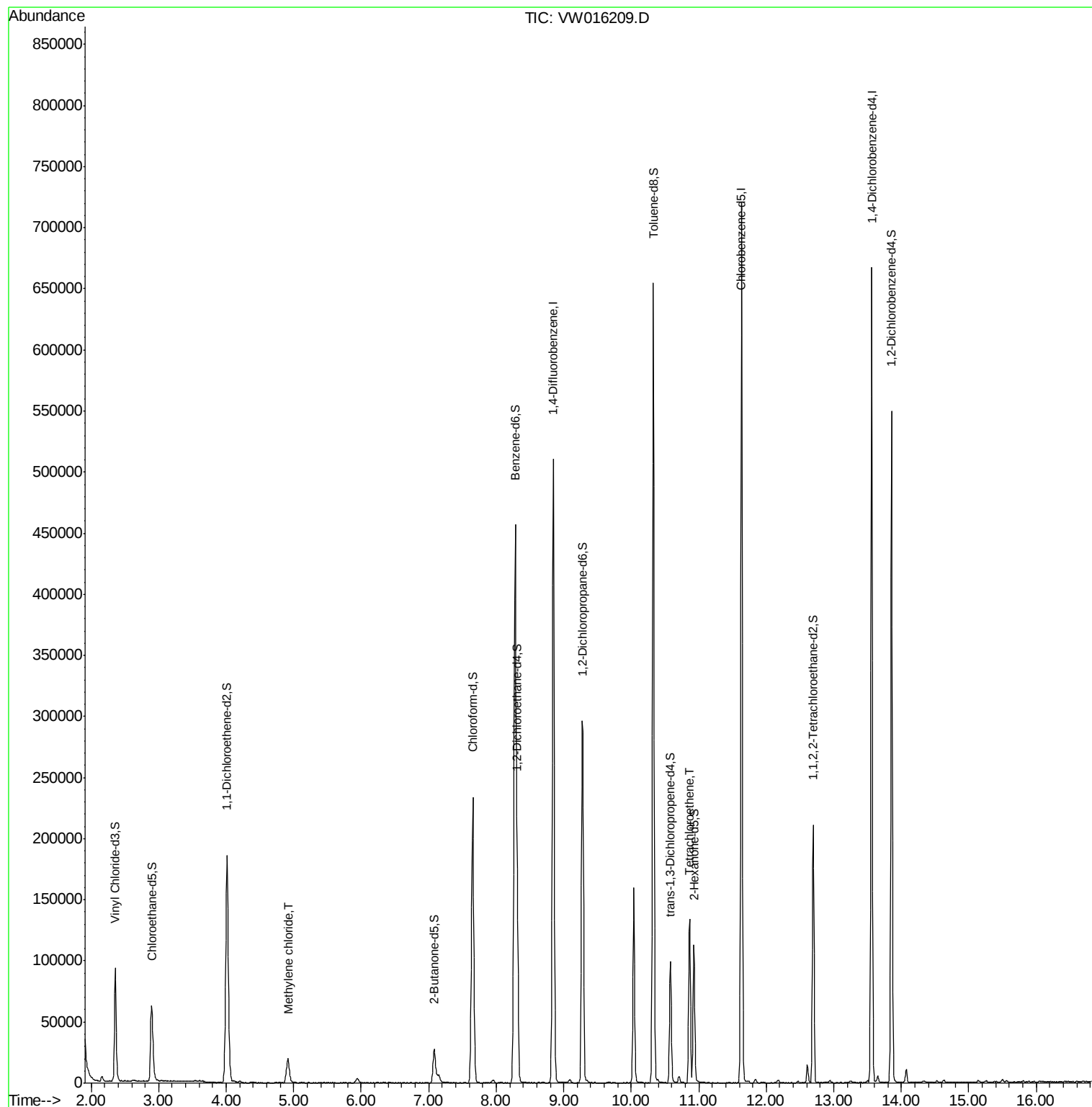
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	16169	2.275 ug/L	94
47) Tetrachloroethene	10.87	164	29968	6.344 ug/L	85

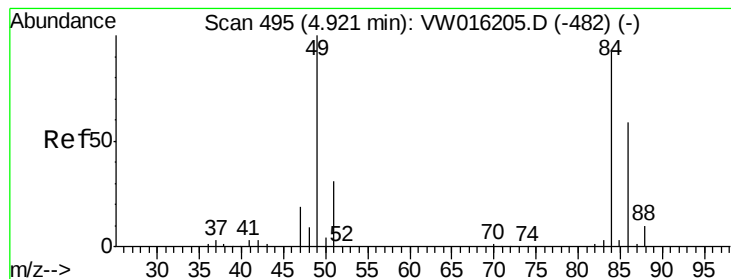
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methvlene chloride

Concen: 2.275 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

BFSK5

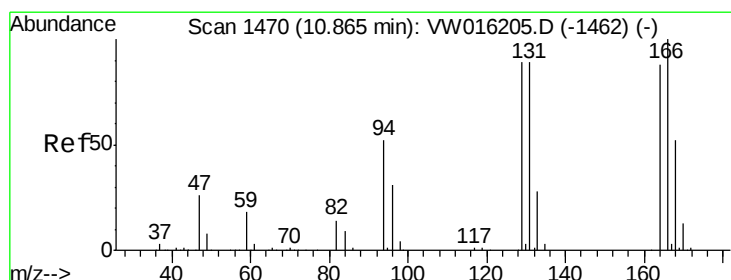
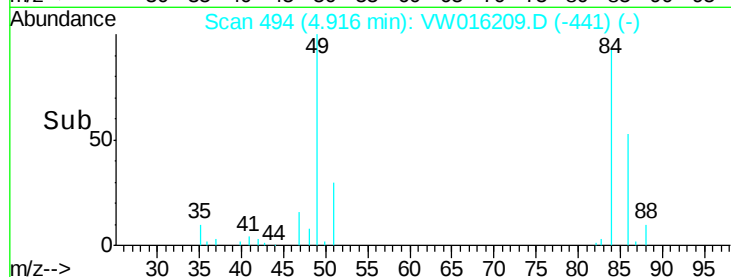
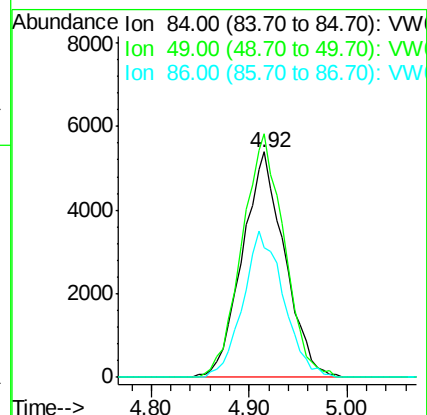
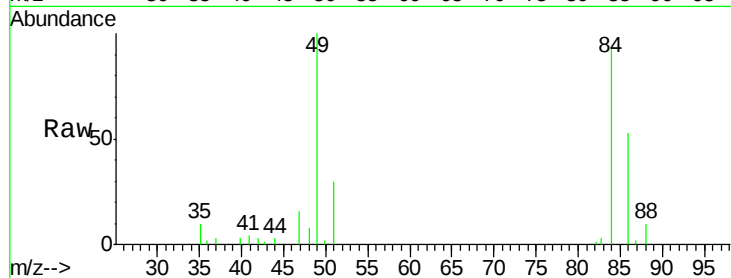
Tot Ion: 84 Resp: 16169

Ion Ratio Lower Upper

84 100

49 108.1 80.4 149.4

86 57.7 43.8 81.3



#47

Tetrachloroethene

Concen: 6.344 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VW016209.D

Acq: 17 Aug 2020 11:40

Tgt Ion:164 Resp: 29968

Ion Ratio Lower Upper

164 100

129 116.5 71.5 132.9

131 100.1 65.4 121.4

166 148.1 86.9 161.5

