

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082620\
 Data File : VW016373.D
 Acq On : 26 Aug 2020 17:33
 Operator : SY/VA
 Sample : L3800-10
 Misc : 6.09G/10ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3H9

Quant Time: Aug 27 04:29:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 27 02:40:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	266201	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	246322	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107424	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	44534	15.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.68%
7) Chloroethane-d5	2.89	69	40063	18.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.28%
10) 1,1-Dichloroethene-d2	4.02	63	89760	13.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.16%
20) 2-Butanone-d5	7.07	46	33450	41.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.76%
24) Chloroform-d	7.65	84	147675	21.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.12%
26) 1,2-Dichloroethane-d4	8.31	65	77925	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.16%
29) Benzene-d6	8.27	84	273038	19.85	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.40%
33) 1,2-Dichloropropane-d6	9.27	67	79547	20.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.60%
37) Toluene-d8	10.33	98	254062	19.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.32%
38) trans-1,3-Dichloropropene-	10.58	79	34002	18.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.04%
39) 2-Hexanone-d5	10.93	63	26694	43.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	68690	21.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	91108	22.12	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.48%

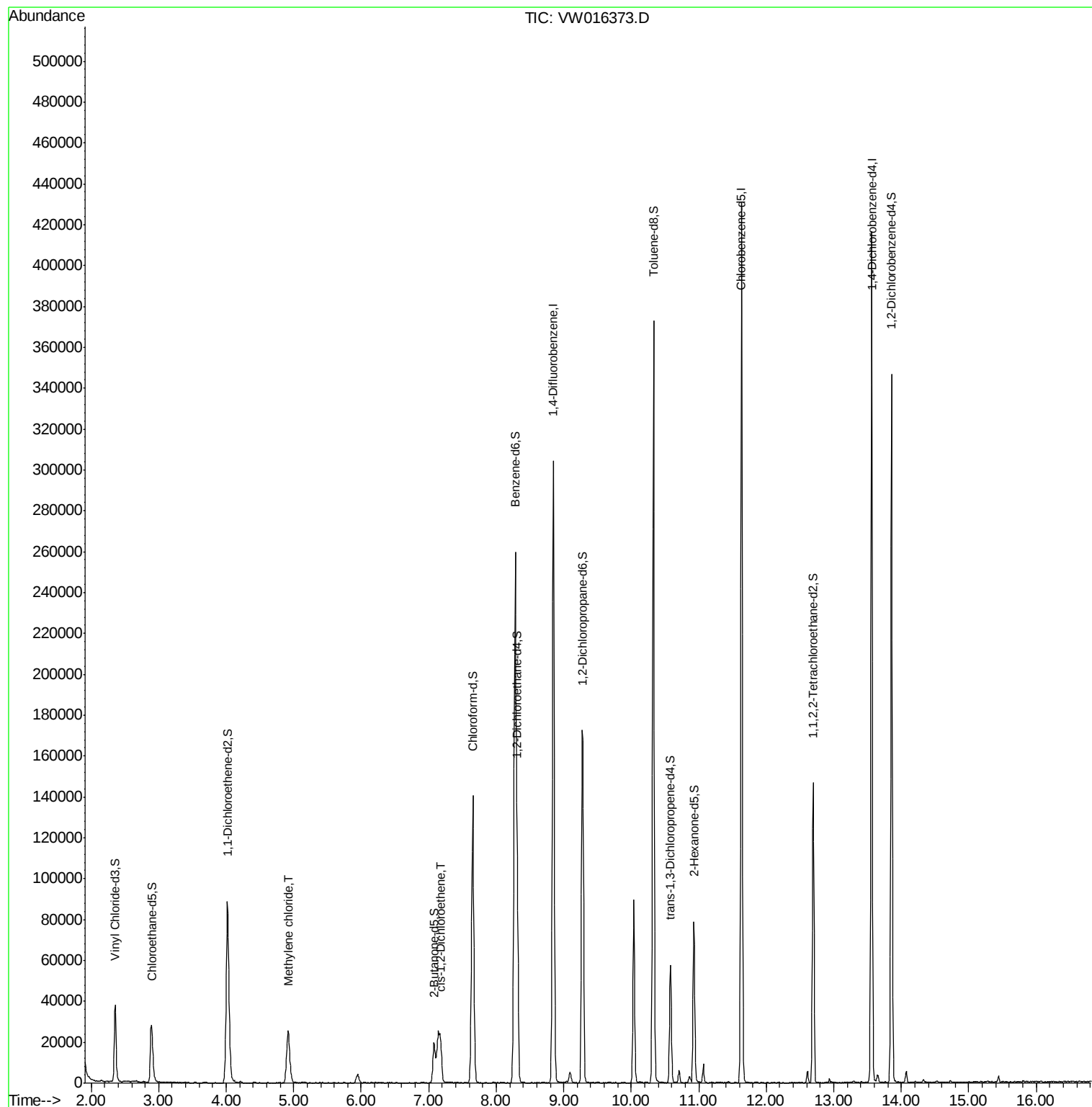
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	22035	4.478 ug/L	99
22) cis-1,2-Dichloroethene	7.18	96	11497	2.945 ug/L	96

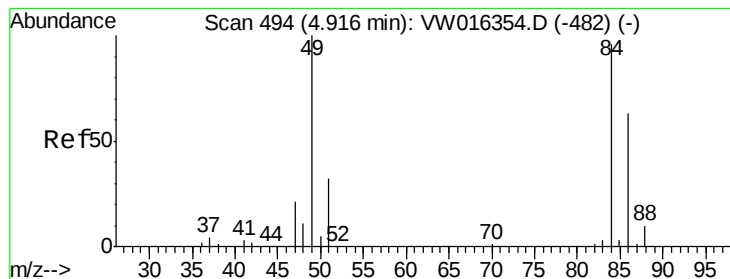
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 4.478 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

BG3H9

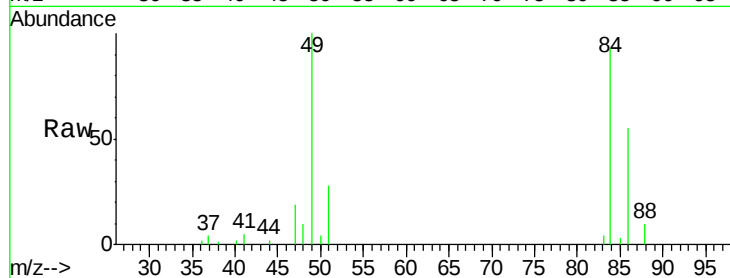
Tot Ion: 84 Resp: 22035

Ion Ratio Lower Upper

84 100

49 107.9 75.3 139.9

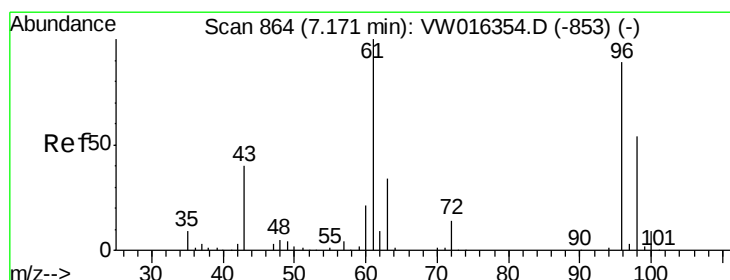
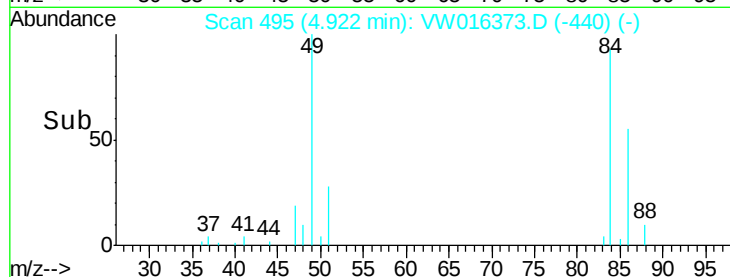
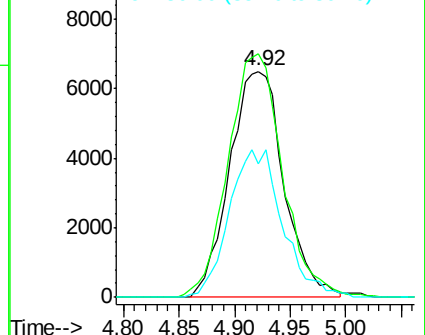
86 59.4 43.3 80.3



Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW



#22

cis-1,2-Dichloroethene

Concen: 2.945 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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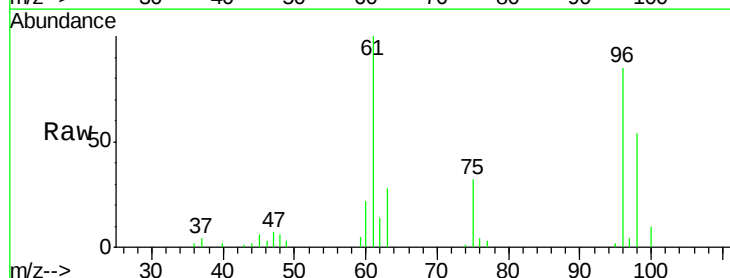
Tgt Ion: 96 Resp: 11497

Ion Ratio Lower Upper

96 100

61 117.0 84.9 157.7

98 63.5 46.8 86.8



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW

