

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015925.D
 Acq On : 23 Jul 2020 16:39
 Operator : SY/VA
 Sample : L3388-02
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:03:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	435576	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	347398	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98246	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	149147	24.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.08%
7) Chloroethane-d5	2.90	69	117638	23.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.28%
10) 1,1-Dichloroethene-d2	4.01	63	214689	17.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.12%
20) 2-Butanone-d5	7.09	46	70868	43.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.78%
24) Chloroform-d	7.65	84	273814	22.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.52%
26) 1,2-Dichloroethane-d4	8.31	65	160506	23.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.60%
29) Benzene-d6	8.28	84	541976	25.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.52%
33) 1,2-Dichloropropane-d6	9.28	67	168043	26.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.04%
37) Toluene-d8	10.33	98	450537	23.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.08%
38) trans-1,3-Dichloropropene-	10.58	79	58328	21.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.36%
39) 2-Hexanone-d5	10.93	63	50074	47.44	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.88%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118791	24.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.52%
61) 1,2-Dichlorobenzene-d4	13.86	152	86009	22.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.80%

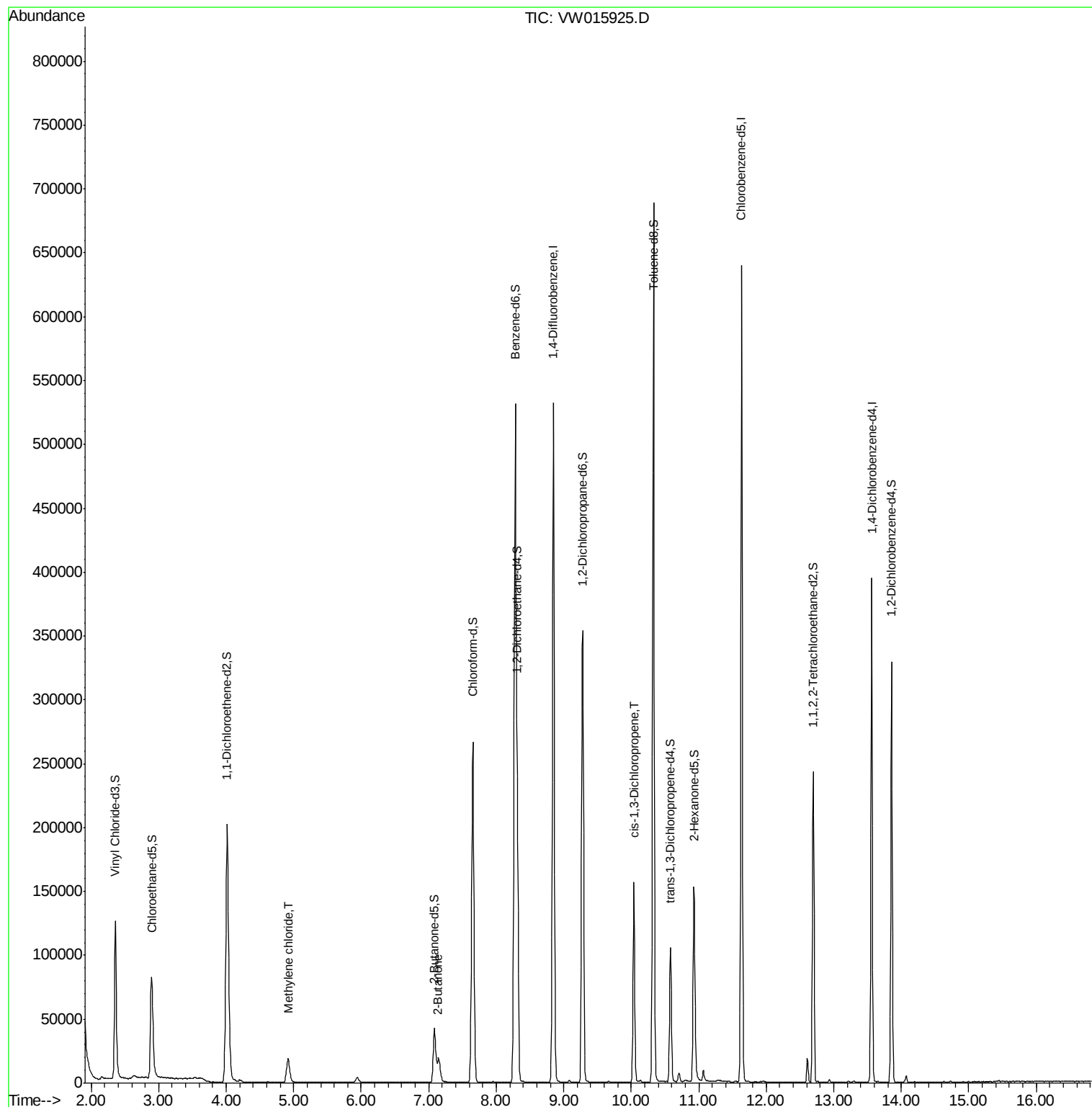
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	14603	2.046 ug/L	99
21) 2-Butanone	7.13	43	4122	2.459 ug/L #	50
42) cis-1,3-Dichloropropene	10.04	75	3949	0.496 ug/L #	76

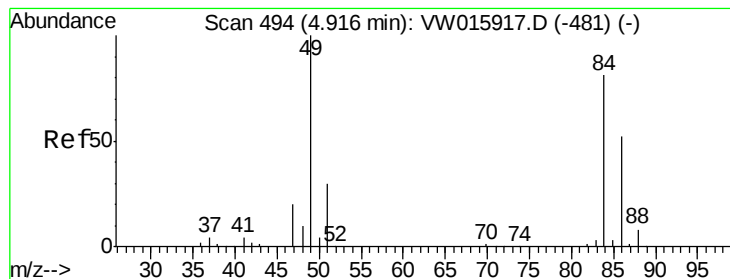
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.046 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

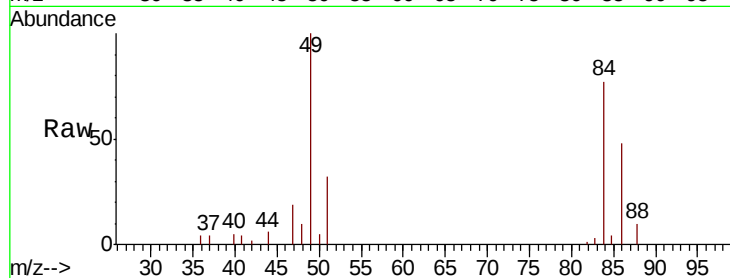
Tot Ion: 84 Resp: 14603

Ion Ratio Lower Upper

84 100

49 130.3 91.1 169.1

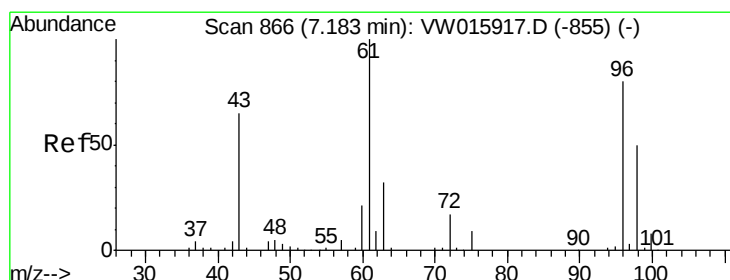
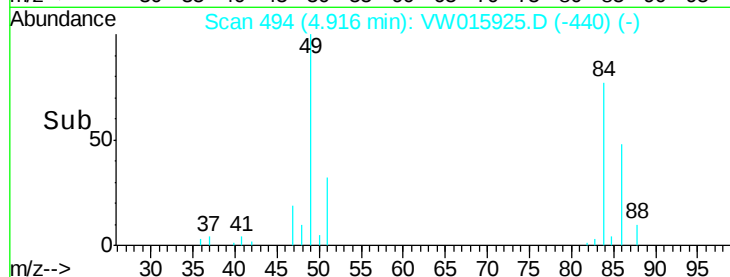
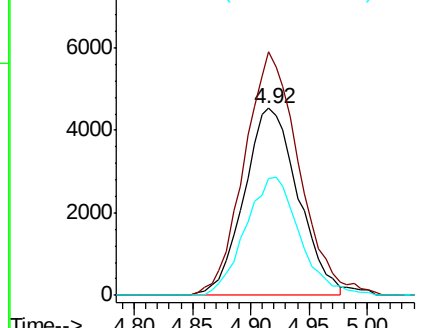
86 62.8 46.0 85.4



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



#21

2-Butanone

Concen: 2.459 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.05 min

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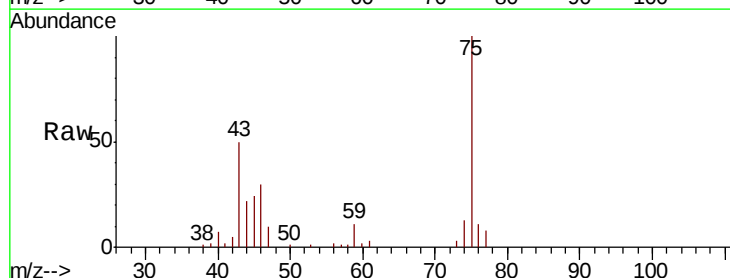
Acq: 23 Jul 2020 16:39

Tgt Ion: 43 Resp: 4122

Ion Ratio Lower Upper

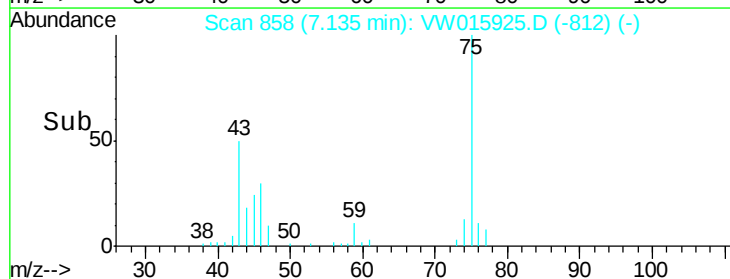
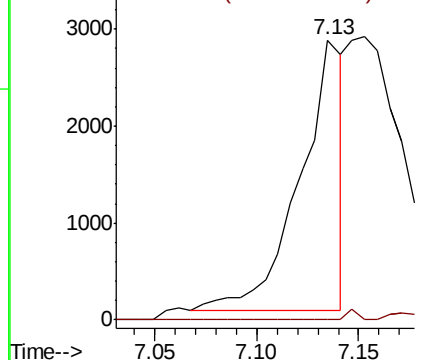
43 100

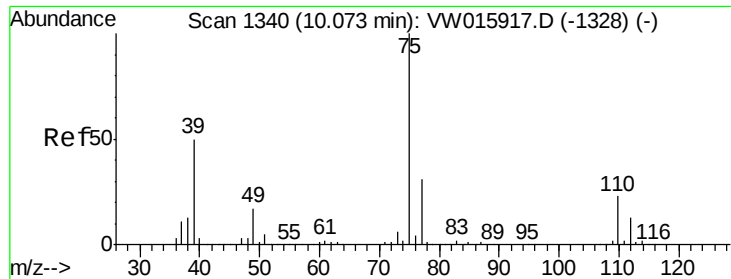
72 1.6 13.9 41.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#42
 cis-1,3-Dichloropropene
 Concen: 0.496 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015925.D
 Acq: 23 Jul 2020 16:39

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 3949
 Ion Ratio Lower Upper
 75 100
 77 45.2 22.2 41.2#

