

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093020\
 Data File : VW016712.D
 Acq On : 30 Sep 2020 15:16
 Operator : SY/VA
 Sample : L4144-10
 Misc : 5.44G/10ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AM5

Quant Time: Oct 01 05:07:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 05:05:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	567256	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	509771	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	243087	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	96811	17.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.52%
7) Chloroethane-d5	2.91	69	91578	20.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.72%
10) 1,1-Dichloroethene-d2	4.03	63	177831	14.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.96%
20) 2-Butanone-d5	7.09	46	78019	52.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.24%
24) Chloroform-d	7.66	84	292773	24.67	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.68%
26) 1,2-Dichloroethane-d4	8.31	65	161186	26.46	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.84%
29) Benzene-d6	8.28	84	540279	23.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.52%
33) 1,2-Dichloropropane-d6	9.28	67	158904	25.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.60%
37) Toluene-d8	10.33	98	516399	22.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.84%
38) trans-1,3-Dichloropropene-	10.58	79	69751	22.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.32%
39) 2-Hexanone-d5	10.93	63	64150	56.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141582	26.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.44%
61) 1,2-Dichlorobenzene-d4	13.86	152	192561	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

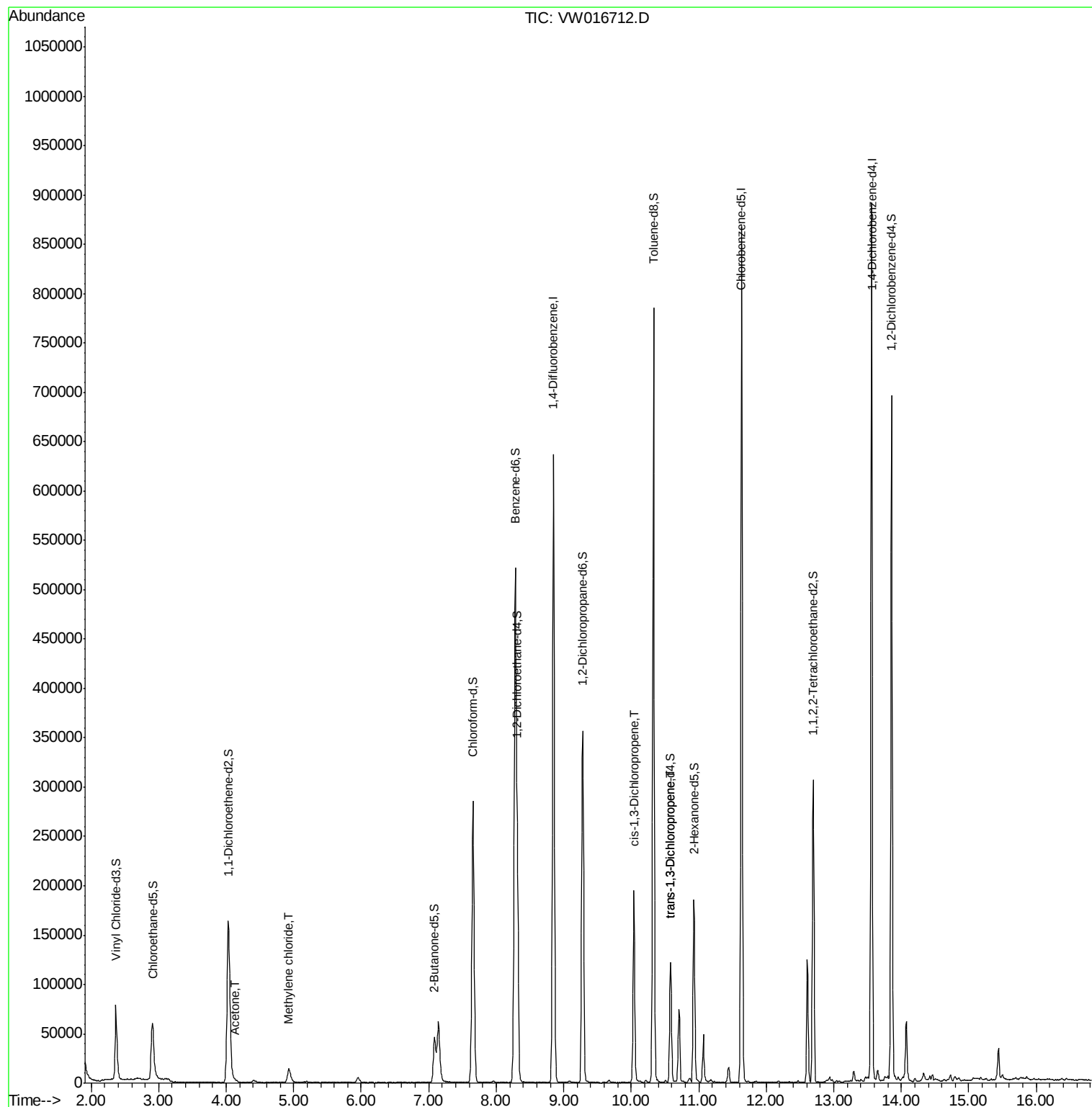
					Ovalue
13) Acetone	4.14	43	3373	2.876 ug/L	96
16) Methylene chloride	4.93	84	11899	1.360 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	5727	0.528 ug/L #	82
45) trans-1,3-Dichloropropene	10.59	75	3474	0.368 ug/L	100

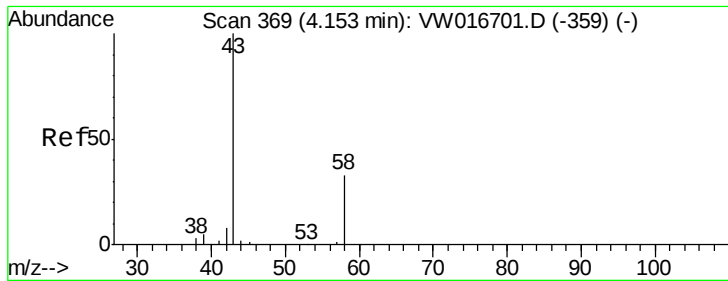
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 01 05:05:13 2020
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#13

Acetone

Concen: 2.876 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

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Acq: 30 Sep 2020 15:16

Instrument :

MSVOA_W

ClientSampleId :

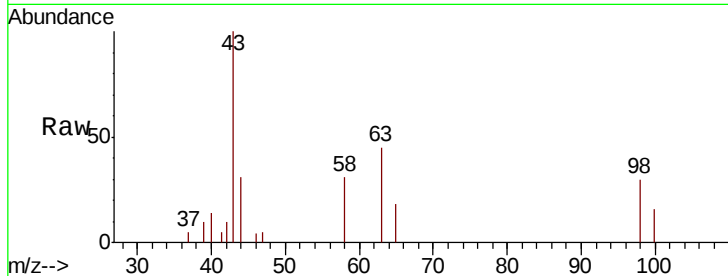
C0AM5

Tot Ion: 43 Resp: 3373

Ion Ratio Lower Upper

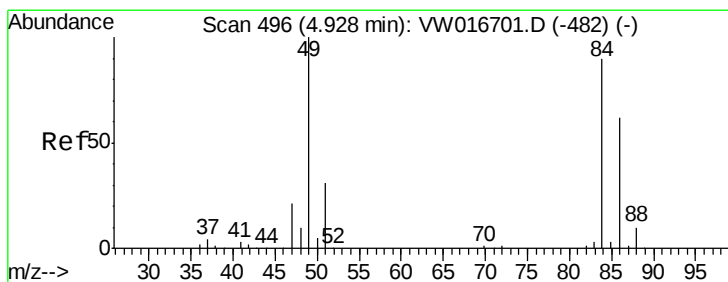
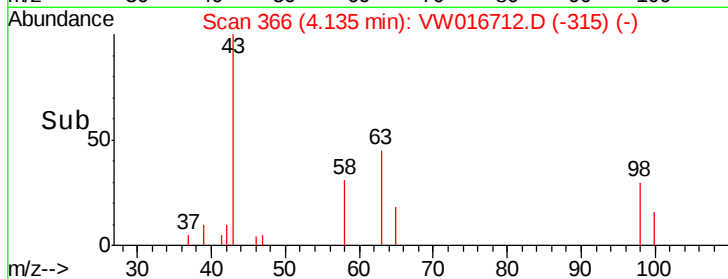
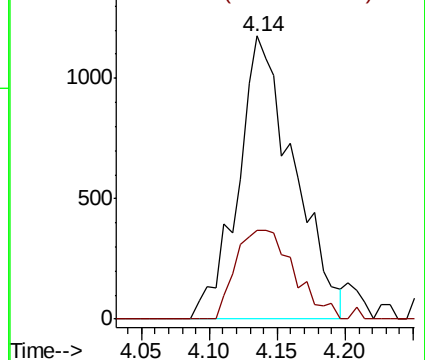
43 100

58 32.1 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.360 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016712.D

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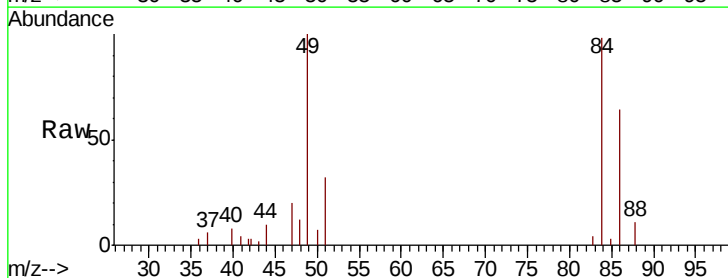
Tgt Ion: 84 Resp: 11899

Ion Ratio Lower Upper

84 100

49 102.0 76.0 141.2

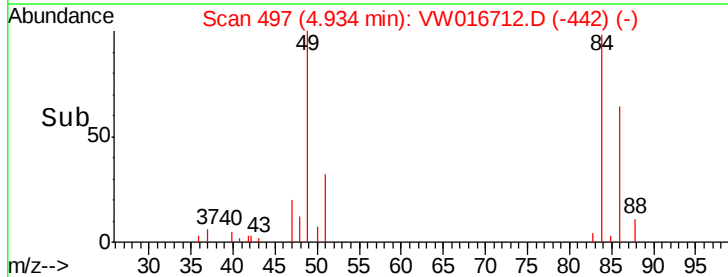
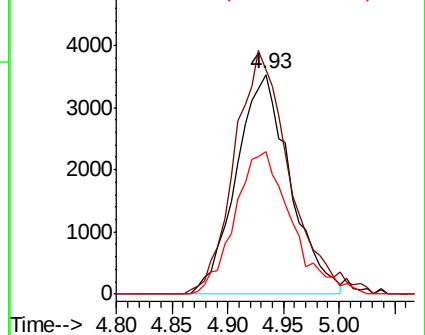
86 65.0 45.6 84.6

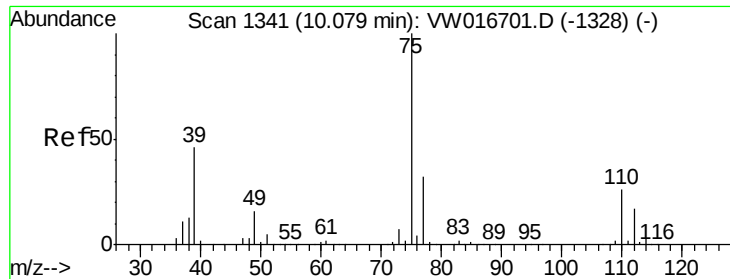


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.528 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampled :

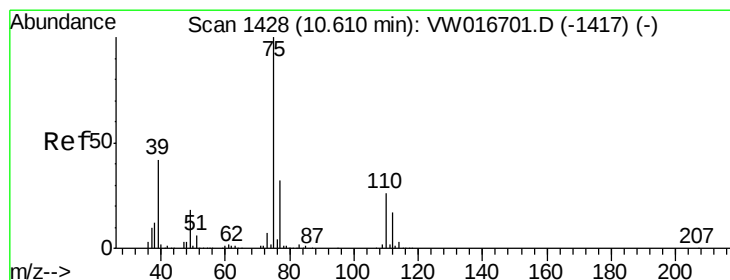
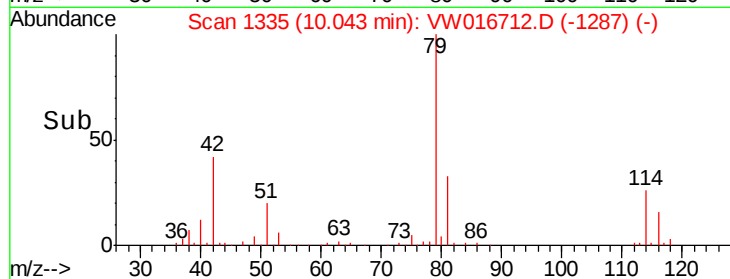
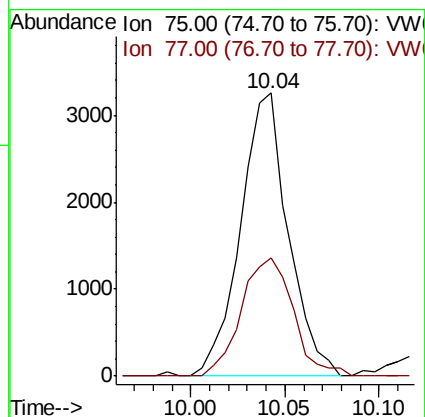
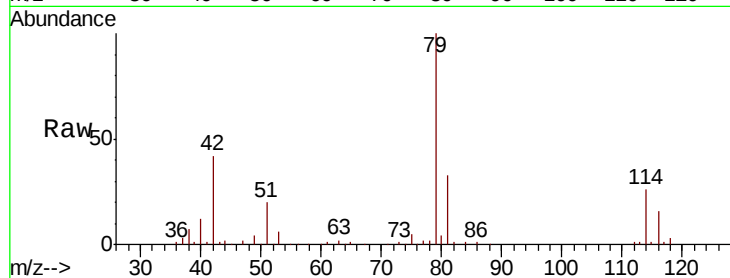
C0AM5

Tot Ion: 75 Resp: 5727

Ion Ratio Lower Upper

75 100

77 41.7 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.368 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW016712.D

Acq: 30 Sep 2020 15:16

Tgt Ion: 75 Resp: 3474

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9

