

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073020\
 Data File : VW016009.D
 Acq On : 30 Jul 2020 14:22
 Operator : SY/VA
 Sample : L3492-15
 Misc : 9.29G/10ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 31 06:37:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 06:34:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	408060	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380391	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166274	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	110712	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.92%
7) Chloroethane-d5	2.90	69	92312	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.96%
10) 1,1-Dichloroethene-d2	4.01	63	171587	14.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.96%
20) 2-Butanone-d5	7.09	46	67550	44.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.32%
24) Chloroform-d	7.65	84	237916	20.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.04%
26) 1,2-Dichloroethane-d4	8.31	65	130250	20.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.80%
29) Benzene-d6	8.28	84	476124	20.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.24%
33) 1,2-Dichloropropane-d6	9.27	67	150215	21.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.56%
37) Toluene-d8	10.33	98	419392	20.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.00%
38) trans-1,3-Dichloropropene-	10.58	79	57458	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.68%
39) 2-Hexanone-d5	10.93	63	48239	41.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	119487	22.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	142686	22.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.04%

Target Compounds

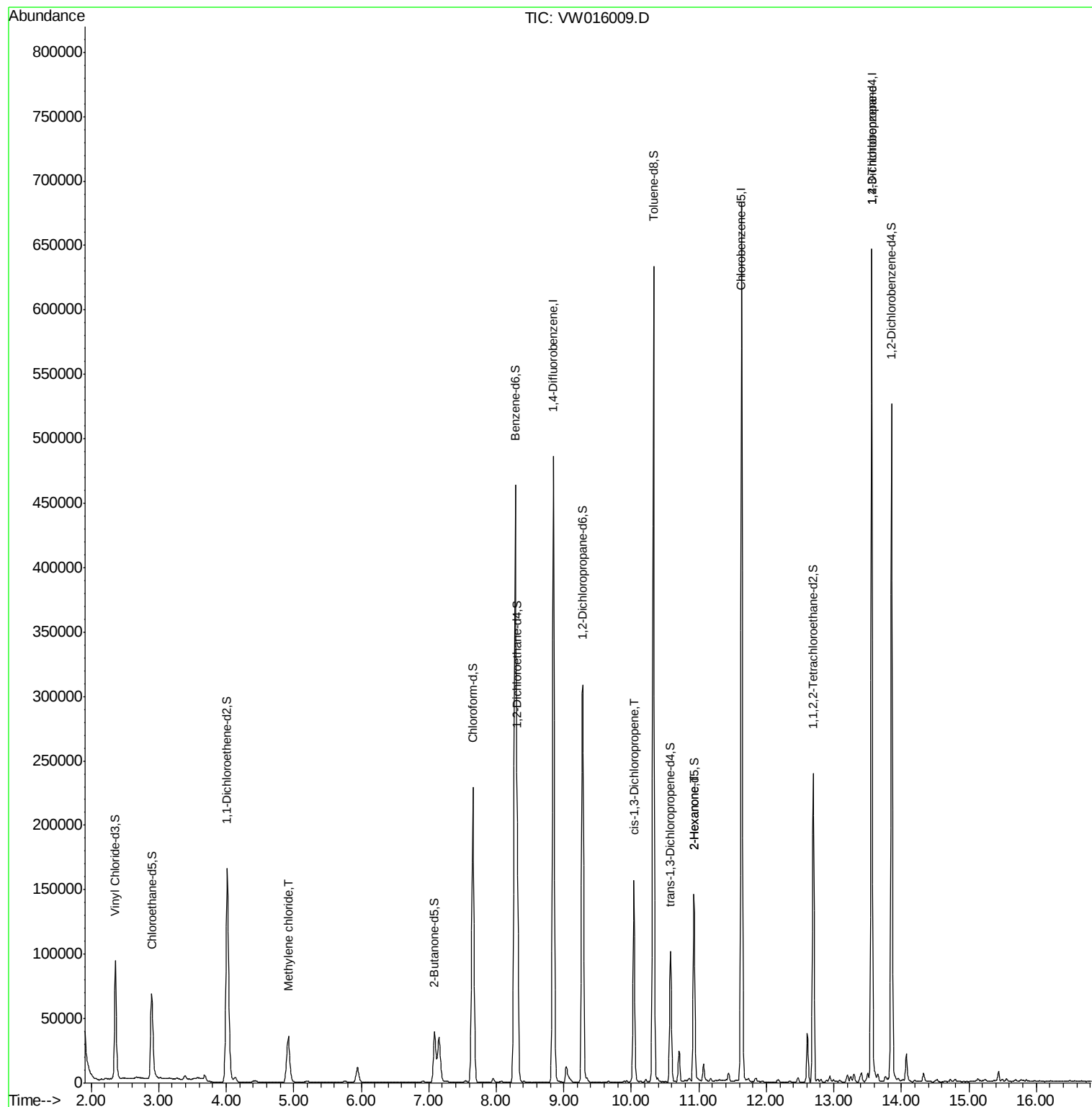
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	4.92	84	28860	4.316	ug/L	91
42) cis-1,3-Dichloropropene	10.04	75	3796	0.435	ug/L #	81
49) 2-Hexanone	10.93	43	6036	2.546	ug/L #	68
59) 1,2,3-Trichloropropane	13.56	75	20558	5.677	ug/L	94

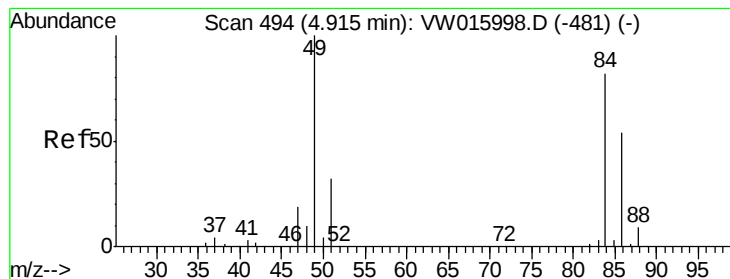
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 31 06:34:21 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 4.316 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW016009.D

Acq: 30 Jul 2020 14:22

Instrument :

MSVOA_W

ClientSampled :

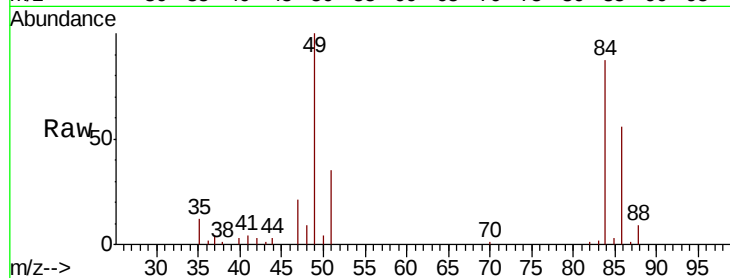
Tot Ion: 84 Resp: 28860

Ion Ratio Lower Upper

84 100

49 114.9 91.1 169.1

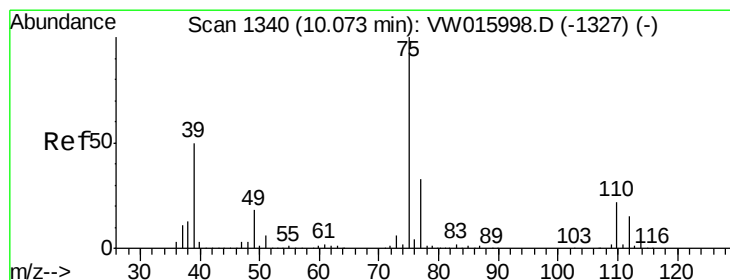
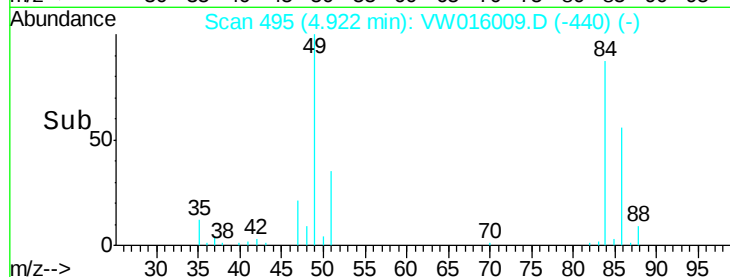
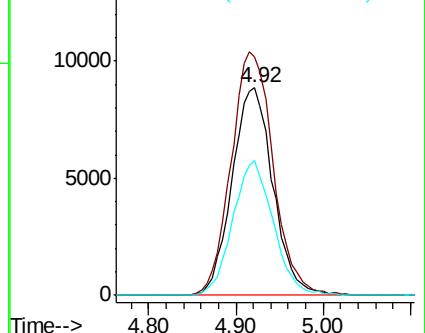
86 64.7 46.0 85.4



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



#42

cis-1,3-Dichloropropene

Concen: 0.435 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016009.D

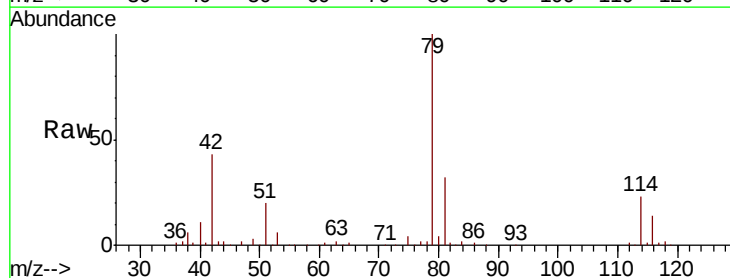
Acq: 30 Jul 2020 14:22

Tgt Ion: 75 Resp: 3796

Ion Ratio Lower Upper

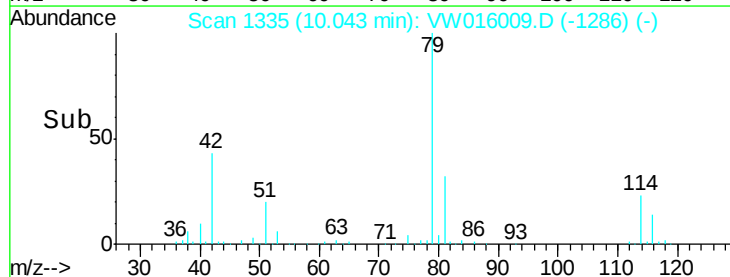
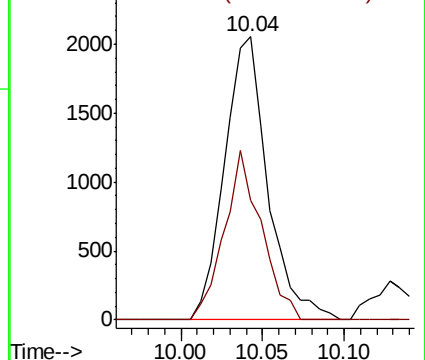
75 100

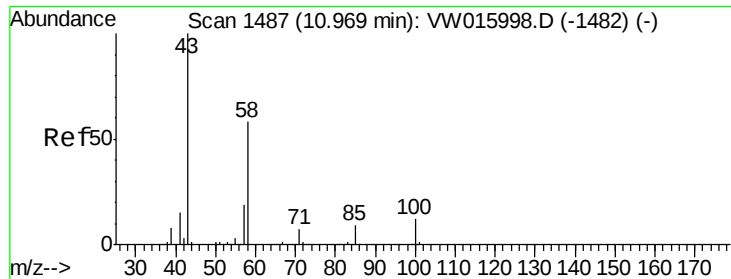
77 42.1 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#49

2-Hexanone

Concen: 2.546 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW016009.D

Acq: 30 Jul 2020 14:22

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 6036

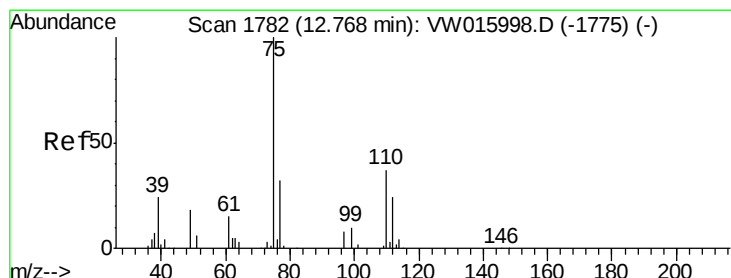
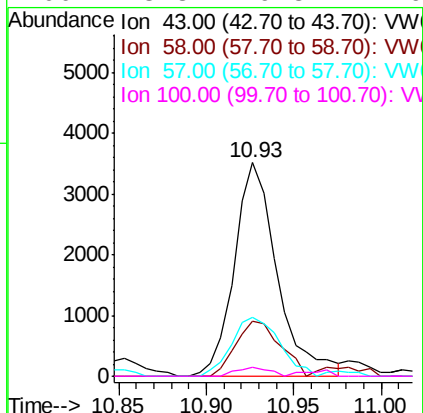
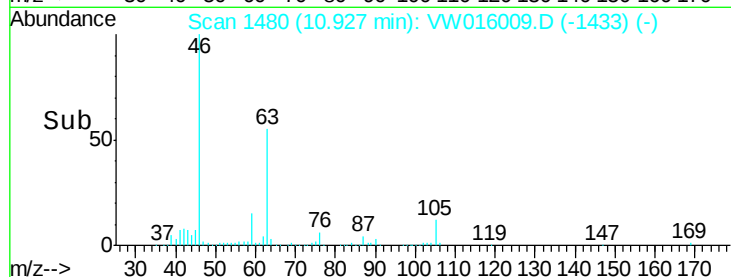
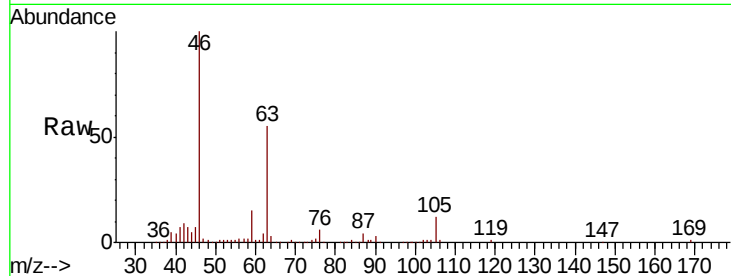
Ion Ratio Lower Upper

43 100

58 26.4 42.4 63.6#

57 30.4 15.6 23.4#

100 3.3 9.8 14.6#



#59

1,2,3-Trichloropropane

Concen: 5.677 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016009.D

Acq: 30 Jul 2020 14:22

Tgt Ion: 75 Resp: 20558

Ion Ratio Lower Upper

75 100

77 35.7 26.0 39.0

