

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015984.D
 Acq On : 28 Jul 2020 15:16
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 04:40:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 29 04:38:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	428805	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407552	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182104	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	101209	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.92%
7) Chloroethane-d5	2.90	69	97285	19.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.20%
10) 1,1-Dichloroethene-d2	4.02	63	174920	14.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.20%
20) 2-Butanone-d5	7.09	46	87547	55.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.16%
24) Chloroform-d	7.65	84	260397	21.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.48%
26) 1,2-Dichloroethane-d4	8.31	65	148038	22.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.56%
29) Benzene-d6	8.28	84	517065	20.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.36%
33) 1,2-Dichloropropane-d6	9.27	67	162296	21.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.28%
37) Toluene-d8	10.33	98	454391	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.88%
38) trans-1,3-Dichloropropene-	10.58	79	62156	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.44%
39) 2-Hexanone-d5	10.93	63	65964	53.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141377	24.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	158922	22.38	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.52%

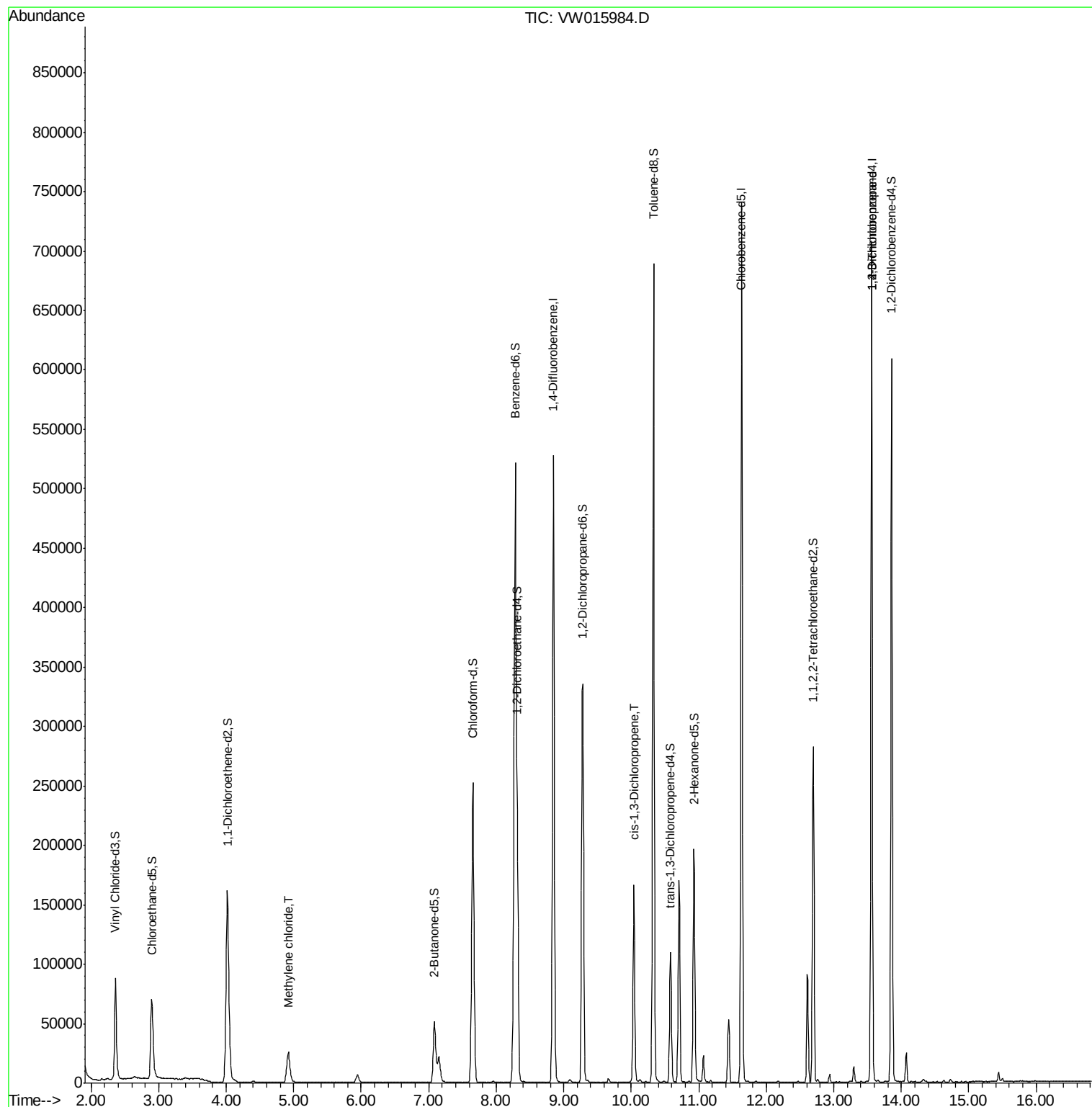
Target Compounds					Ovalue
16) Methylene chloride	4.92	84	20777	2.957 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	4193	0.449 ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	22197	5.721 ug/L	91

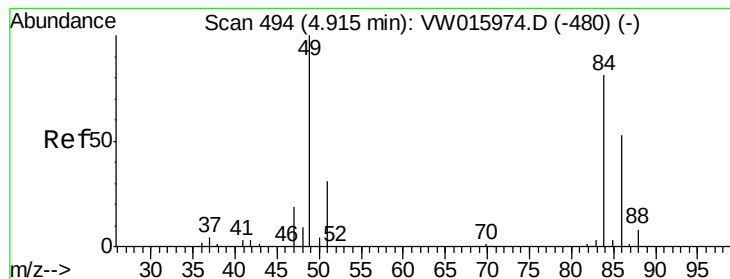
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 2.957 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015984.D

Acq: 28 Jul 2020 15:16

Instrument :

MSVOA_W

ClientSampled :

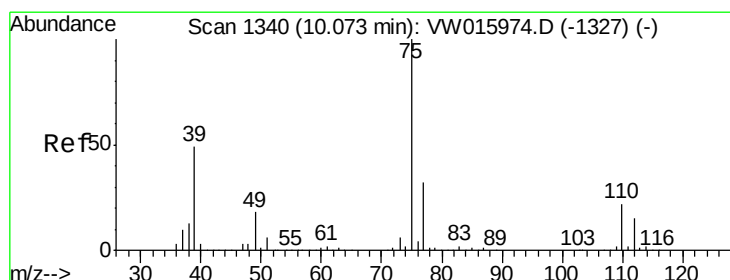
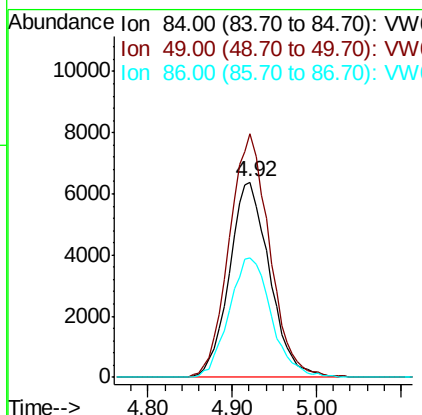
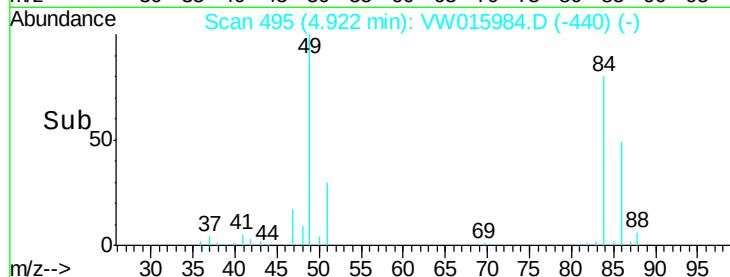
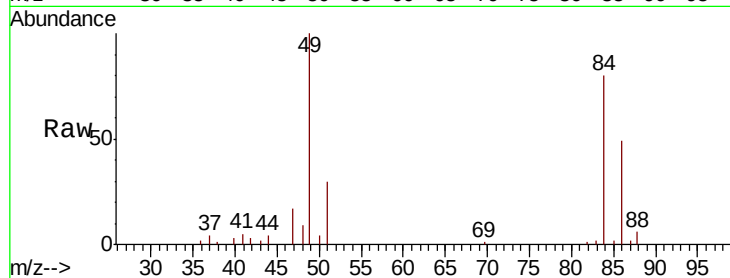
Tot Ion: 84 Resp: 20777

Ion Ratio Lower Upper

84 100

49 124.8 91.1 169.1

86 60.9 46.0 85.4



#42

cis-1,3-Dichloropropene

Concen: 0.449 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

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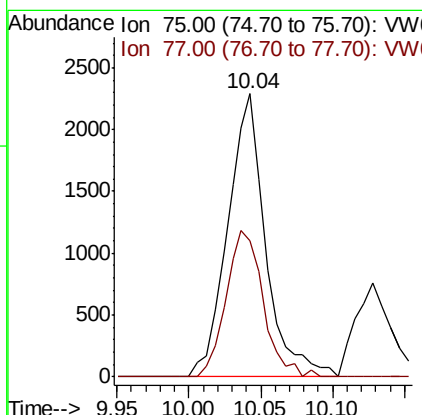
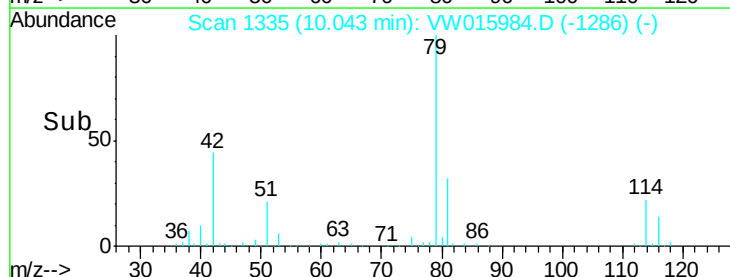
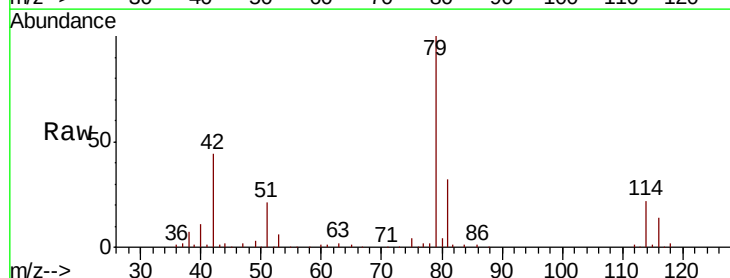
Acq: 28 Jul 2020 15:16

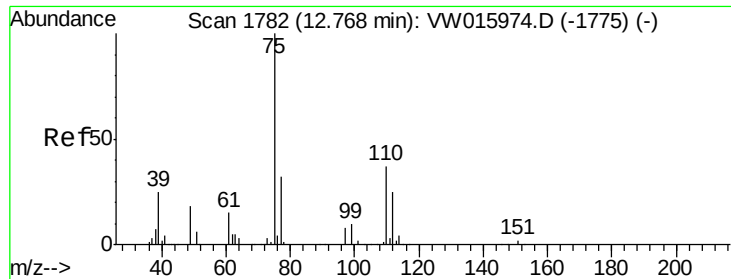
Tgt Ion: 75 Resp: 4193

Ion Ratio Lower Upper

75 100

77 48.3 22.2 41.2#





#59

1,2,3-Trichloropropane

Concen: 5.721 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015984.D

Acq: 28 Jul 2020 15:16

Instrument :

MSVOA_W

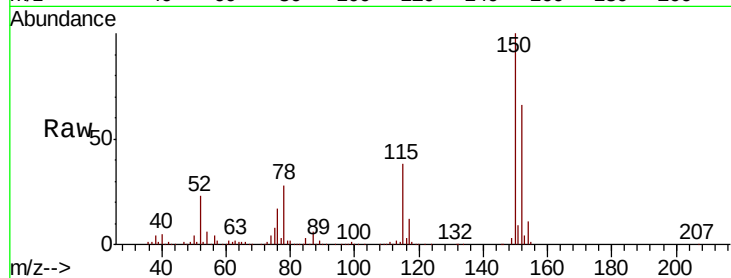
ClientSampleId :

Tot Ion: 75 Resp: 22197

Ion Ratio Lower Upper

75 100

77 37.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

