

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015982.D
 Acq On : 28 Jul 2020 14:29
 Operator : SY/VA
 Sample : L3458-14
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 04:40:37 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	509682	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	472981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217294	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135157	18.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.16%
7) Chloroethane-d5	2.90	69	109464	18.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.96%
10) 1,1-Dichloroethene-d2	4.01	63	205969	14.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.68%
20) 2-Butanone-d5	7.09	46	80117	42.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.82%
24) Chloroform-d	7.65	84	283953	19.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.36%
26) 1,2-Dichloroethane-d4	8.31	65	159461	20.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.16%
29) Benzene-d6	8.28	84	568645	19.75	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.00%
33) 1,2-Dichloropropane-d6	9.28	67	178898	20.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.92%
37) Toluene-d8	10.33	98	515528	19.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.08%
38) trans-1,3-Dichloropropene-	10.58	79	72570	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.92%
39) 2-Hexanone-d5	10.93	63	65270	45.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145100	21.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	182257	21.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.04%

Target Compounds

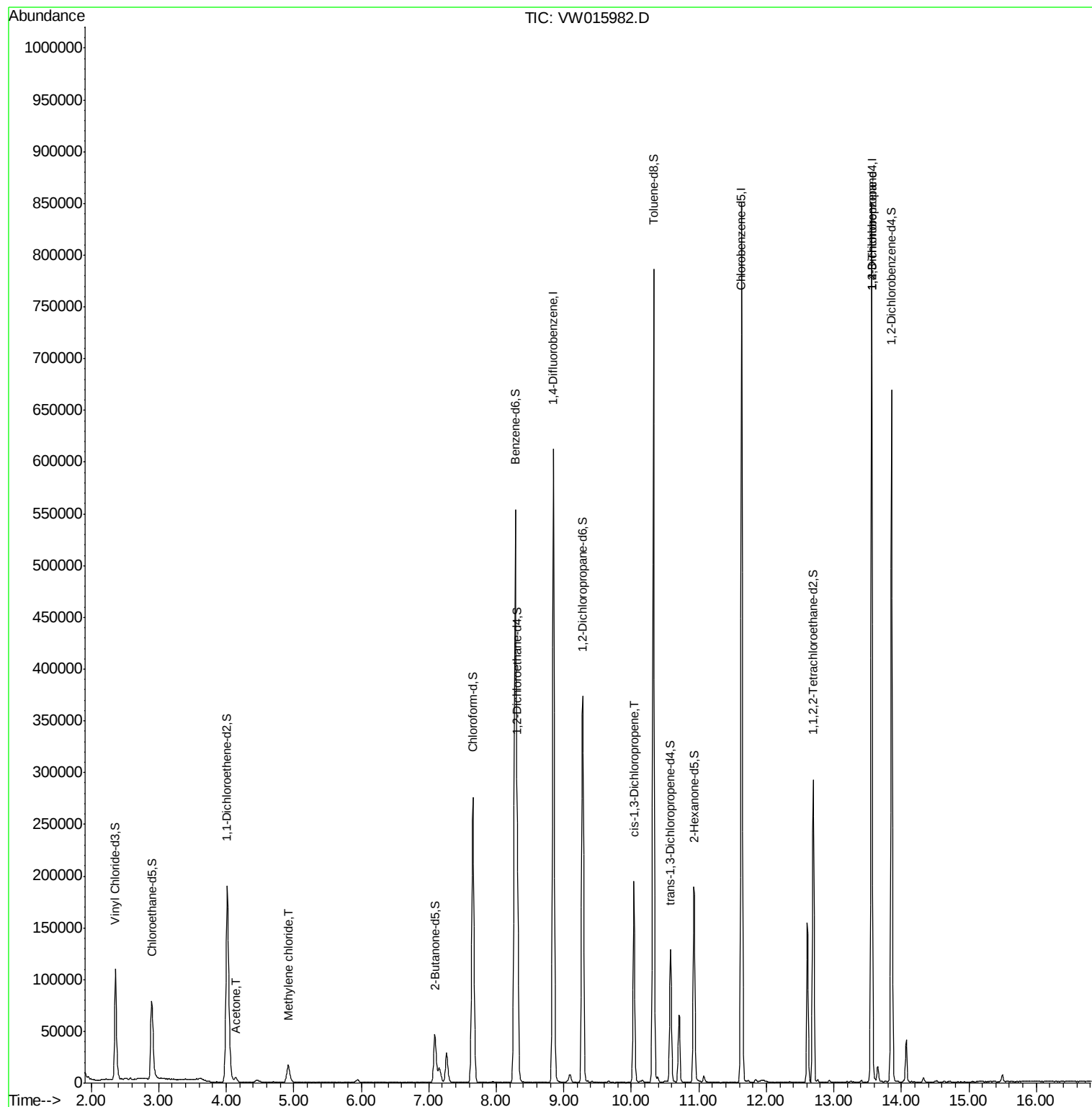
					Ovalue
13) Acetone	4.15	43	7944	5.007 ug/L	98
16) Methylene chloride	4.92	84	13502	1.617 ug/L	89
42) cis-1,3-Dichloropropene	10.04	75	4360	0.402 ug/L #	51
59) 1,2,3-Trichloropropane	13.56	75	26662	5.922 ug/L	93

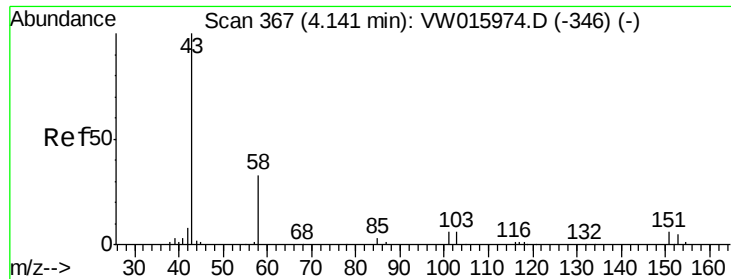
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 29 04:38:00 2020
Response via : Initial Calibration

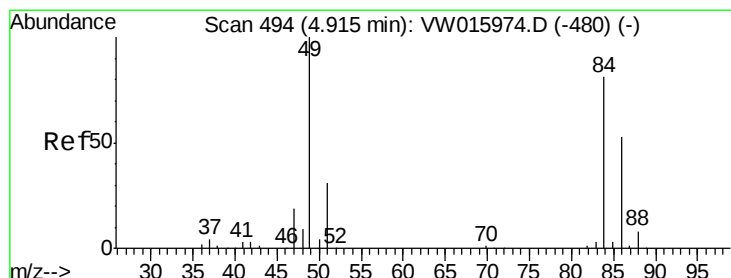
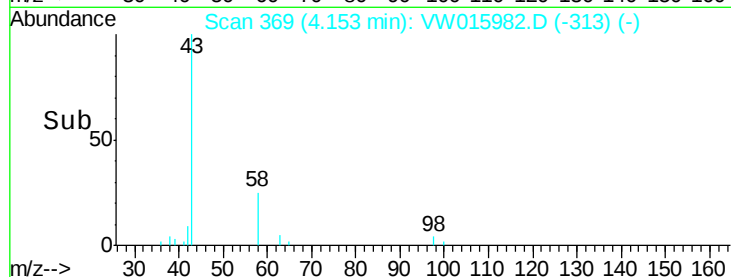
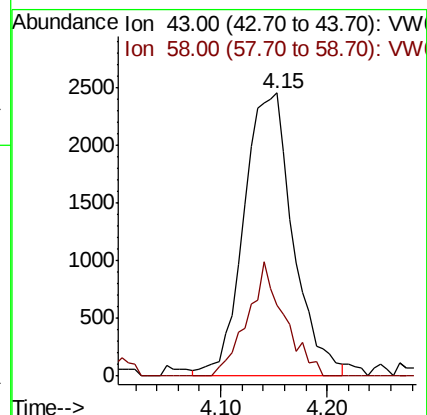
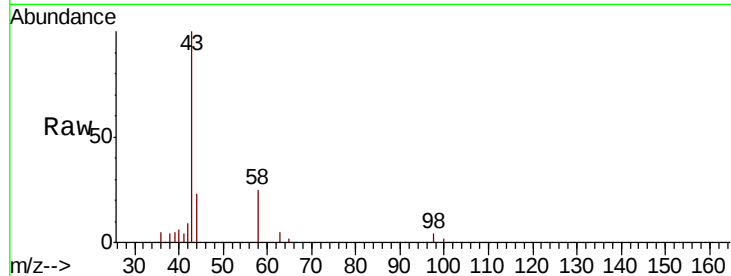




#13
Acetone
Concen: 5.007 ug/L
RT: 4.15 min Scan# 369
Delta R.T. 0.01 min
Lab File: VW015982.D
Acq: 28 Jul 2020 14:29

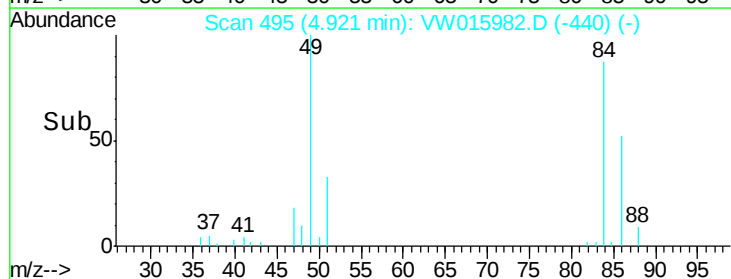
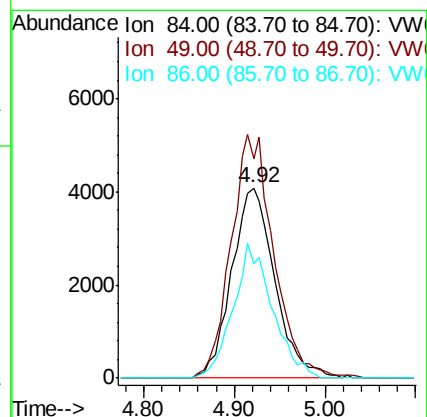
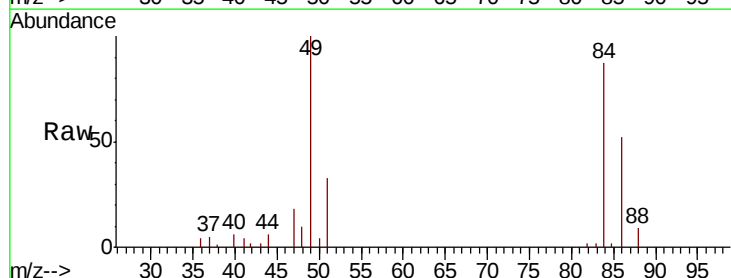
Instrument :
MSVOA_W
ClientSampled :

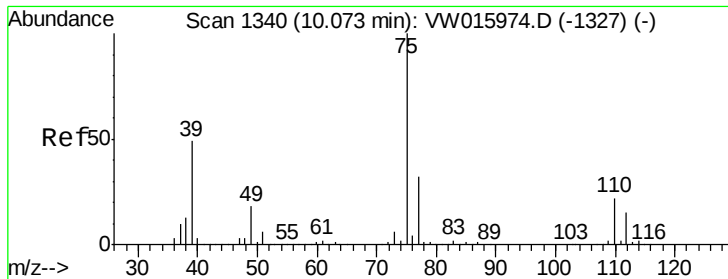
Tot Ion: 43 Resp: 7944
Ion Ratio Lower Upper
43 100
58 30.4 0.0 58.2



#16
Methylene chloride
Concen: 1.617 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW015982.D
Acq: 28 Jul 2020 14:29

Tgt Ion: 84 Resp: 13502
Ion Ratio Lower Upper
84 100
49 115.4 91.1 169.1
86 60.4 46.0 85.4





#42

cis-1,3-Dichloropropene

Concen: 0.402 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015982.D

Acq: 28 Jul 2020 14:29

Instrument :

MSVOA_W

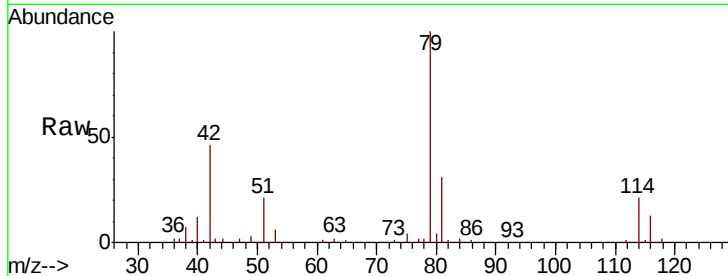
ClientSampled :

Tot Ion: 75 Resp: 4360

Ion Ratio Lower Upper

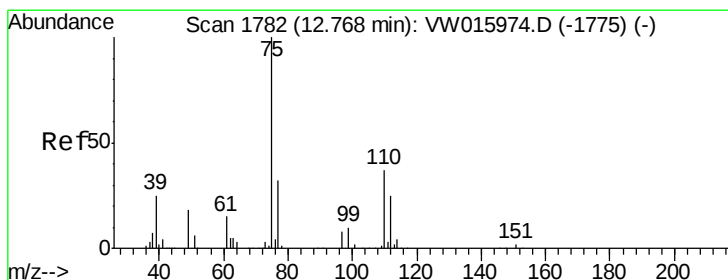
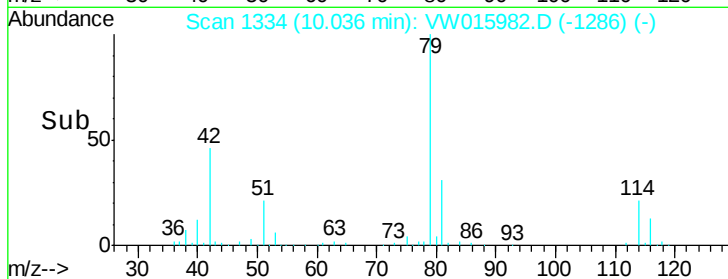
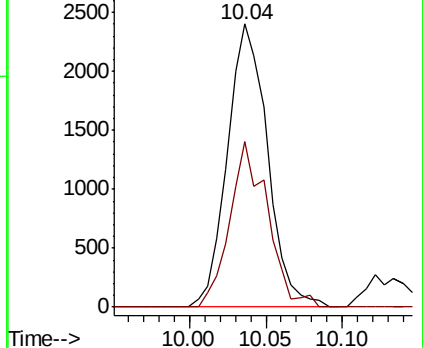
75 100

77 58.7 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 5.922 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015982.D

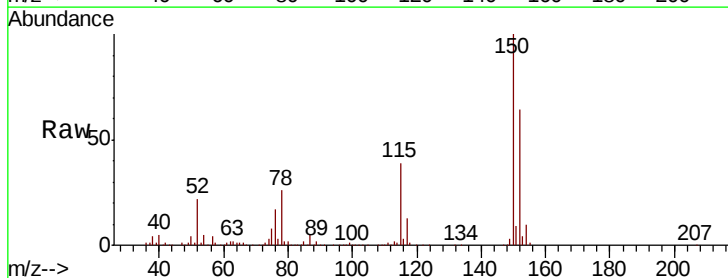
Acq: 28 Jul 2020 14:29

Tgt Ion: 75 Resp: 26662

Ion Ratio Lower Upper

75 100

77 36.4 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

