

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072820\
 Data File : VW015980.D
 Acq On : 28 Jul 2020 13:42
 Operator : SY/VA
 Sample : L3458-12
 Misc : 8.86G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 29 04:40:18 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	547225	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	514887	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	229442	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	124558	16.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.52%
7) Chloroethane-d5	2.90	69	101299	16.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.60%
10) 1,1-Dichloroethene-d2	4.01	63	192729	12.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.40%
20) 2-Butanone-d5	7.09	46	76872	37.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.80%
24) Chloroform-d	7.65	84	264114	17.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.72%
26) 1,2-Dichloroethane-d4	8.31	65	149956	17.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.08%
29) Benzene-d6	8.28	84	530544	16.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	67.72%
33) 1,2-Dichloropropane-d6	9.28	67	167369	17.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.24%
37) Toluene-d8	10.33	98	469192	16.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.12%
38) trans-1,3-Dichloropropene-	10.59	79	67976	16.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.88%
39) 2-Hexanone-d5	10.93	63	60694	38.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.60%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139487	19.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	168046	18.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.12%

Target Compounds

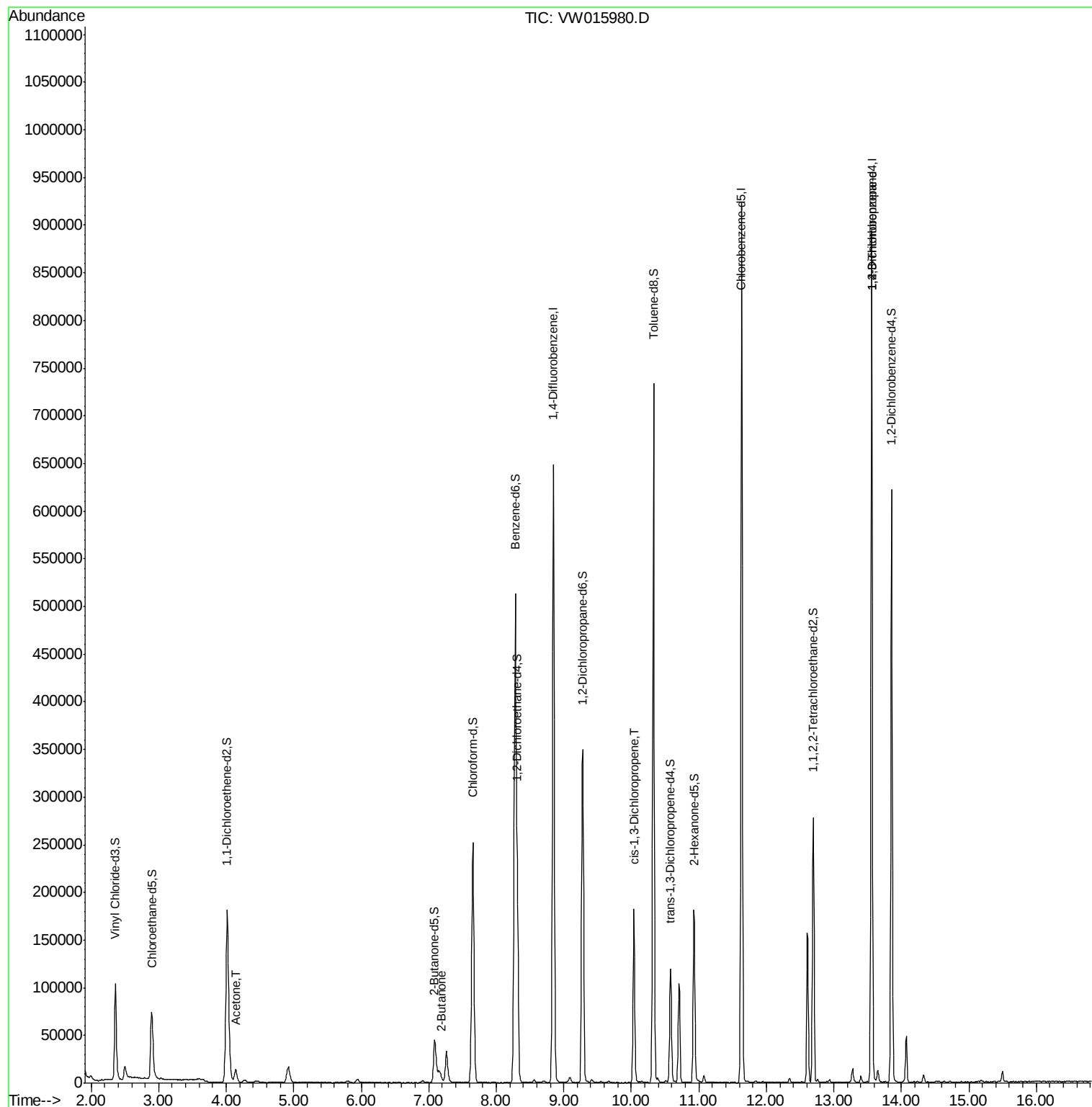
					Ovalue
13) Acetone	4.14	43	23415	13.746 ug/L	79
21) 2-Butanone	7.19	43	4609	2.188 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4254	0.361 ug/L #	71
59) 1,2,3-Trichloropropane	13.56	75	28988	5.914 ug/L	94

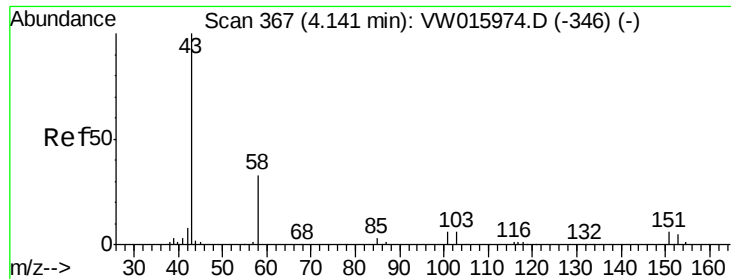
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.746 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.00 min

Lab File: VW015980.D

Acq: 28 Jul 2020 13:42

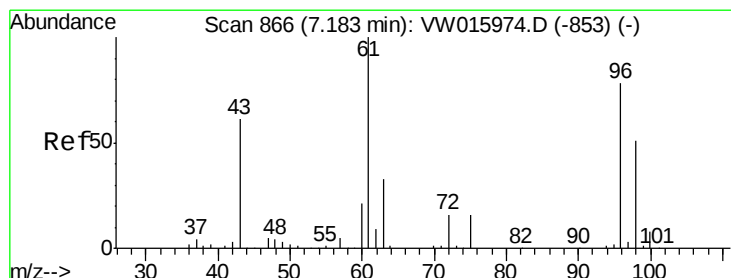
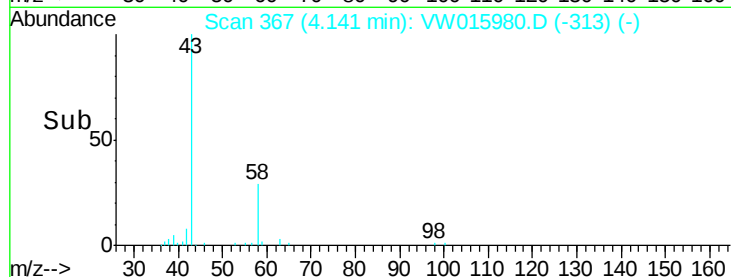
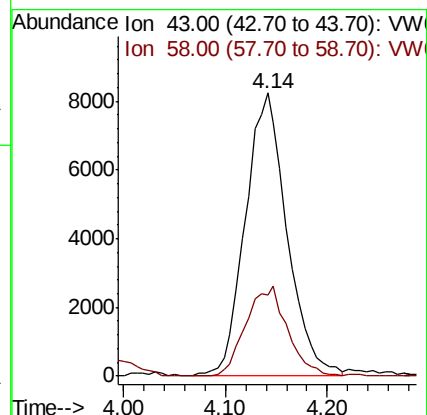
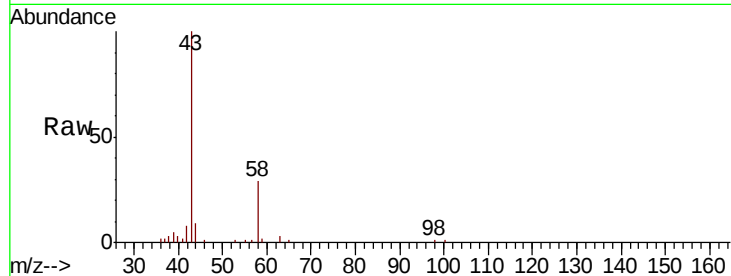
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 23415

Ion Ratio Lower Upper

43 100

58 17.9 0.0 58.2



#21

2-Butanone

Concen: 2.188 ug/L

RT: 7.19 min Scan# 867

Delta R.T. 0.01 min

Lab File: VW015980.D

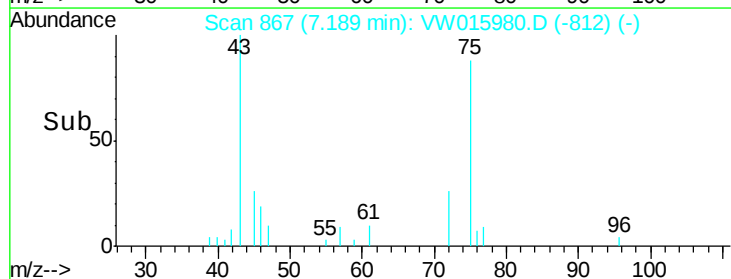
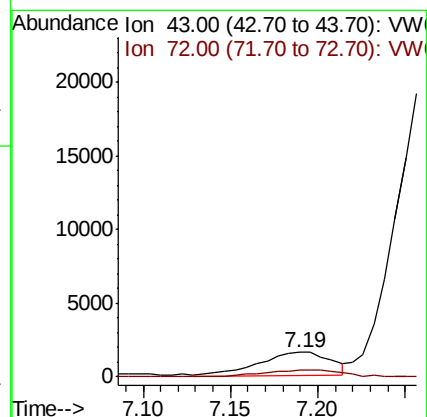
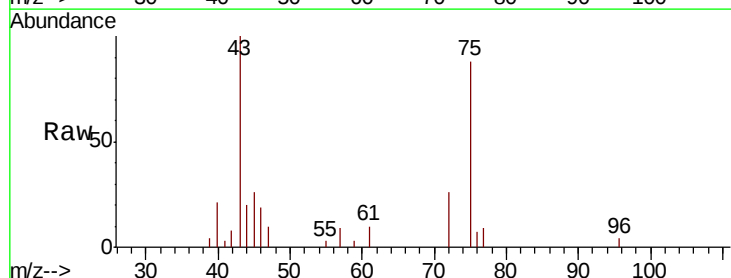
Acq: 28 Jul 2020 13:42

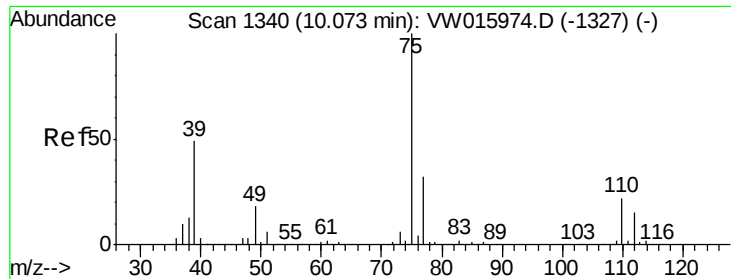
Tgt Ion: 43 Resp: 4609

Ion Ratio Lower Upper

43 100

72 30.1 13.9 41.7





#42

cis-1,3-Dichloropropene

Concen: 0.361 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW015980.D

Acq: 28 Jul 2020 13:42

Instrument :

MSVOA_W

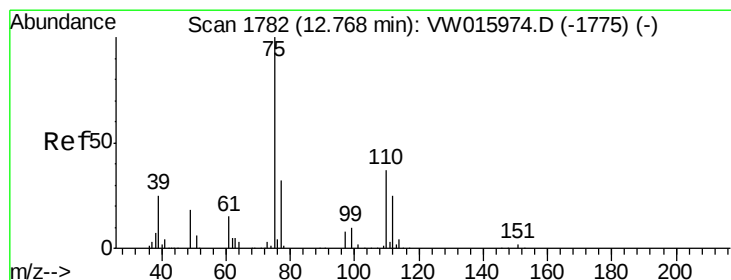
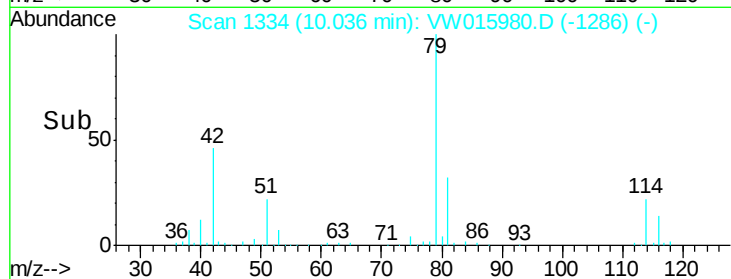
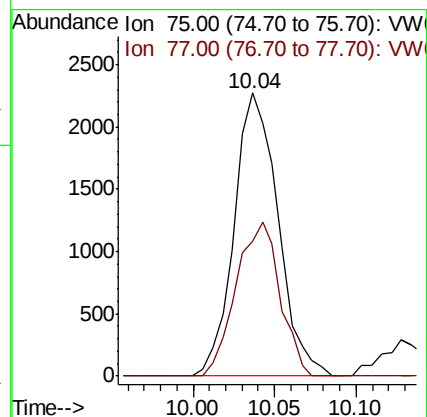
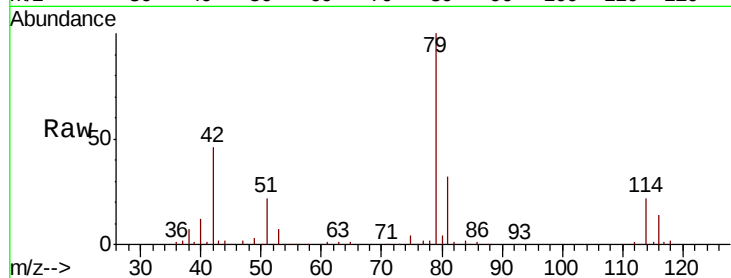
ClientSampled :

Tot Ion: 75 Resp: 4254

Ion Ratio Lower Upper

75 100

77 47.6 22.2 41.2#



#59

1,2,3-Trichloropropane

Concen: 5.914 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW015980.D

Acq: 28 Jul 2020 13:42

Tgt Ion: 75 Resp: 28988

Ion Ratio Lower Upper

75 100

77 35.9 26.0 39.0

