

Data File : VW014405.D
Acq On : 17 Dec 2019 21:23
Operator : SY/VA
Sample : K6277-23
Misc : 3.70G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0C80

Quant Time: Dec 18 03:34:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 18 03:31:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	810069	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	549679	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107863	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	219432	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.56%
7) Chloroethane-d5	2.88	69	197062	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
10) 1,1-Dichloroethene-d2	4.02	63	301005	13.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.56%
20) 2-Butanone-d5	7.07	46	138287	43.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.52%
24) Chloroform-d	7.65	84	491450	23.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	8.30	65	243931	22.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.24%
29) Benzene-d6	8.27	84	966875	30.01	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.04%
33) 1,2-Dichloropropane-d6	9.27	67	327643	33.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	132.24%#
37) Toluene-d8	10.32	98	718744	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.68%
38) trans-1,3-Dichloropropene-	10.57	79	70139	16.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.48%
39) 2-Hexanone-d5	10.92	63	95967	48.70	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.40%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	215336	26.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	118145	28.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.64%

Target Compounds

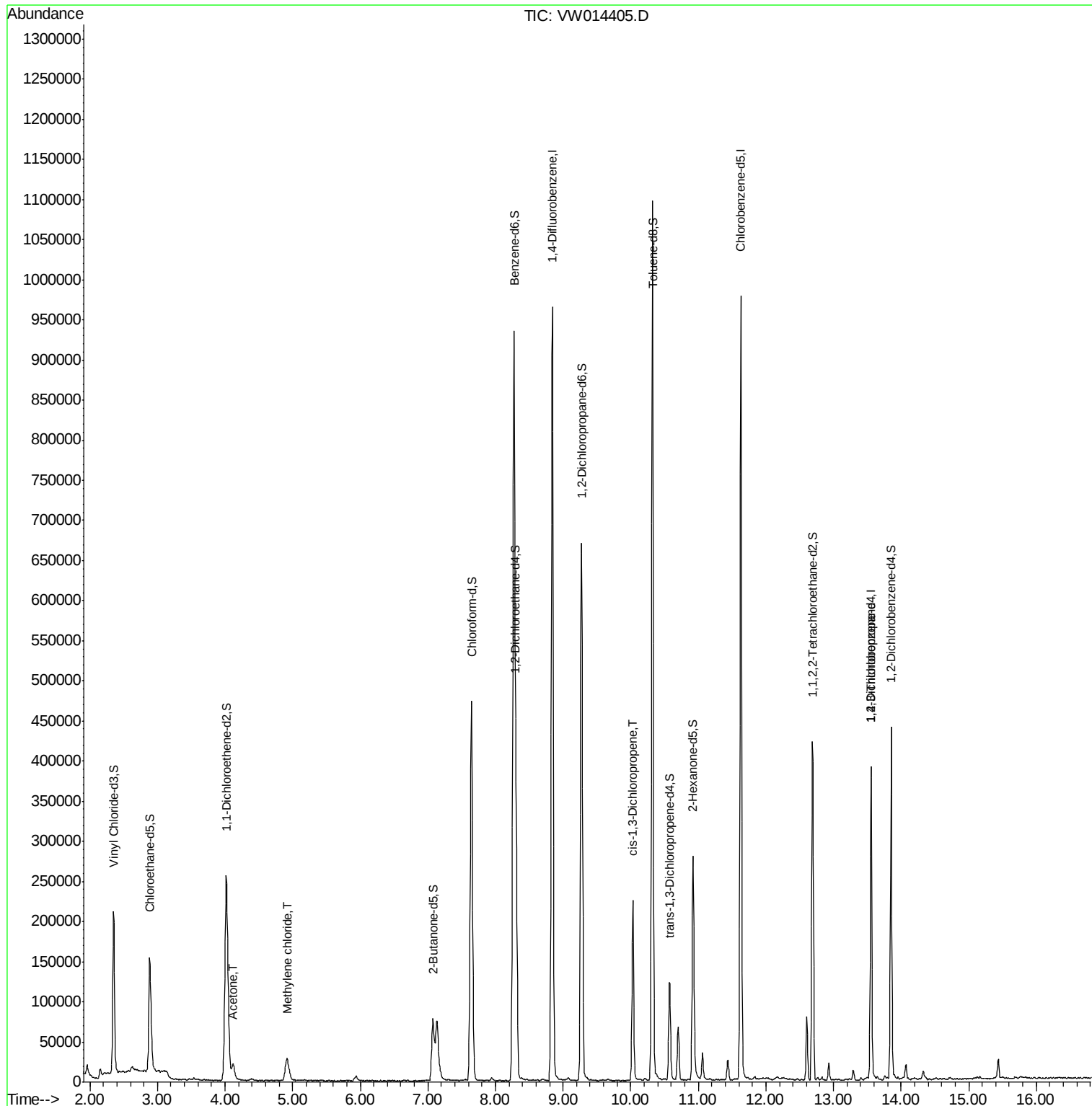
					Qvalue
13) Acetone	4.12	43	32330	10.490 ug/L	81
16) Methylene chloride	4.92	84	25690	2.069 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	4814	0.360 ug/L #	55
59) 1,2,3-Trichloropropane	13.55	75	12083	1.955 ug/L	90

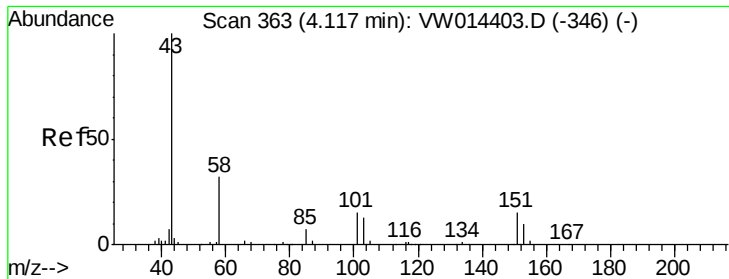
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.490 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampled :

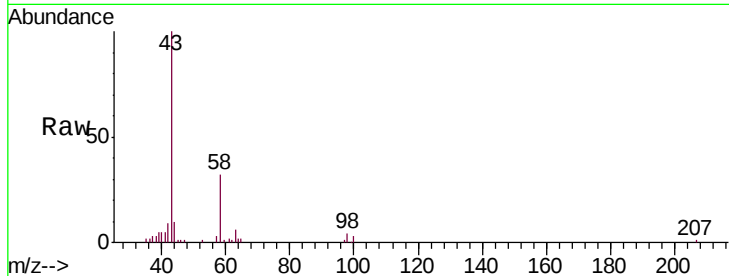
C0C80

Tgt Ion: 43 Resp: 32330

Ion Ratio Lower Upper

43 100

58 21.8 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

12000

10000

8000

6000

4000

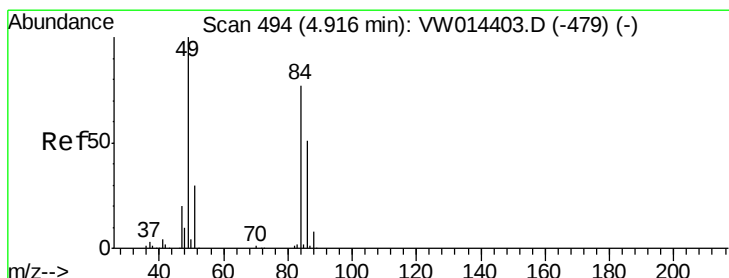
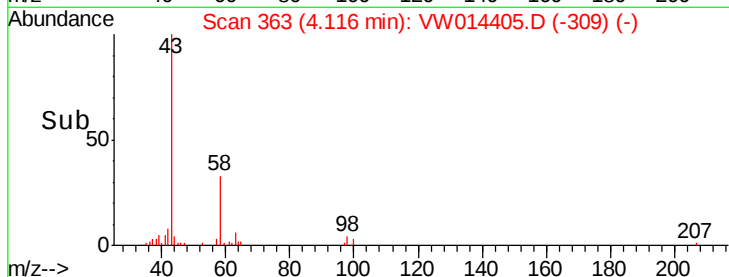
2000

0

Time-->

4.05 4.10 4.15 4.20

4.12



#16

Methylene chloride

Concen: 2.069 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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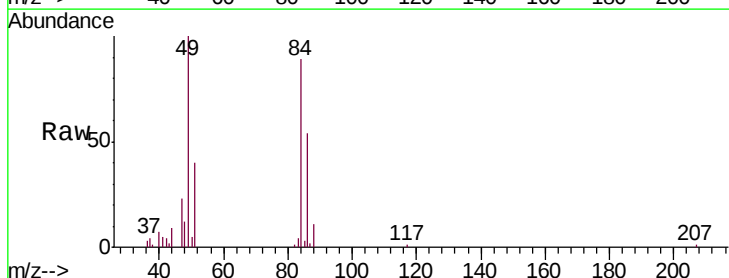
Tgt Ion: 84 Resp: 25690

Ion Ratio Lower Upper

84 100

49 112.5 84.2 156.4

86 60.6 43.7 81.1



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

10000

8000

6000

4000

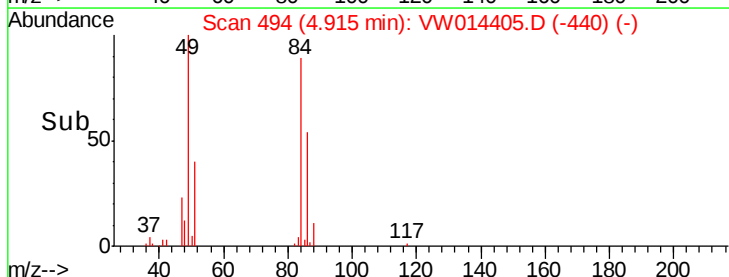
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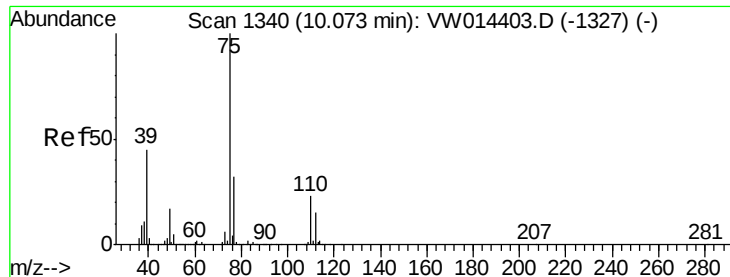
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Time-->

4.80 4.90 5.00

4.92





#42

cis-1,3-Dichloropropene

Concen: 0.360 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

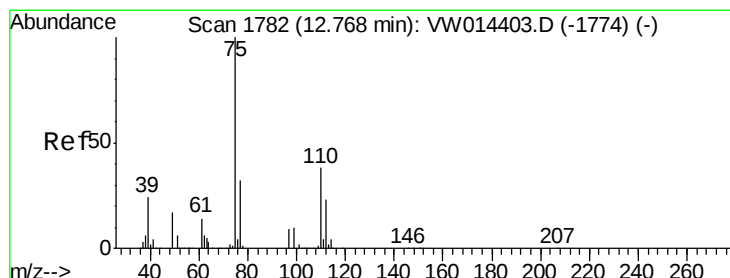
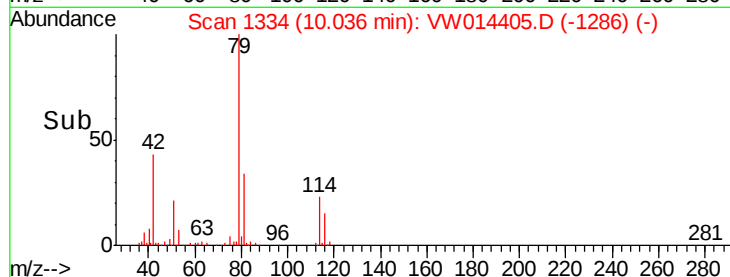
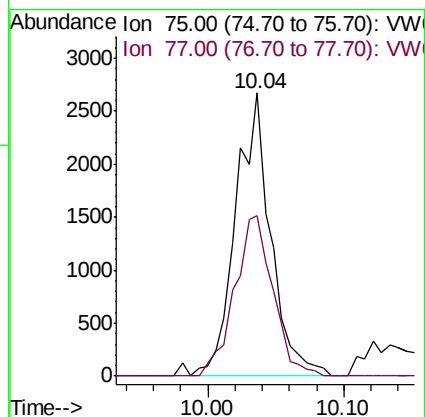
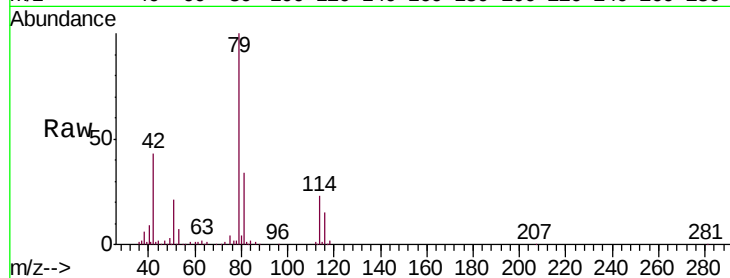
C0C80

Tgt Ion: 75 Resp: 4814

Ion Ratio Lower Upper

75 100

77 56.7 22.1 41.1#



#59

1,2,3-Trichloropropane

Concen: 1.955 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014405.D

Acq: 17 Dec 2019 21:23

Tgt Ion: 75 Resp: 12083

Ion Ratio Lower Upper

75 100

77 37.7 25.9 38.9

