

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011121\
 Data File : VW017813.D
 Acq On : 11 Jan 2021 12:54
 Operator : SY/VA
 Sample : M1074-01
 Misc : 6.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 05:25:58 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 12 05:24:59 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339382	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294635	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125853	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	123126	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.80%
7) Chloroethane-d5	2.89	69	98855	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
10) 1,1-Dichloroethene-d2	4.02	63	163594	17.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.52%
20) 2-Butanone-d5	7.07	46	30531	35.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.74%
24) Chloroform-d	7.65	84	192588	21.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.88%
26) 1,2-Dichloroethane-d4	8.41	65	51	0.01	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	393687	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	9.27	67	108337	23.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.72%
37) Toluene-d8	10.32	98	365388	22.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.68%
38) trans-1,3-Dichloropropene-	10.58	79	41435	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.28%
39) 2-Hexanone-d5	10.93	63	19768	34.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.82%
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	62075	18.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	92199	21.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.16%

Target Compounds

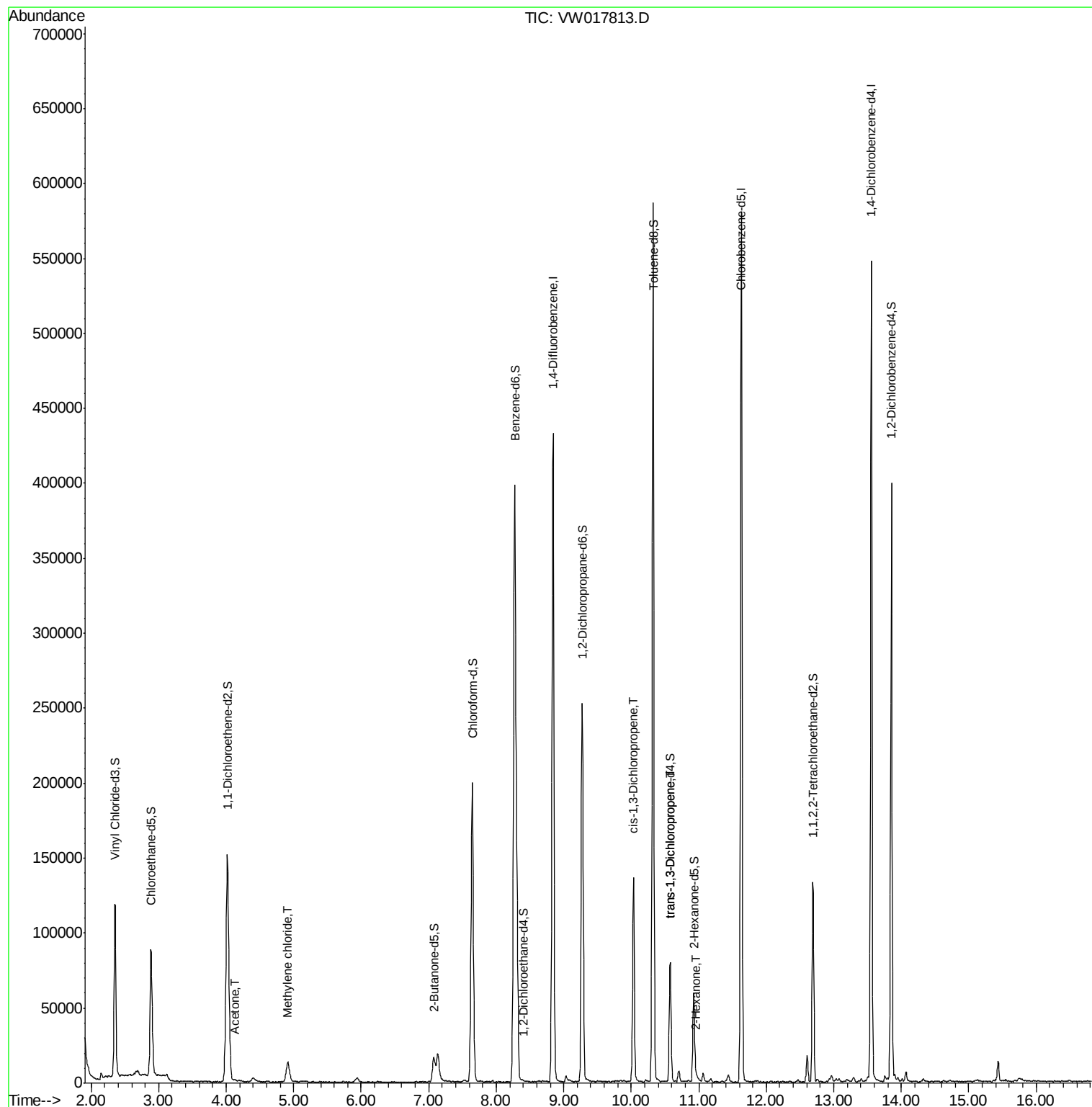
					Ovalue
13) Acetone	4.12	43	1220	1.660 ug/L	95
16) Methylene chloride	4.91	84	10013	2.063 ug/L	96
42) cis-1,3-Dichloropropene	10.03	75	4457	0.702 ug/L #	78
45) trans-1,3-Dichloropropene	10.57	75	2469	0.457 ug/L	89
49) 2-Hexanone	10.97	43	1304	0.951 ug/L #	85

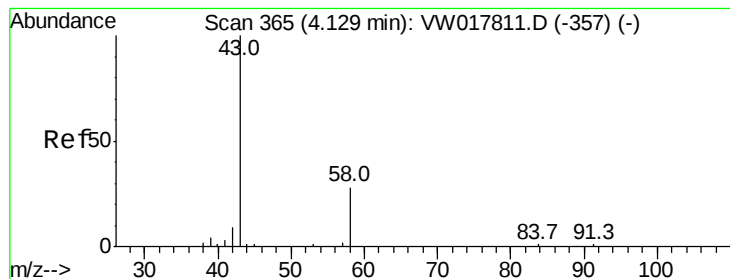
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 12 05:24:59 2021
Response via : Initial Calibration





#13

Acetone

Concen: 1.660 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017813.D

Acq: 11 Jan 2021 12:54

Instrument :

MSVOA_W

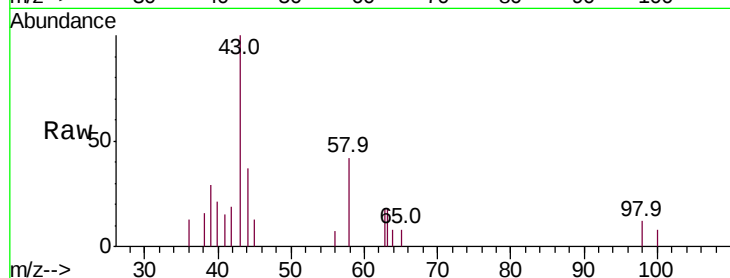
ClientSampleId :

Tot Ion: 43 Resp: 1220

Ion Ratio Lower Upper

43 100

58 27.7 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

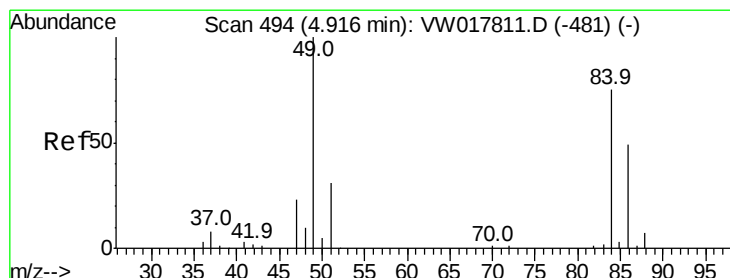
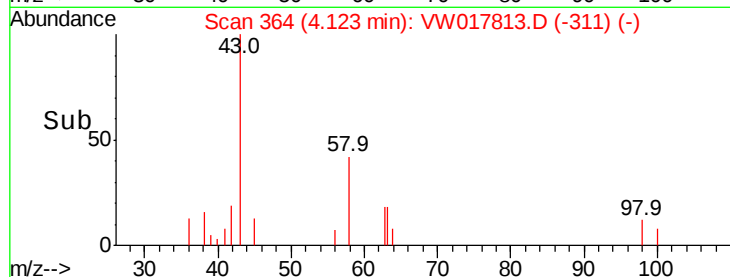
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 2.063 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW017813.D

Acq: 11 Jan 2021 12:54

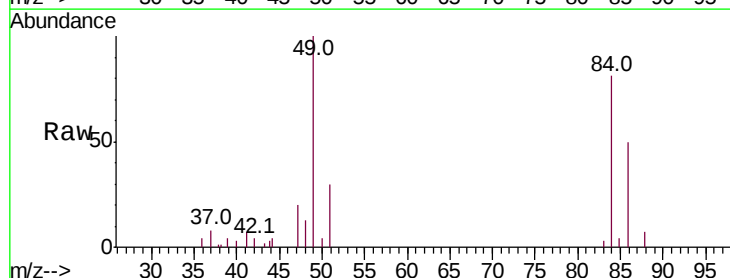
Tgt Ion: 84 Resp: 10013

Ion Ratio Lower Upper

84 100

49 123.7 90.5 168.1

86 61.5 44.8 83.2



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

5000

4000

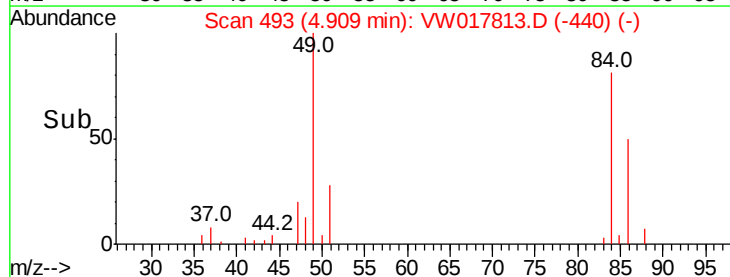
3000

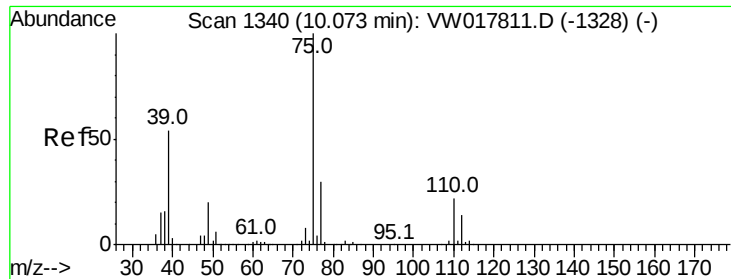
2000

1000

0

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.702 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW017813.D

Acq: 11 Jan 2021 12:54

Instrument :

MSVOA_W

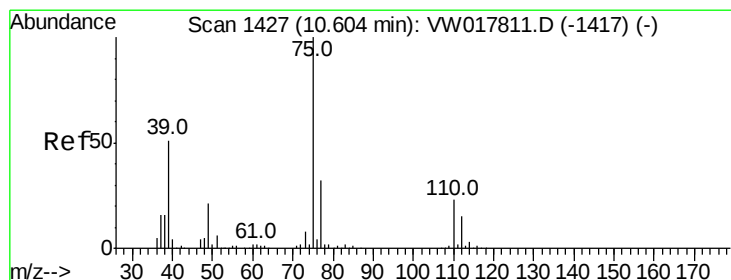
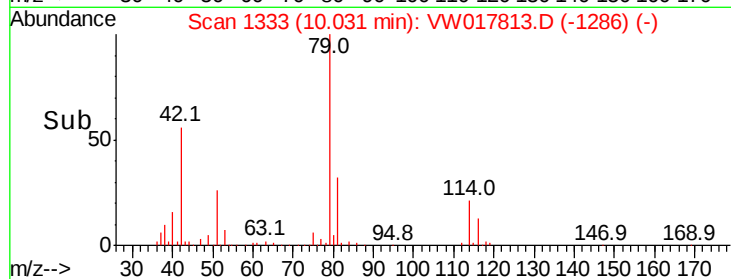
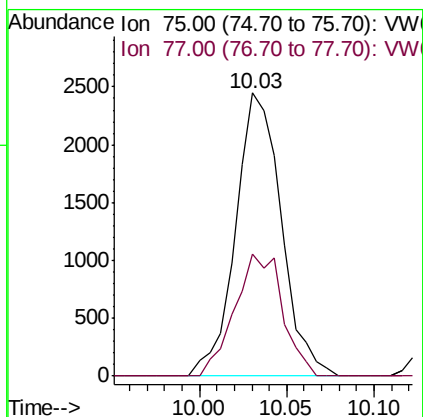
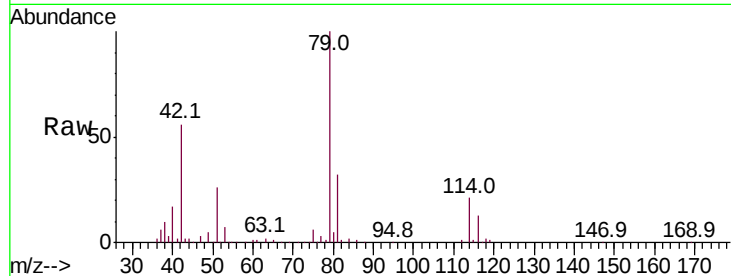
ClientSampled :

Tot Ion: 75 Resp: 4457

Ion Ratio Lower Upper

75 100

77 43.1 21.6 40.2#



#45

trans-1,3-Dichloropropene

Concen: 0.457 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017813.D

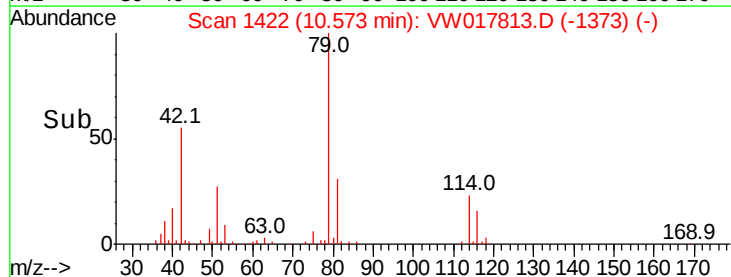
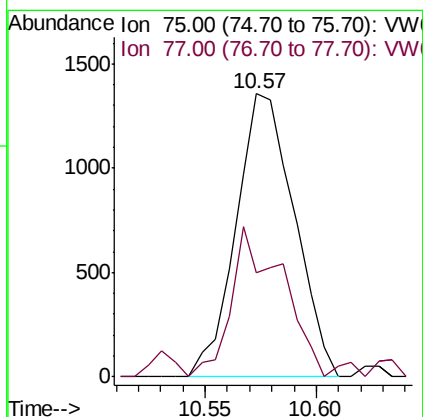
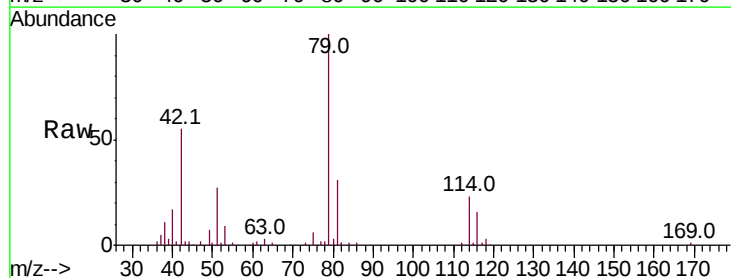
Acq: 11 Jan 2021 12:54

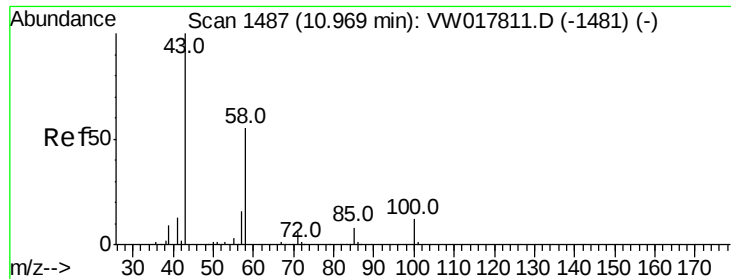
Tgt Ion: 75 Resp: 2469

Ion Ratio Lower Upper

75 100

77 36.9 21.6 40.0





#49

2-Hexanone

Concen: 0.951 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017813.D

Acq: 11 Jan 2021 12:54

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 1304

Ion Ratio Lower Upper

43 100

58 66.9 44.2 66.4#

57 27.2 16.1 24.1#

100 9.6 11.0 16.4#

