

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040720\
 Data File : VW015159.D
 Acq On : 07 Apr 2020 13:13
 Operator : SY/VA
 Sample : L2176-01
 Misc : 5.17G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 08 06:12:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM032520S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 08 06:10:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	711538	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	633019	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	261146	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	189813	15.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.80%
7) Chloroethane-d5	2.89	69	182568	18.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.08%
10) 1,1-Dichloroethene-d2	4.02	63	292815	11.86	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.44%
20) 2-Butanone-d5	7.08	46	93135	33.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.60%
24) Chloroform-d	7.65	84	365153	17.17	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.68%
26) 1,2-Dichloroethane-d4	8.30	65	214156	17.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.56%#
29) Benzene-d6	8.27	84	716441	17.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.72%
33) 1,2-Dichloropropane-d6	9.27	67	239171	17.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	71.08%
37) Toluene-d8	10.32	98	606108	17.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.20%
38) trans-1,3-Dichloropropene-	10.58	79	82319	15.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.92%
39) 2-Hexanone-d5	10.93	63	57224	28.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146562	15.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	159127	17.51	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.04%#

Target Compounds

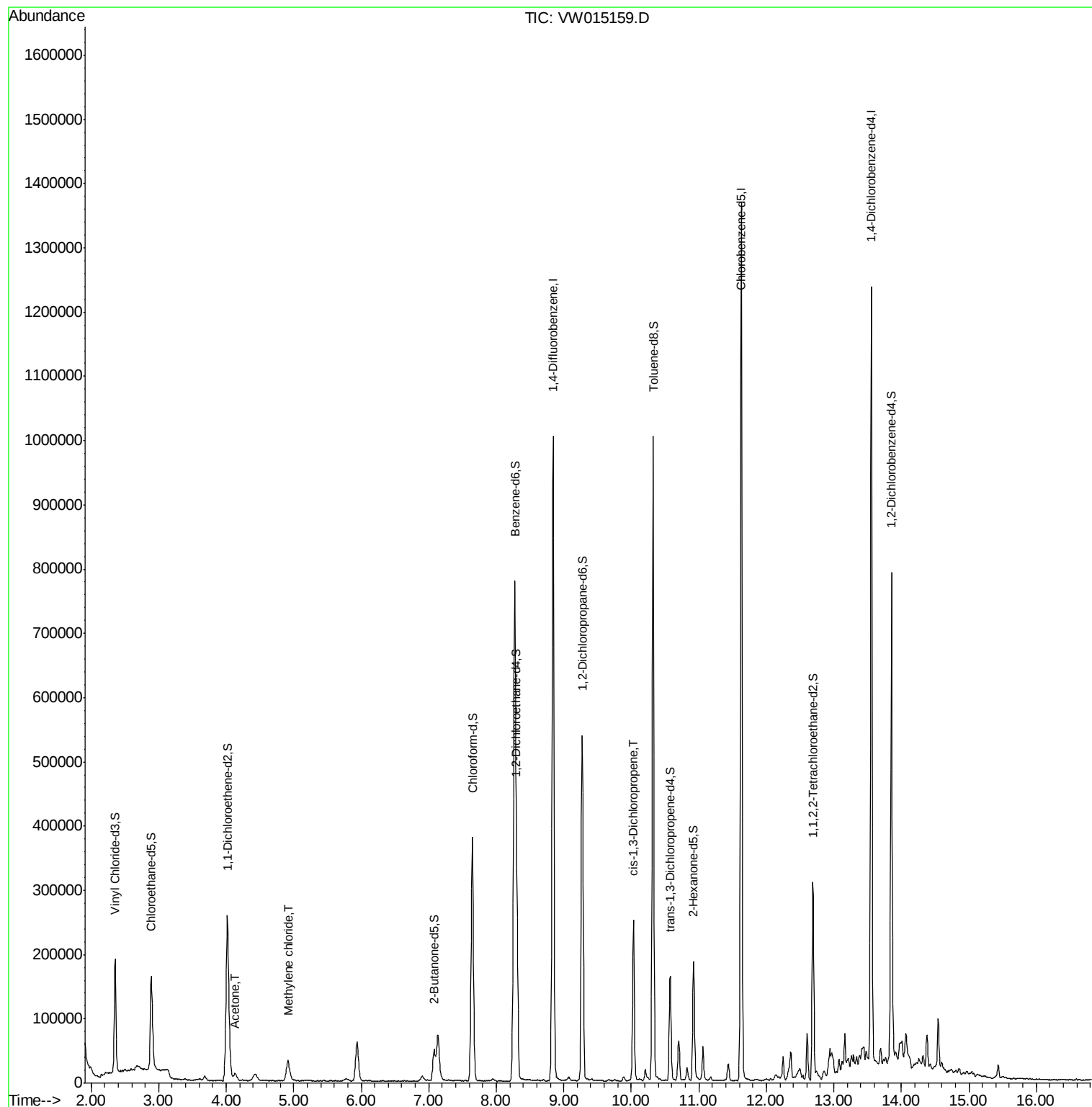
					Ovalue
13) Acetone	4.13	43	21277	8.523 ug/L	77
16) Methylene chloride	4.92	84	22703	1.867 ug/L	91
42) cis-1,3-Dichloropropene	10.03	75	6755	0.398 ug/L #	65

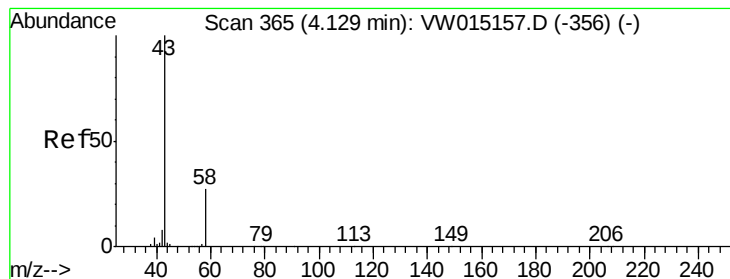
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.523 ug/L

RT: 4.13 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015159.D

Acq: 07 Apr 2020 13:13

Instrument :

MSVOA_W

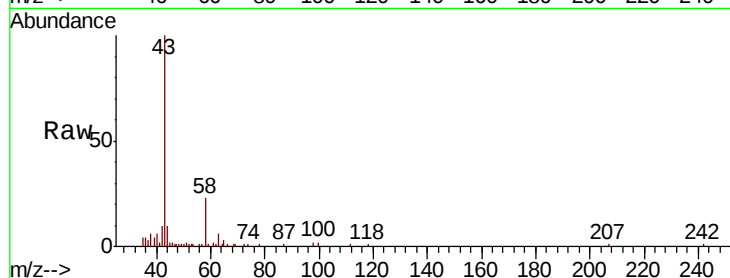
ClientSampleId :

Tot Ion: 43 Resp: 21277

Ion Ratio Lower Upper

43 100

58 15.3 0.0 54.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

8000

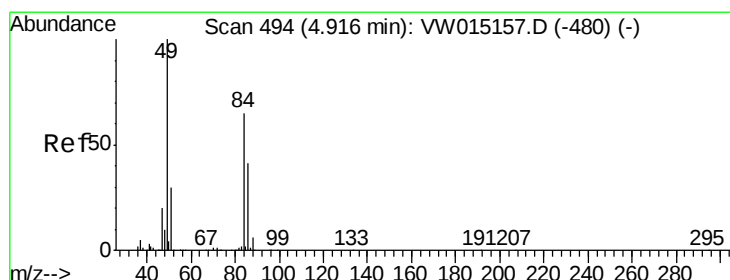
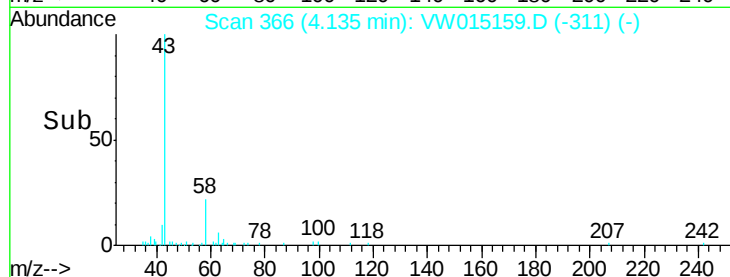
6000

4000

2000

0

Time-->



#16

Methylene chloride

Concen: 1.867 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW015159.D

Acq: 07 Apr 2020 13:13

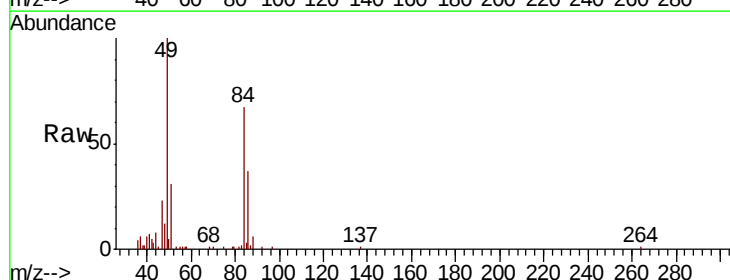
Tgt Ion: 84 Resp: 22703

Ion Ratio Lower Upper

84 100

49 149.6 111.7 207.5

86 55.3 44.7 82.9



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

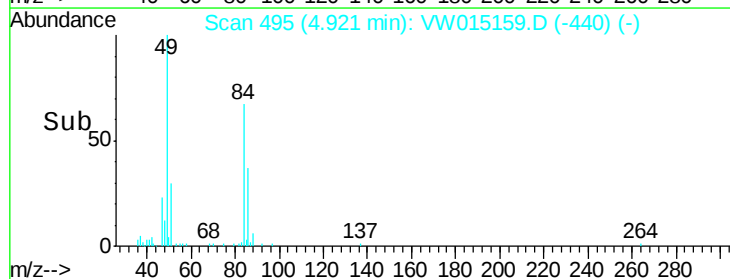
4.92

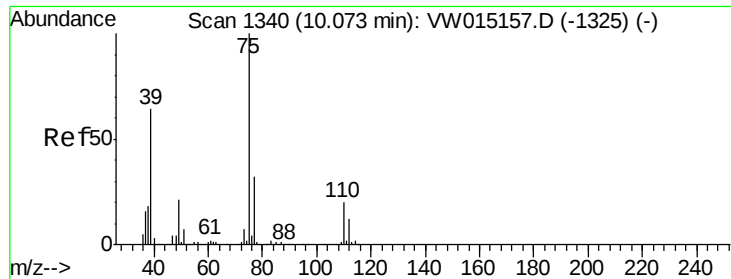
10000

5000

0

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.398 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW015159.D

Acq: 07 Apr 2020 13:13

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 6755

Ion Ratio Lower Upper

75 100

77 49.8 21.4 39.8#

