

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100120\
 Data File : VW016736.D
 Acq On : 01 Oct 2020 14:28
 Operator : SY/VA
 Sample : L4201-10RE
 Misc : 4.62G/10ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 01 21:35:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 21:33:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	640398	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	525728	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205178	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	111652	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.04%
7) Chloroethane-d5	2.90	69	107337	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	4.03	63	187071	13.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.00%
20) 2-Butanone-d5	7.09	46	66191	39.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.34%
24) Chloroform-d	7.66	84	312989	23.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	8.31	65	158419	23.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.16%
29) Benzene-d6	8.28	84	591335	25.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.32%
33) 1,2-Dichloropropane-d6	9.28	67	170517	26.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.76%
37) Toluene-d8	10.33	98	535008	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.24%
38) trans-1,3-Dichloropropene-	10.58	79	65411	20.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.24%
39) 2-Hexanone-d5	10.93	63	54637	47.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	134210	24.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	159900	24.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.56%

Target Compounds

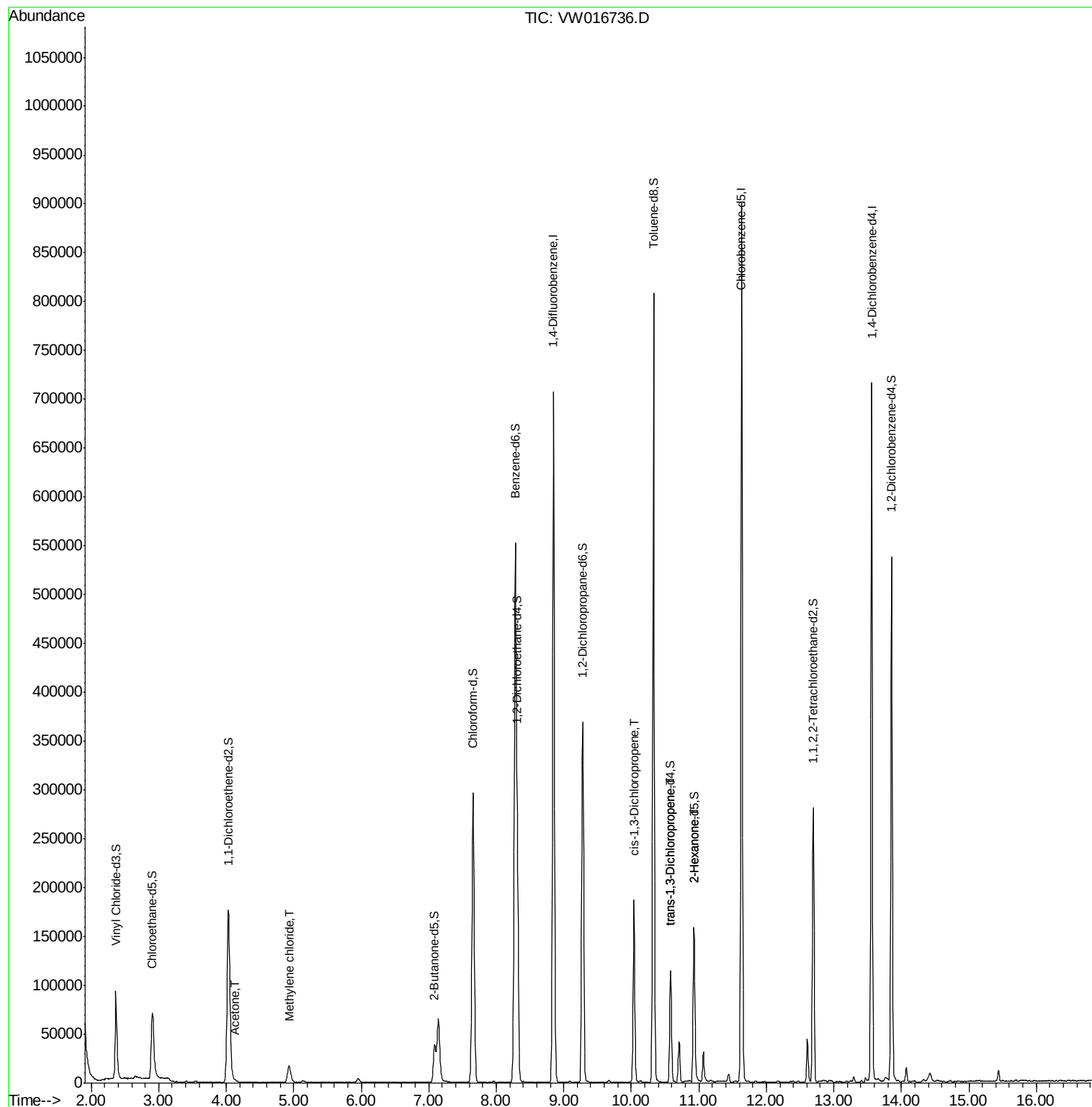
					Ovalue
13) Acetone	4.13	43	3194	2.413 ug/L	89
16) Methylene chloride	4.93	84	15457	1.565 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	5130	0.458 ug/L #	64
45) trans-1,3-Dichloropropene	10.58	75	2922	0.300 ug/L #	68
49) 2-Hexanone	10.93	43	8222	3.111 ug/L #	67

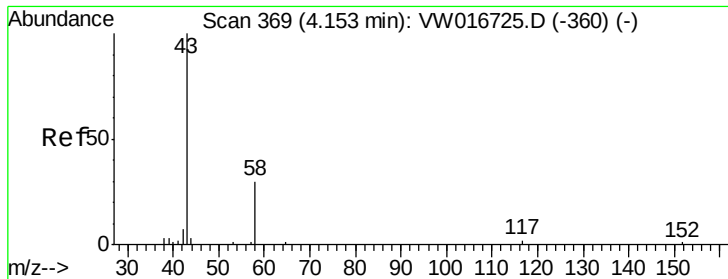
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 01 21:33:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.413 ug/L

RT: 4.13 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW016736.D

Acq: 01 Oct 2020 14:28

Instrument :

MSVOA_W

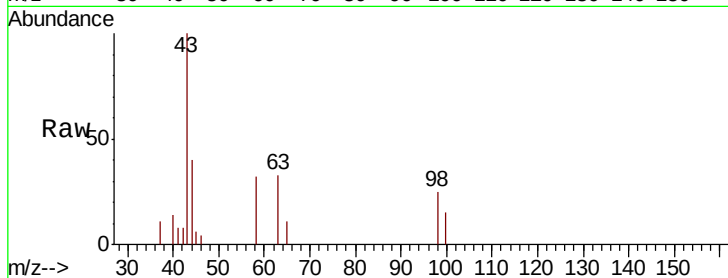
ClientSampled :

Tot Ion: 43 Resp: 3194

Ion Ratio Lower Upper

43 100

58 24.4 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

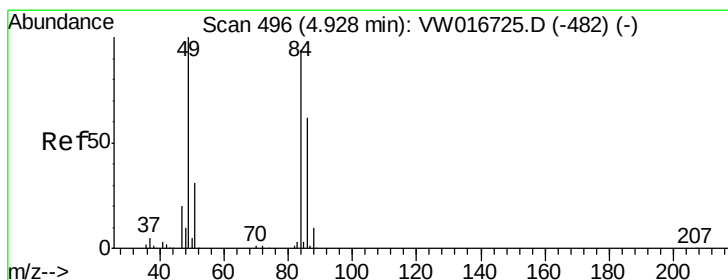
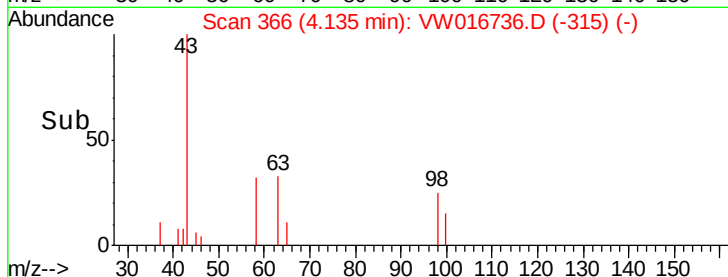
4.13

1000

500

0

Time-->



#16

Methylene chloride

Concen: 1.565 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.01 min

Lab File: VW016736.D

Acq: 01 Oct 2020 14:28

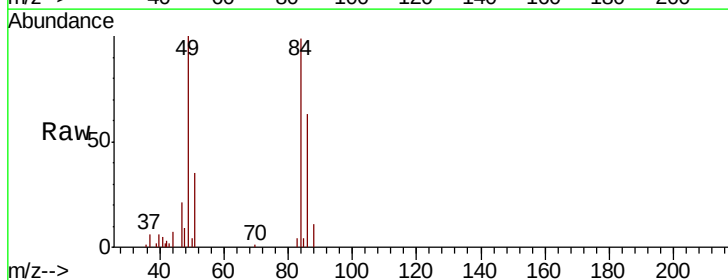
Tgt Ion: 84 Resp: 15457

Ion Ratio Lower Upper

84 100

49 101.0 76.0 141.2

86 63.2 45.6 84.6



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

4.93

6000

5000

4000

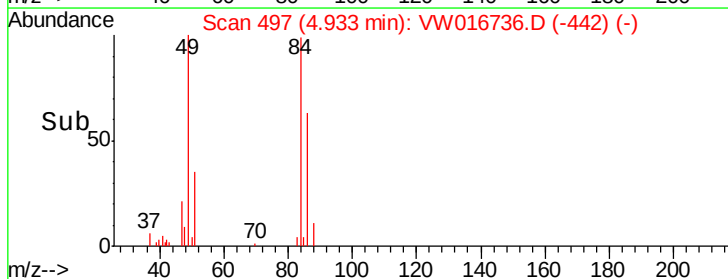
3000

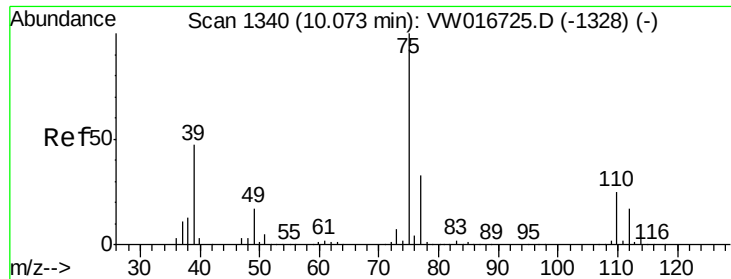
2000

1000

0

Time-->





#42

cis-1,3-Dichloropropene

Concen: 0.458 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW016736.D

Acq: 01 Oct 2020 14:28

Instrument :

MSVOA_W

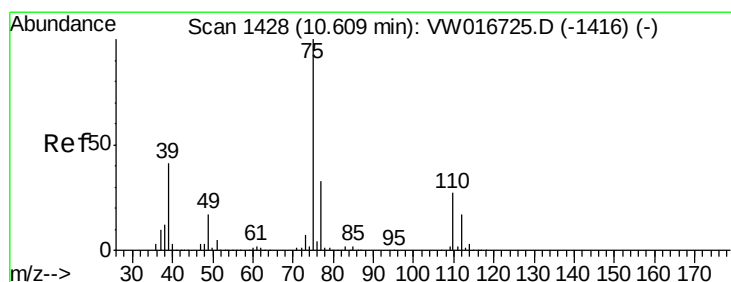
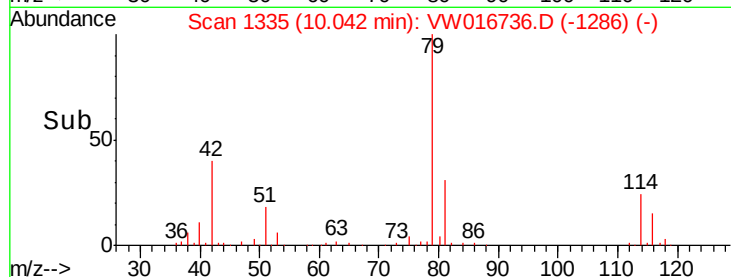
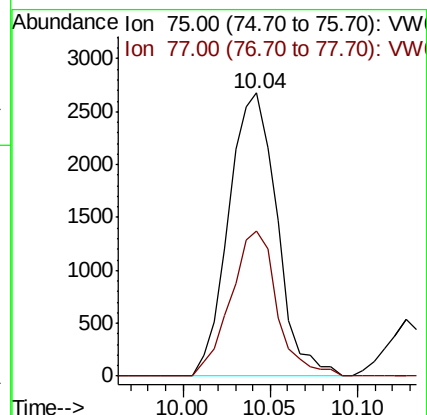
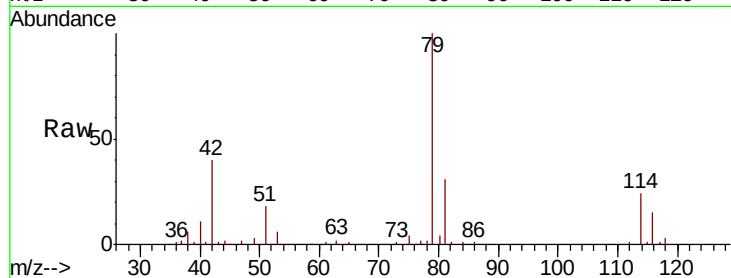
ClientSampled :

Tot Ion: 75 Resp: 5130

Ion Ratio Lower Upper

75 100

77 51.5 22.2 41.2#



#45

trans-1,3-Dichloropropene

Concen: 0.300 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW016736.D

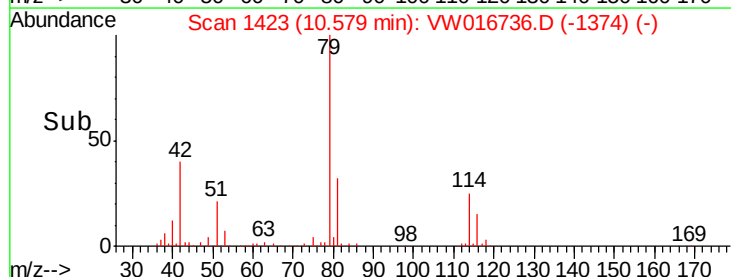
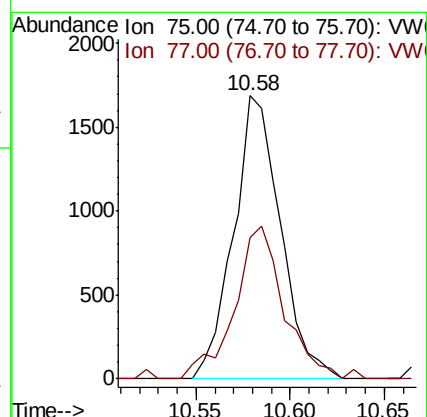
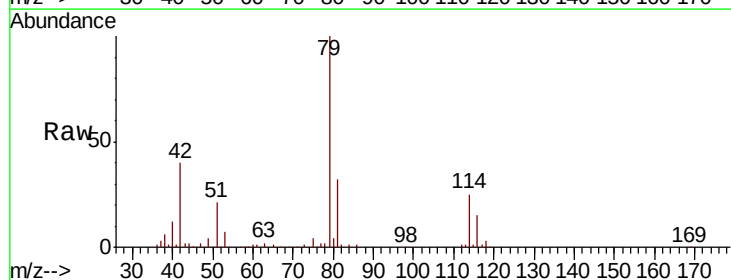
Acq: 01 Oct 2020 14:28

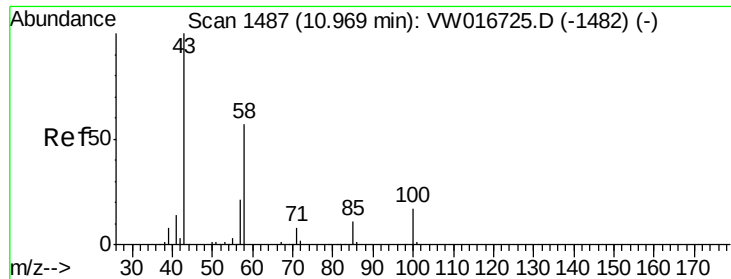
Tgt Ion: 75 Resp: 2922

Ion Ratio Lower Upper

75 100

77 50.0 22.5 41.9#





#49
 2-Hexanone
 Concen: 3.111 ug/L
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.04 min
 Lab File: VW016736.D
 Acq: 01 Oct 2020 14:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 43 Resp: 8222
 Ion Ratio Lower Upper
 43 100
 58 23.6 44.2 66.2#
 57 19.9 16.3 24.5
 100 0.6 12.4 18.6#

