

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017532.D
 Acq On : 03 Dec 2020 12:28
 Operator : SY/VA
 Sample : L4920-06
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 00:33:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	496965	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	461530	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	224085	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	103600	15.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.40%
7) Chloroethane-d5	2.90	69	93386	16.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.72%
10) 1,1-Dichloroethene-d2	4.03	63	186742	12.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.32%
20) 2-Butanone-d5	7.08	46	60291	43.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.46%
24) Chloroform-d	7.65	84	275318	19.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.00%
26) 1,2-Dichloroethane-d4	8.31	65	139789	20.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.72%
29) Benzene-d6	8.28	84	520643	18.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.36%
33) 1,2-Dichloropropane-d6	9.28	67	153460	19.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.16%
37) Toluene-d8	10.32	98	480888	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.44%
38) trans-1,3-Dichloropropene-	10.58	79	64102	18.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.08%
39) 2-Hexanone-d5	10.93	63	38046	39.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.28%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	113189	20.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	171790	20.71	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.84%

Target Compounds

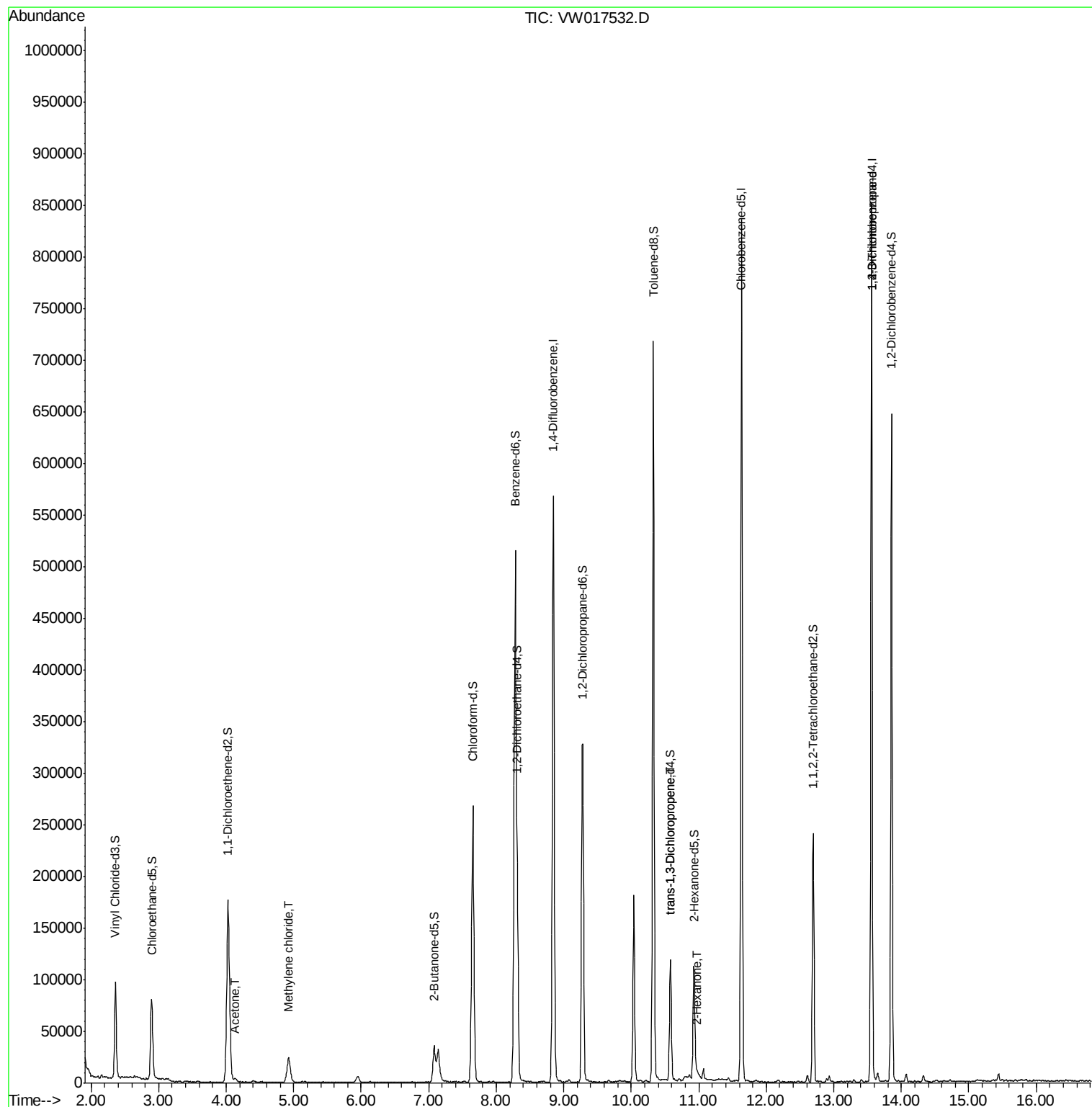
					Ovalue
13) Acetone	4.12	43	5374	4.051 ug/L	69
16) Methylene chloride	4.92	84	19860	2.662 ug/L	97
45) trans-1,3-Dichloropropene	10.58	75	3248	0.376 ug/L	95
49) 2-Hexanone	10.98	43	1469	0.693 ug/L #	91
59) 1,2,3-Trichloropropane	13.56	75	25759	6.642 ug/L	100

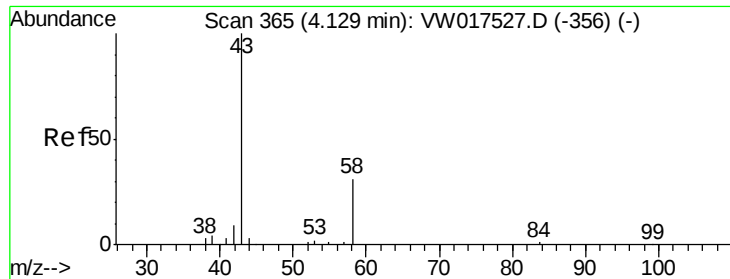
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.051 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW017532.D

Acq: 03 Dec 2020 12:28

Instrument :

MSVOA_W

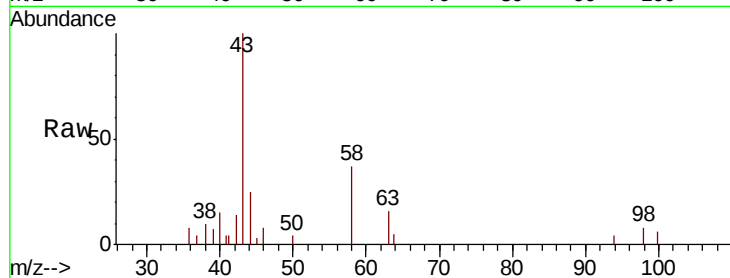
ClientSampleId :

Tot Ion: 43 Resp: 5374

Ion Ratio Lower Upper

43 100

58 16.4 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

2000

1500

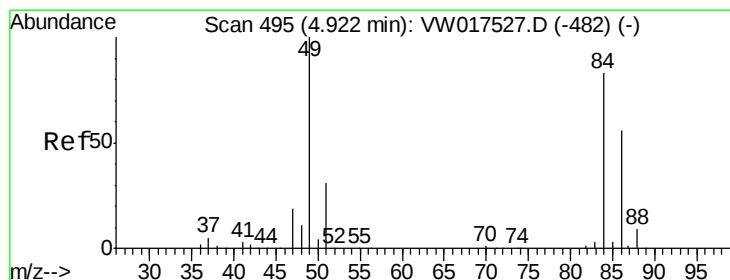
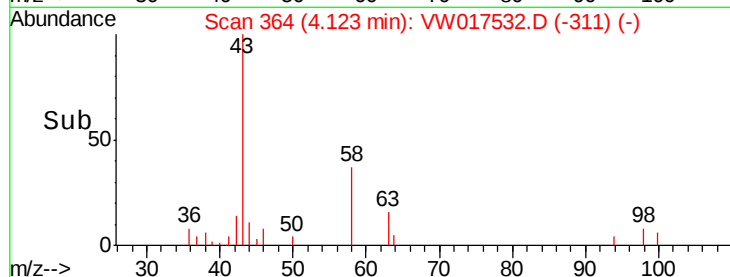
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.662 ug/L

RT: 4.92 min Scan# 495

Delta R.T. -0.00 min

Lab File: VW017532.D

Acq: 03 Dec 2020 12:28

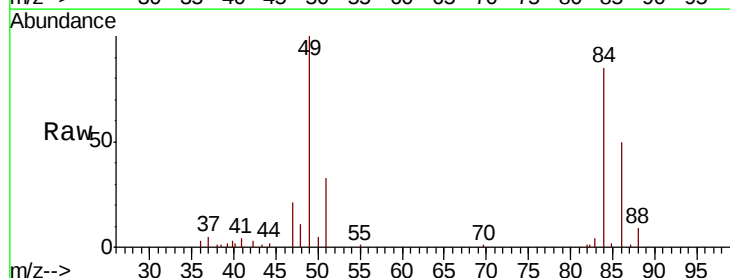
Tgt Ion: 84 Resp: 19860

Ion Ratio Lower Upper

84 100

49 117.5 81.2 150.8

86 59.0 44.5 82.7



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

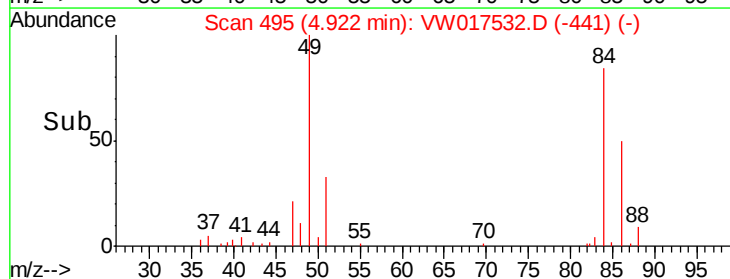
4000

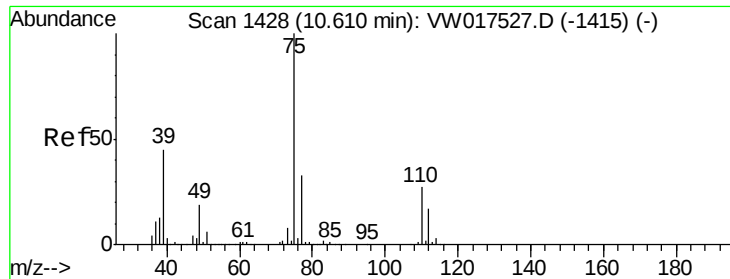
2000

0

4.80 4.90 5.00

Time-->

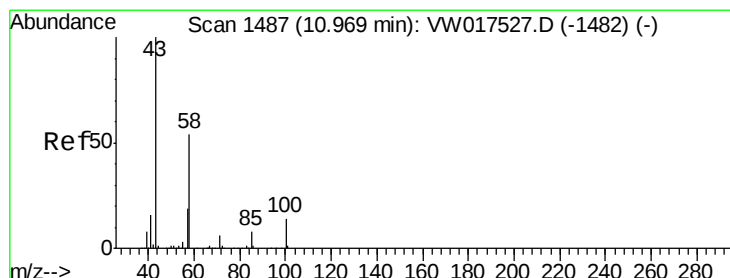
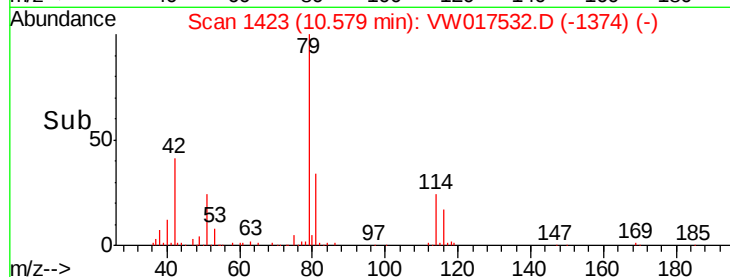
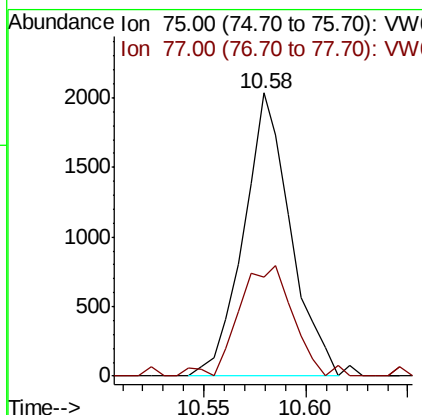
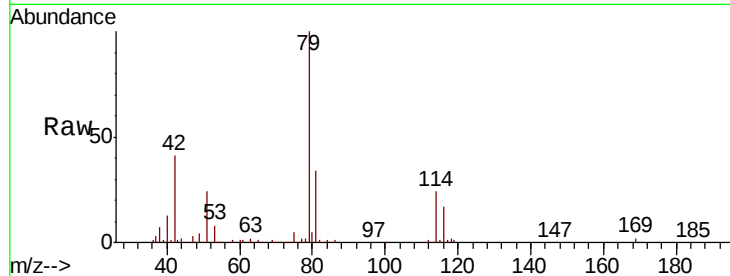




#45
trans-1,3-Dichloropropene
Concen: 0.376 ug/L
RT: 10.58 min Scan# 1423
Delta R.T. -0.03 min
Lab File: VW017532.D
Acq: 03 Dec 2020 12:28

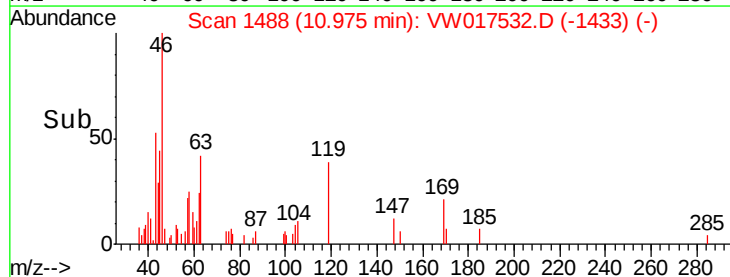
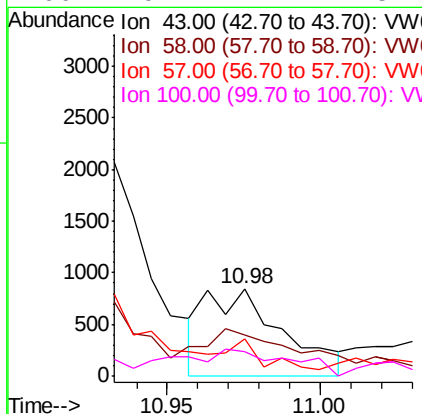
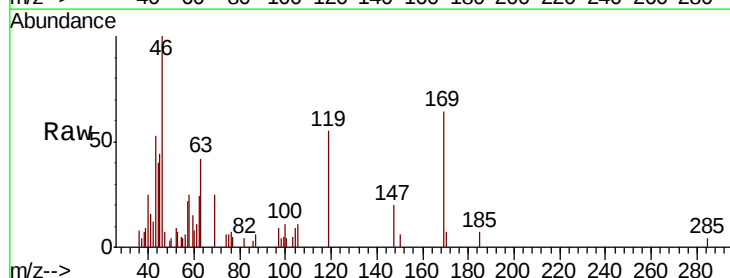
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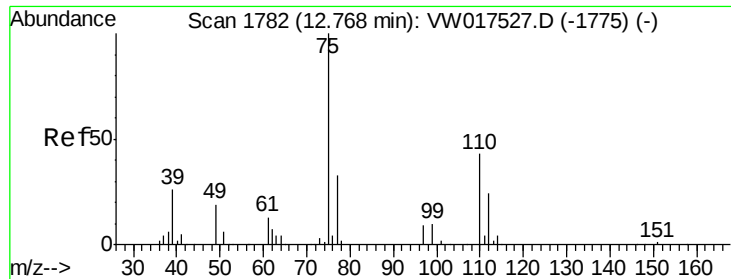
Tot Ion: 75 Resp: 3248
Ion Ratio Lower Upper
75 100
77 34.9 22.6 42.0



#49
2-Hexanone
Concen: 0.693 ug/L
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW017532.D
Acq: 03 Dec 2020 12:28

Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 56.7 51.3 76.9
57 16.6 15.0 22.6
100 19.7 12.2 18.2#





#59

1,2,3-Trichloropropane

Concen: 6.642 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017532.D

Acq: 03 Dec 2020 12:28

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 25759

Ion Ratio Lower Upper

75 100

77 33.1 26.6 39.8

