

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017550.D
 Acq On : 04 Dec 2020 12:57
 Operator : SY/VA
 Sample : L4941-01
 Misc : 5.16G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AW6

Quant Time: Dec 05 07:37:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 05 07:36:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	330452	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289075	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	125483	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	71676	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.96%
7) Chloroethane-d5	2.89	69	64007	17.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.72%
10) 1,1-Dichloroethene-d2	4.03	63	124348	12.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.64%
20) 2-Butanone-d5	7.08	46	39468	41.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.80%
24) Chloroform-d	7.65	84	184734	19.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.84%
26) 1,2-Dichloroethane-d4	8.31	65	98893	20.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.00%
29) Benzene-d6	8.28	84	345670	19.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.40%
33) 1,2-Dichloropropane-d6	9.27	67	104173	20.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.36%
37) Toluene-d8	10.33	98	305618	18.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.52%
38) trans-1,3-Dichloropropene-	10.58	79	39630	17.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.60%
39) 2-Hexanone-d5	10.93	63	23091	36.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79078	21.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	94228	19.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.60%

Target Compounds

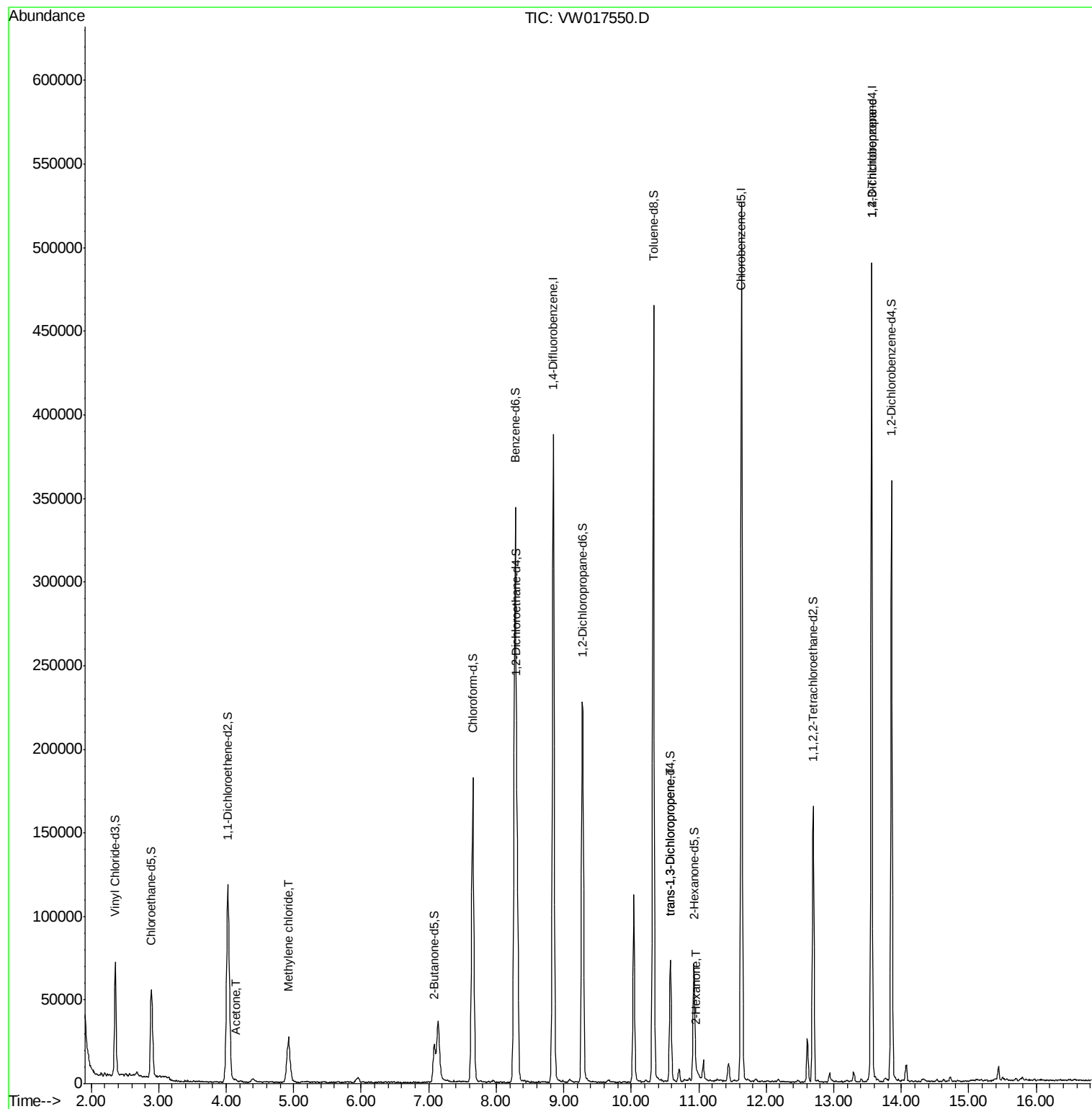
					Ovalue
13) Acetone	4.14	43	1987	2.141 ug/L	71
16) Methylene chloride	4.92	84	21059	4.226 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	2056	0.373 ug/L #	57
49) 2-Hexanone	10.97	43	1485	1.056 ug/L #	56
59) 1,2,3-Trichloropropane	13.56	75	14710	5.914 ug/L	92

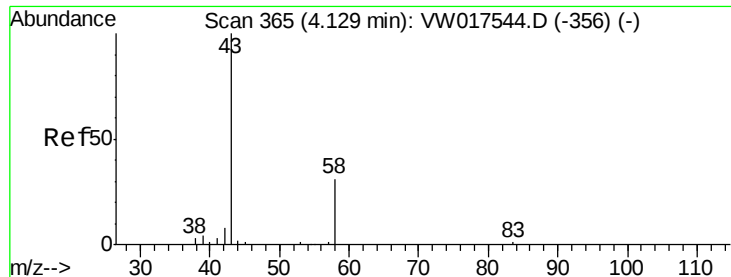
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120420\
Data File : VW017550.D
Acq On : 04 Dec 2020 12:57
Operator : SY/VA
Sample : L4941-01
Misc : 5.16G/10ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AW6

Quant Time: Dec 05 07:37:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 05 07:36:07 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.141 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017550.D

Acq: 04 Dec 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

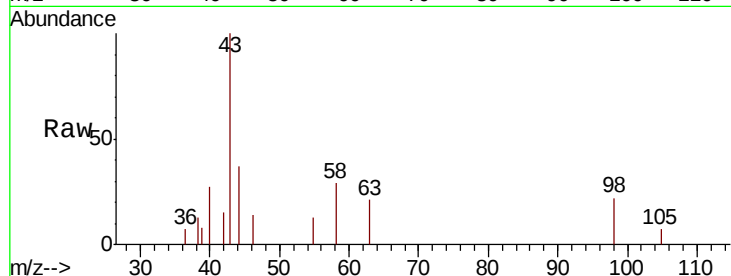
C0AW6

Tot Ion: 43 Resp: 1987

Ion Ratio Lower Upper

43 100

58 17.7 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

800

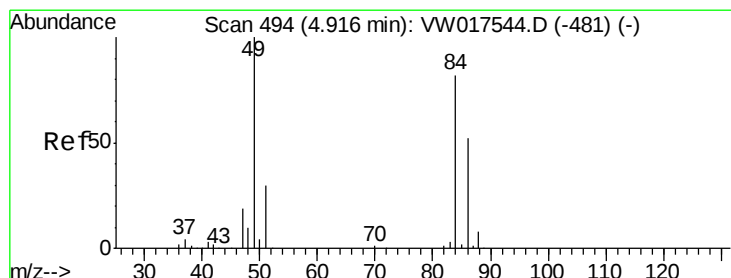
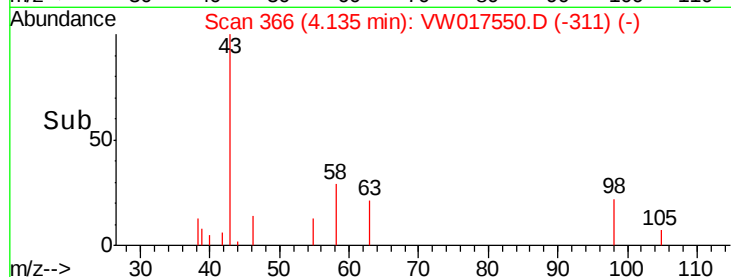
600

400

200

0

Time-->



#16

Methylene chloride

Concen: 4.226 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017550.D

Acq: 04 Dec 2020 12:57

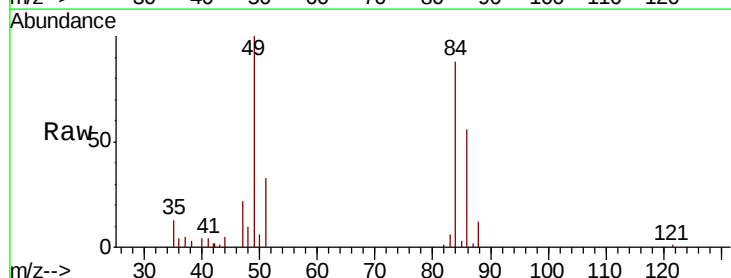
Tgt Ion: 84 Resp: 21059

Ion Ratio Lower Upper

84 100

49 114.1 81.2 150.8

86 63.8 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

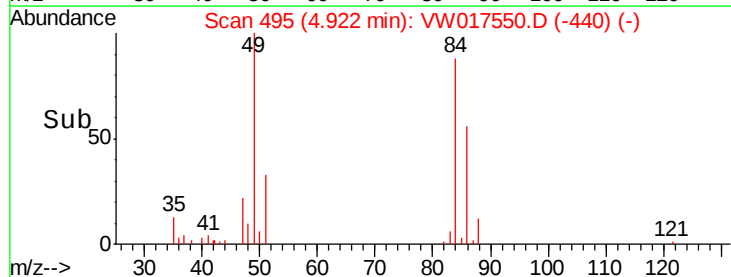
6000

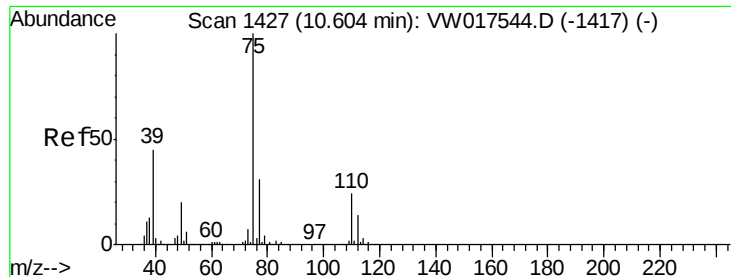
4000

2000

0

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.373 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017550.D

Acq: 04 Dec 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

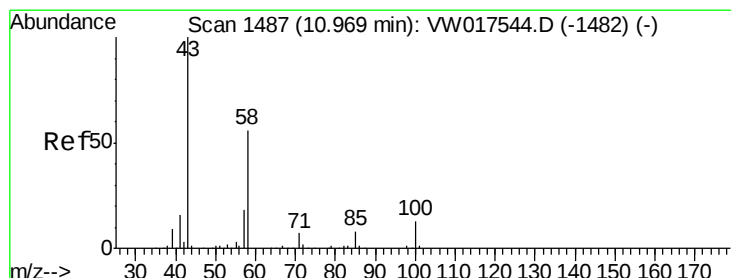
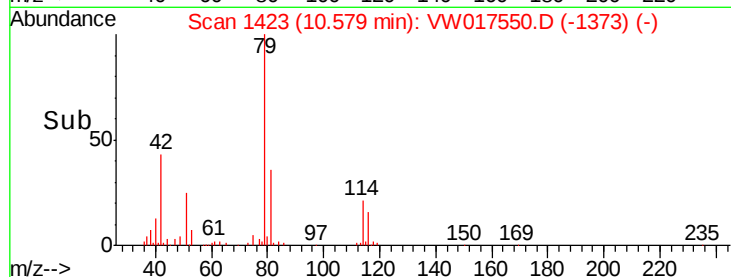
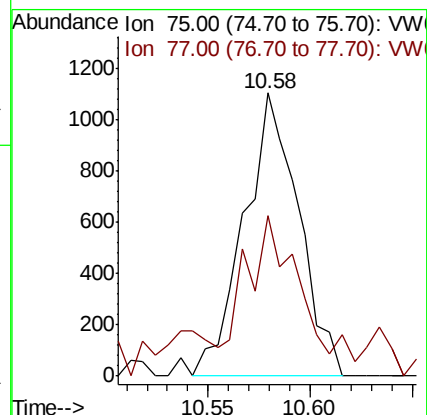
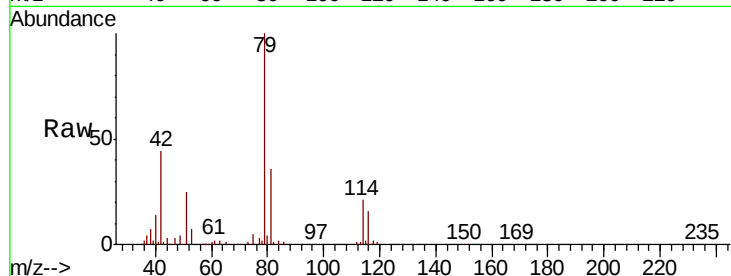
C0AW6

Tot Ion: 75 Resp: 2056

Ion Ratio Lower Upper

75 100

77 56.5 22.6 42.0#



#49

2-Hexanone

Concen: 1.056 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW017550.D

Acq: 04 Dec 2020 12:57

Tgt Ion: 43 Resp: 1485

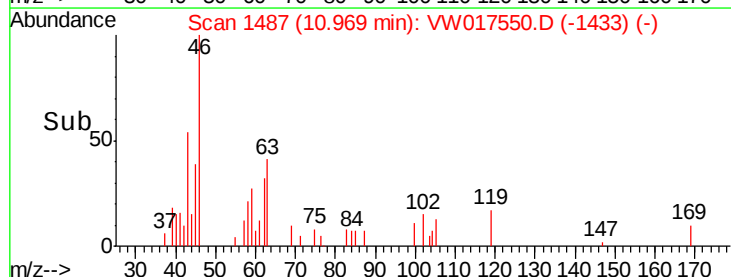
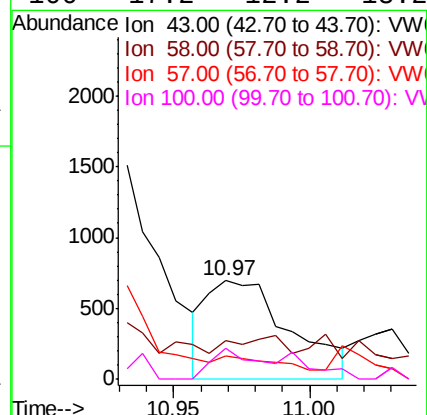
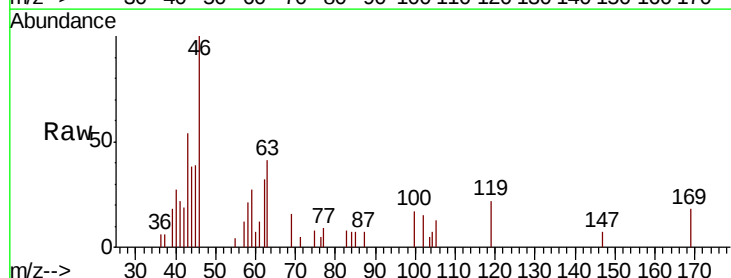
Ion Ratio Lower Upper

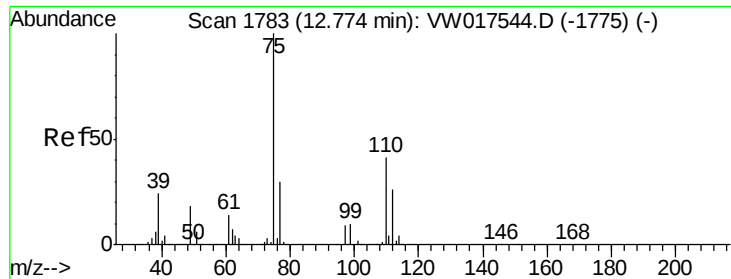
43 100

58 12.7 51.3 76.9#

57 17.8 15.0 22.6

100 17.2 12.2 18.2





#59

1,2,3-Trichloropropane

Concen: 5.914 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017550.D

Acq: 04 Dec 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

C0AW6

Tot Ion: 75 Resp: 14710

Ion Ratio Lower Upper

75 100

77 37.5 26.6 39.8

