

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 :

Quant Time: Dec 20 01:46:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 01:44:20 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	16.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.96%
7) Chloroethane-d5	2.89	69	64007	17.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.80%
10) 1,1-Dichloroethene-d2	4.03	63	124348	12.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.40%
20) 2-Butanone-d5	7.08	46	39468	43.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.10%
24) Chloroform-d	7.65	84	184734	19.68	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.72%
26) 1,2-Dichloroethane-d4	8.31	65	98893	21.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.88%
29) Benzene-d6	8.28	84	345670	19.45	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.80%
33) 1,2-Dichloropropane-d6	9.27	67	104173	21.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.72%
37) Toluene-d8	10.33	98	305618	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.52%
38) trans-1,3-Dichloropropene-	10.58	79	39630	18.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.12%
39) 2-Hexanone-d5	10.93	63	23091	37.93	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.86%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	79078	22.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	94228	20.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.12%

Target Compounds

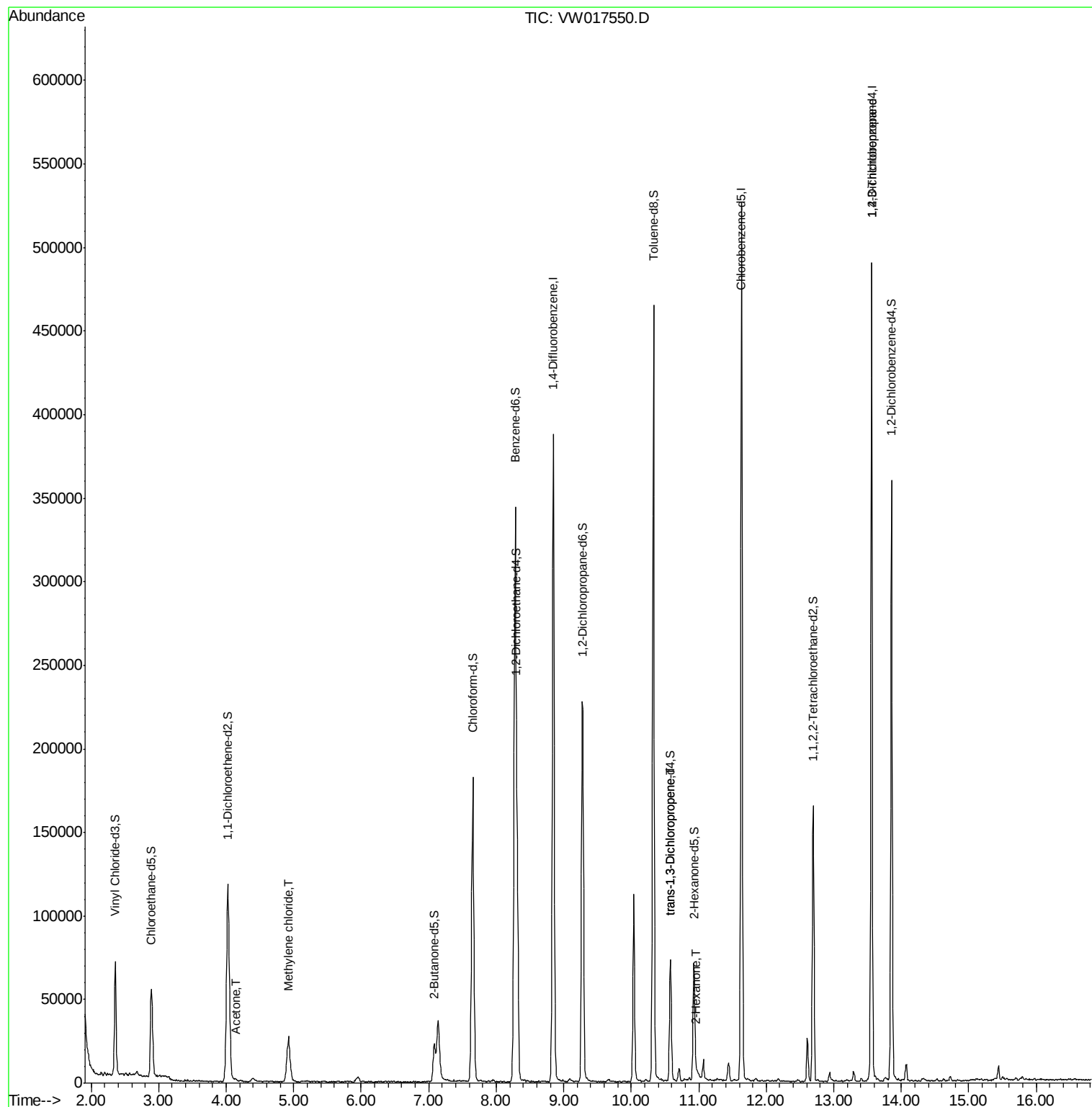
					Ovalue
13) Acetone	4.14	43	1987	2.253 ug/L	71
16) Methylene chloride	4.92	84	21059	4.245 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	2056	0.380 ug/L #	57
49) 2-Hexanone	10.97	43	1485	1.119 ug/L #	56
59) 1,2,3-Trichloropropane	13.56	75	14710	6.055 ug/L	92

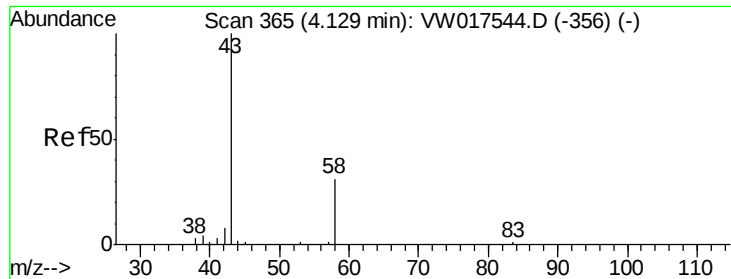
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.253 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

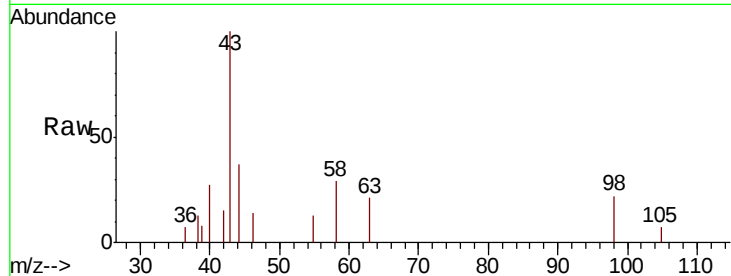
ClientSampleId :

Tot Ion: 43 Resp: 1987

Ion Ratio Lower Upper

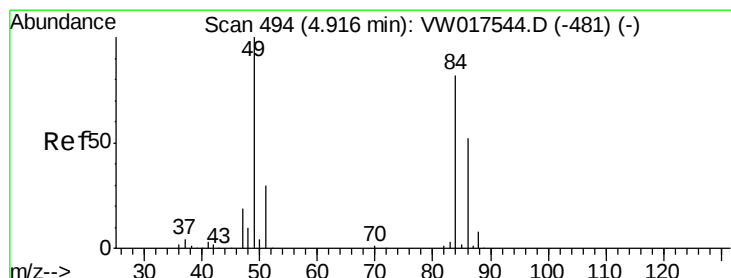
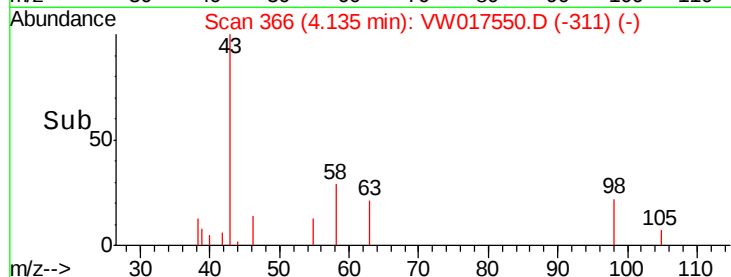
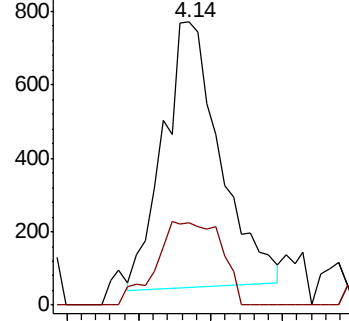
43 100

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



#16

Methylene chloride

Concen: 4.245 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017550.D

Acq: 04 Dec 2020 12:57

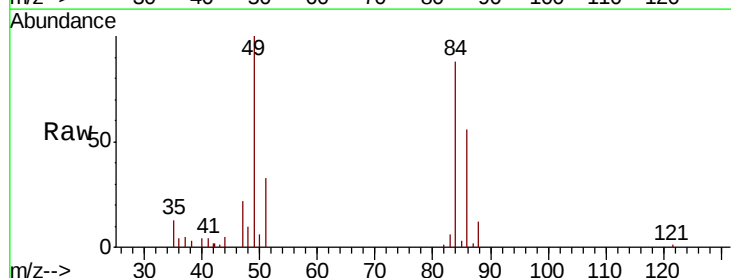
Tgt Ion: 84 Resp: 21059

Ion Ratio Lower Upper

84 100

49 114.1 81.2 150.8

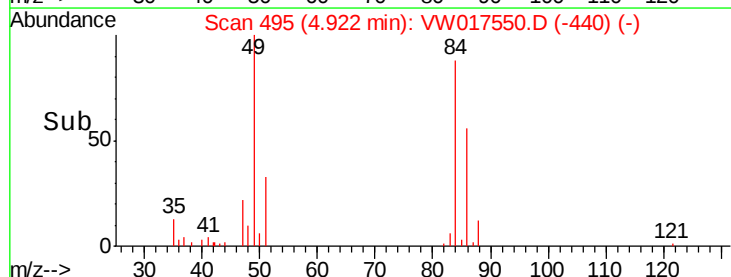
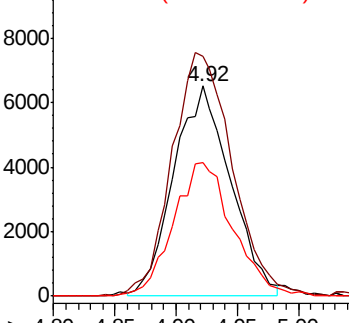
86 63.8 44.5 82.7

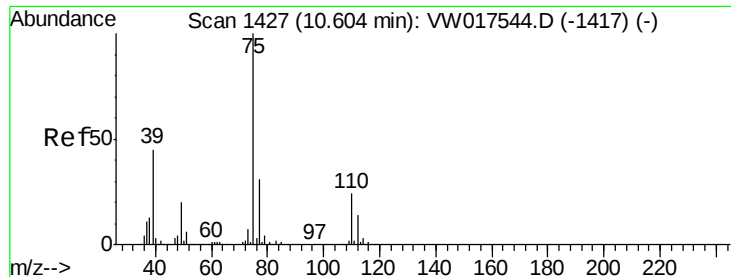


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.380 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

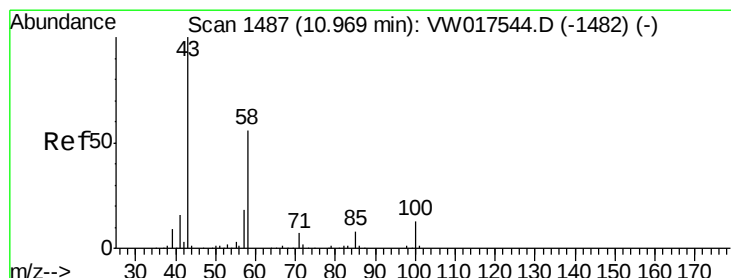
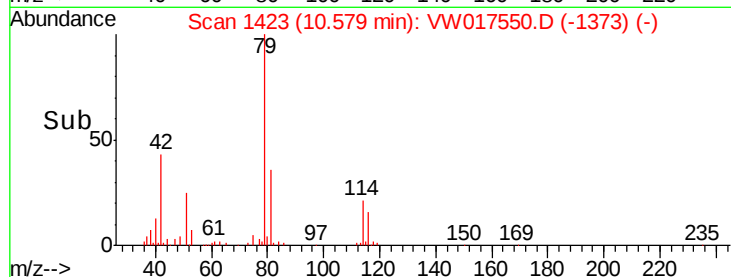
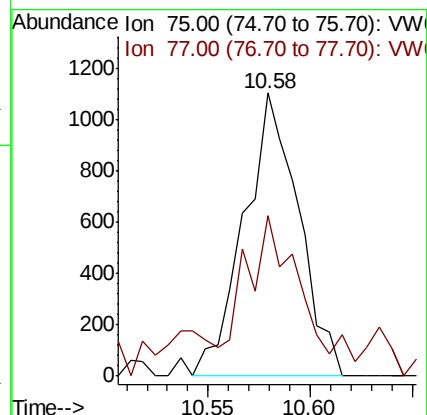
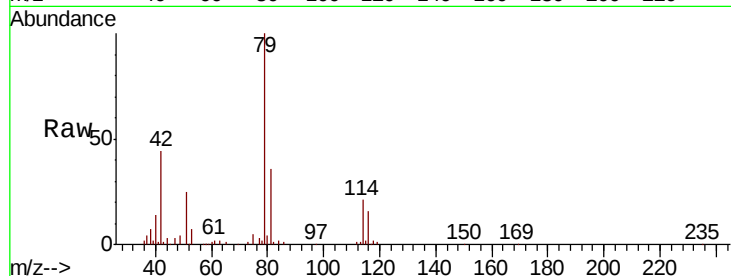
ClientSampleId :

Tot Ion: 75 Resp: 2056

Ion Ratio Lower Upper

75 100

77 56.5 22.6 42.0#



#49

2-Hexanone

Concen: 1.119 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

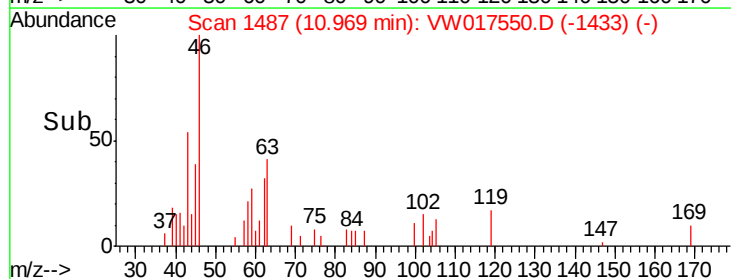
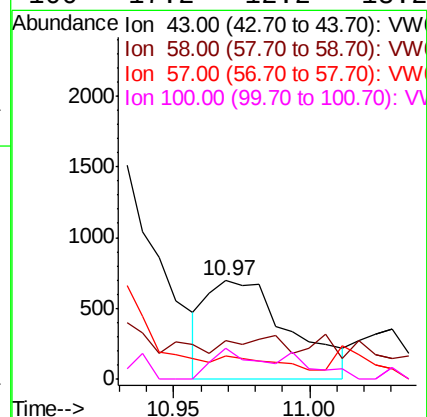
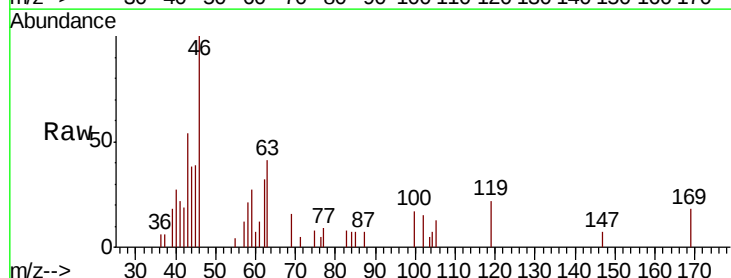
Ion Ratio Lower Upper

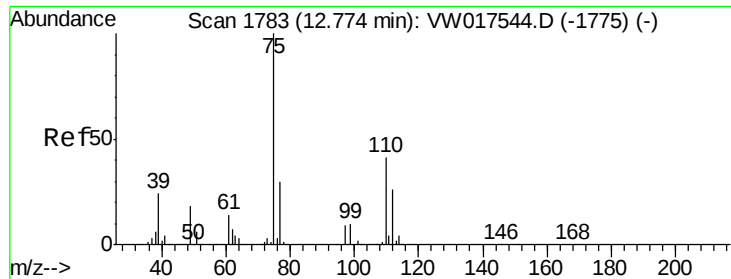
43 100

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: 6.055 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 :

Tot Ion: 75 Resp: 14710

Ion Ratio Lower Upper

75 100

77 37.5 26.6 39.8

