

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111120\
 Data File : VW017159.D
 Acq On : 11 Nov 2020 12:52
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK22

Quant Time: Nov 12 03:15:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 12 03:07:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	427877	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390723	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	181917	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	136831	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.56%
7) Chloroethane-d5	2.89	69	114684	27.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.44%
10) 1,1-Dichloroethene-d2	4.03	63	181583	18.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.36%
20) 2-Butanone-d5	7.09	46	59274	49.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.36%
24) Chloroform-d	7.65	84	271306	27.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.64%
26) 1,2-Dichloroethane-d4	8.31	65	137017	27.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.36%
29) Benzene-d6	8.27	84	519110	26.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.36%
33) 1,2-Dichloropropane-d6	9.27	67	148495	26.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.92%
37) Toluene-d8	10.33	98	490967	26.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.68%
38) trans-1,3-Dichloropropene-	10.58	79	60868	24.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.12%
39) 2-Hexanone-d5	10.93	63	45721	47.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126735	26.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	182970	28.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.20%

Target Compounds

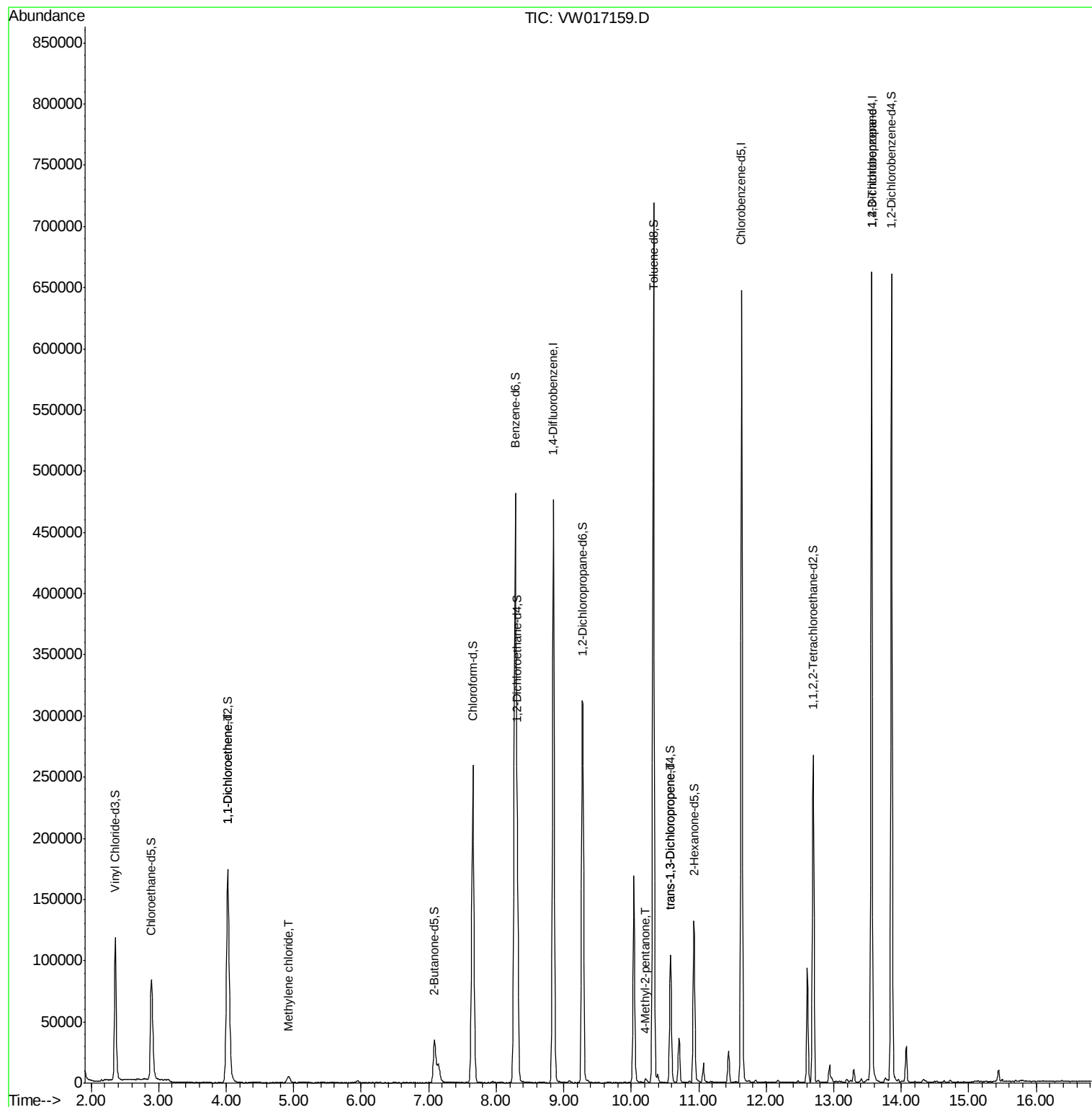
					Ovalue
12) 1,1-Dichloroethene	4.03	96	1405	0.265 ug/L #	1
16) Methylene chloride	4.92	84	4743	0.822 ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	2237	0.756 ug/L #	94
45) trans-1,3-Dichloropropene	10.58	75	2928	0.449 ug/L #	75
59) 1,2,3-Trichloropropane	13.56	75	19142	5.575 ug/L	91

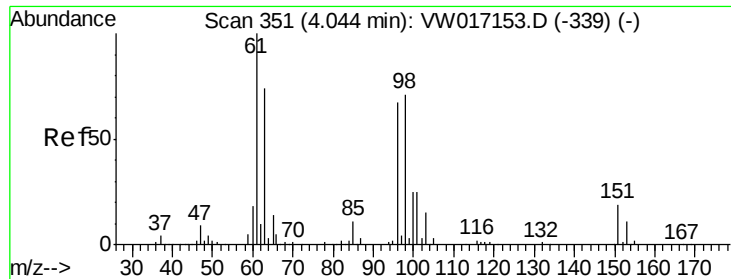
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.265 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW017159.D

Acq: 11 Nov 2020 12:52

Instrument :

MSVOA_W

ClientSampleId :

VIBLK22

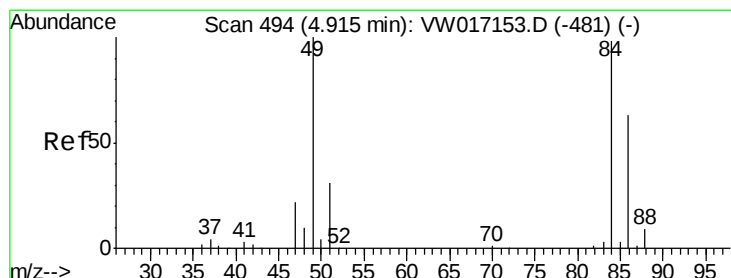
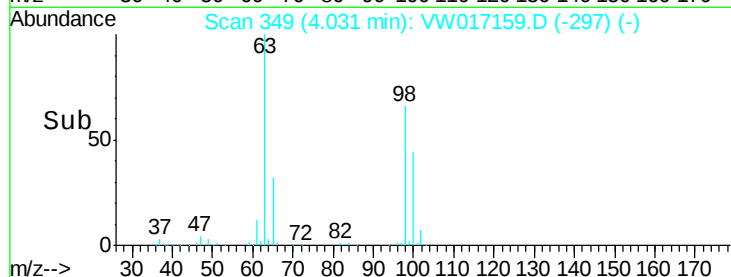
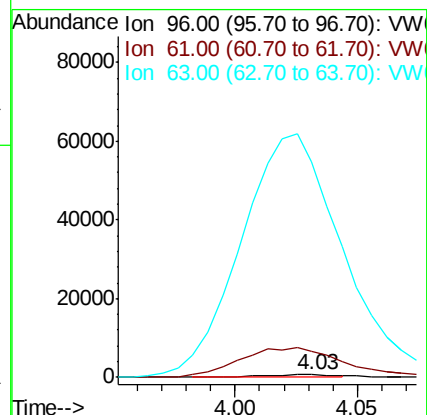
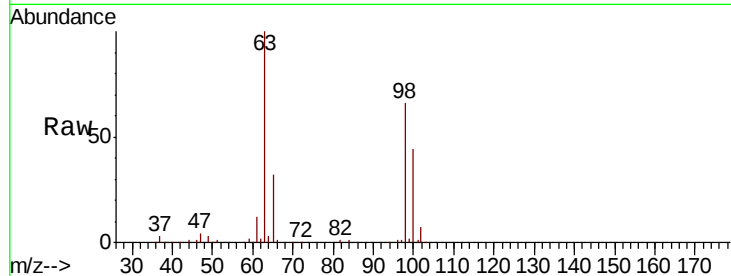
Tot Ion: 96 Resp: 1405

Ion Ratio Lower Upper

96 100

61 1019.1 103.8 192.8#

63 8287.7 84.4 156.7#



#16

Methylene chloride

Concen: 0.822 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW017159.D

Acq: 11 Nov 2020 12:52

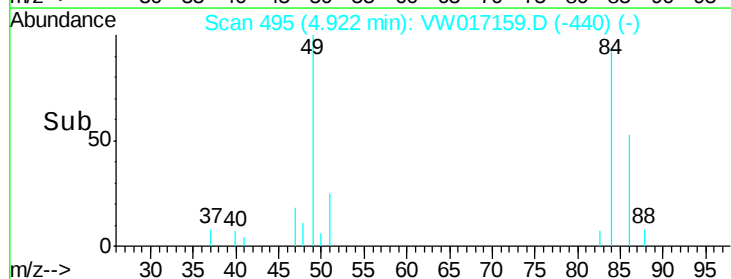
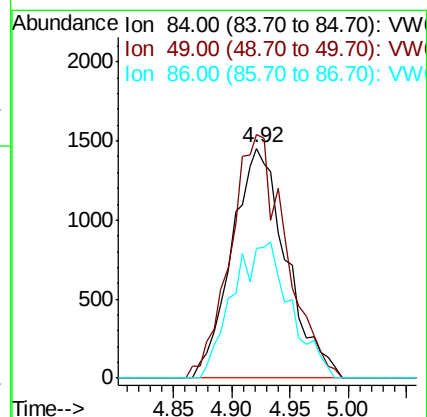
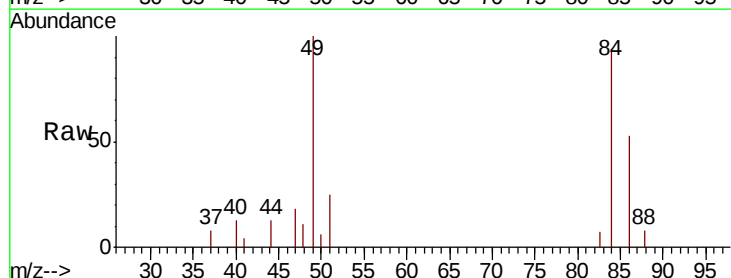
Tgt Ion: 84 Resp: 4743

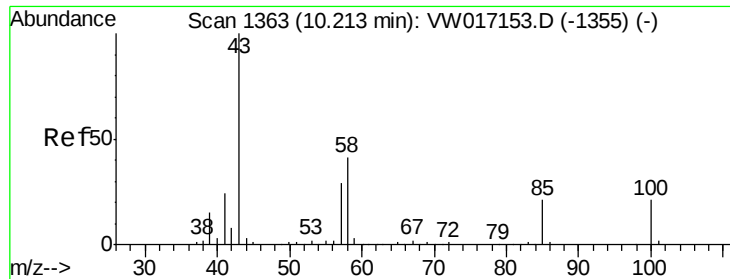
Ion Ratio Lower Upper

84 100

49 106.1 72.3 134.3

86 56.5 45.1 83.7





#43

4-Methyl-2-pentanone

Concen: 0.756 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

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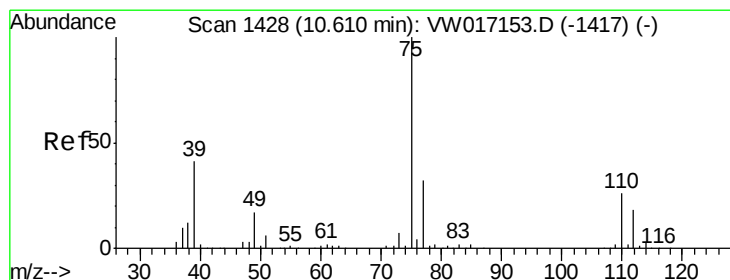
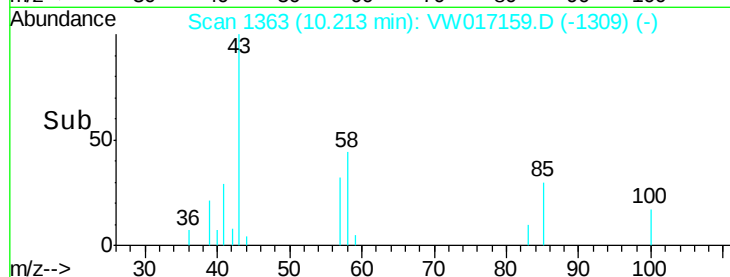
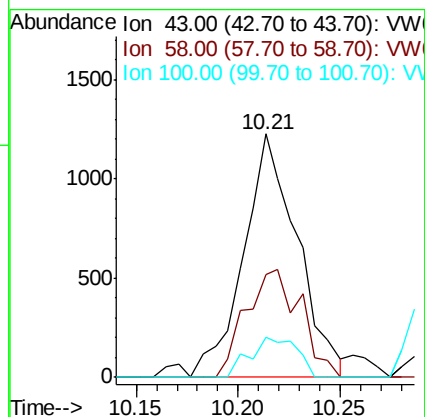
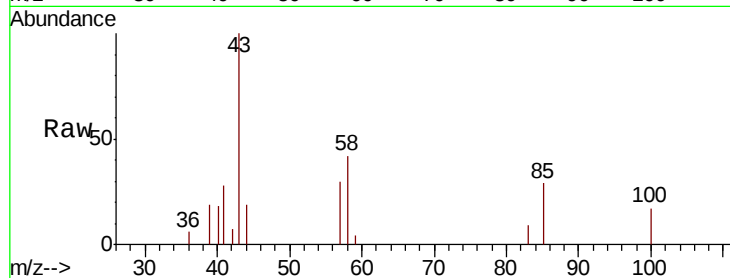
Tot Ion: 43 Resp: 2237

Ion Ratio Lower Upper

43 100

58 45.1 35.0 52.6

100 14.4 16.6 24.8#



#45

trans-1,3-Dichloropropene

Concen: 0.449 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017159.D

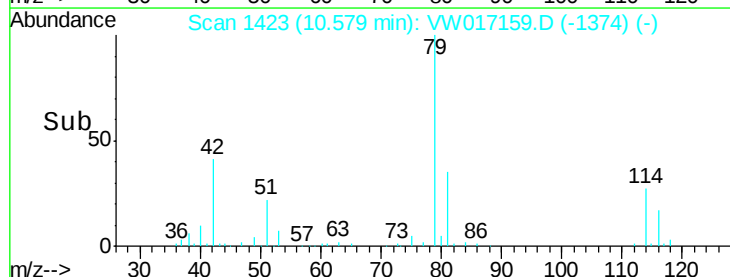
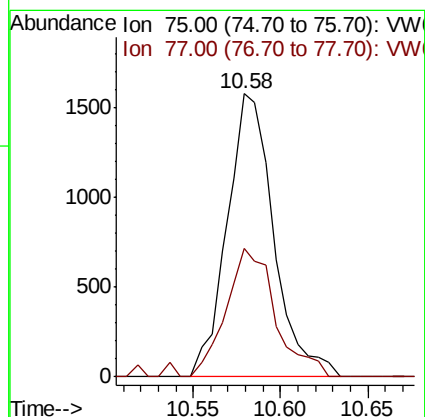
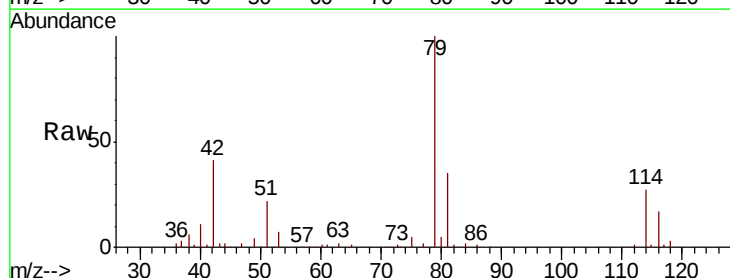
Acq: 11 Nov 2020 12:52

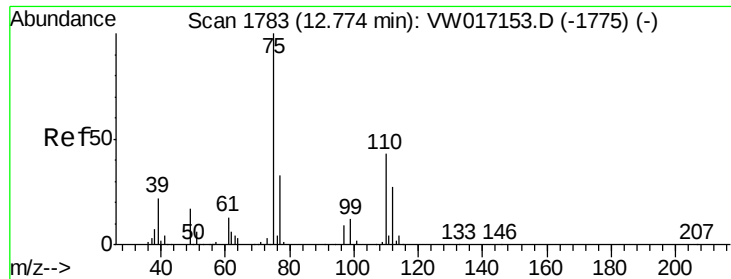
Tgt Ion: 75 Resp: 2928

Ion Ratio Lower Upper

75 100

77 45.4 22.1 41.1#





#59

1,2,3-Trichloropropane

Concen: 5.575 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017159.D

Acq: 11 Nov 2020 12:52

Instrument :

MSVOA_W

ClientSampleId :

VIBLK22

Tot Ion: 75 Resp: 19142

Ion Ratio Lower Upper

75 100

77 38.2 26.4 39.6

