

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120420\
 Data File : VW017560.D
 Acq On : 04 Dec 2020 16:51
 Operator : SY/VA
 Sample : L4941-11
 Misc : 5.51G/10ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 01:48:04 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	385459	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319779	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	129252	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90607	17.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.48%
7) Chloroethane-d5	2.89	69	82193	19.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.84%
10) 1,1-Dichloroethene-d2	4.03	63	158164	14.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.04%
20) 2-Butanone-d5	7.08	46	52974	49.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.08%
24) Chloroform-d	7.65	84	238021	21.74	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	8.47	65	82	0.02	ug/L	0.16
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	436937	22.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.88%
33) 1,2-Dichloropropane-d6	9.27	67	135443	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.56%
37) Toluene-d8	10.32	98	382005	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.32%
38) trans-1,3-Dichloropropene-	10.58	79	49821	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.96%
39) 2-Hexanone-d5	10.93	63	31119	46.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.42%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102783	26.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	108877	22.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.00%

Target Compounds

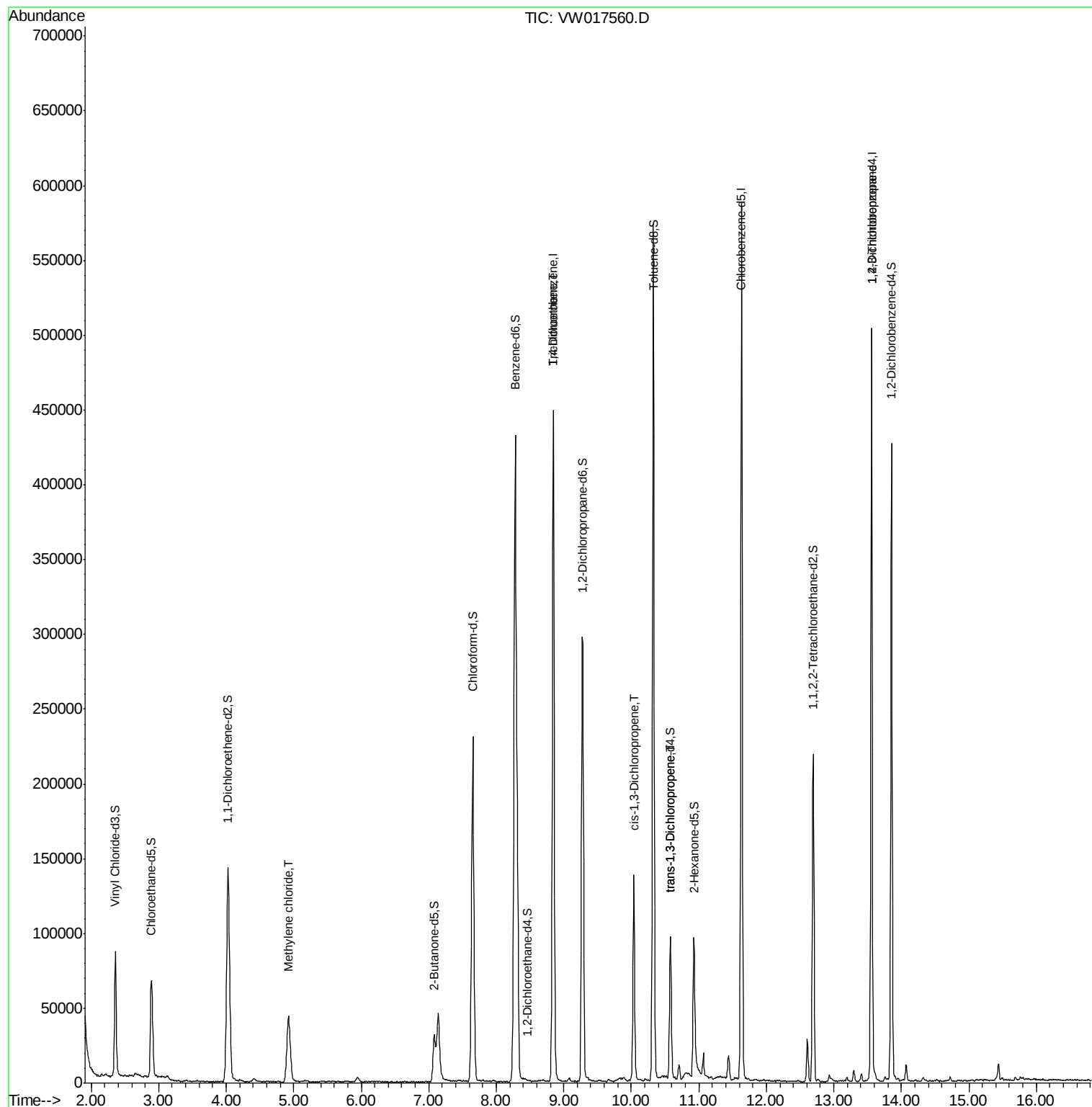
					Ovalue
16) Methylene chloride	4.93	84	37784	6.529 ug/L	96
35) Trichloroethene	8.85	95	11860	2.226 ug/L #	3
42) cis-1,3-Dichloropropene	10.04	75	3844	0.550 ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	2563	0.428 ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	15481	5.761 ug/L	97

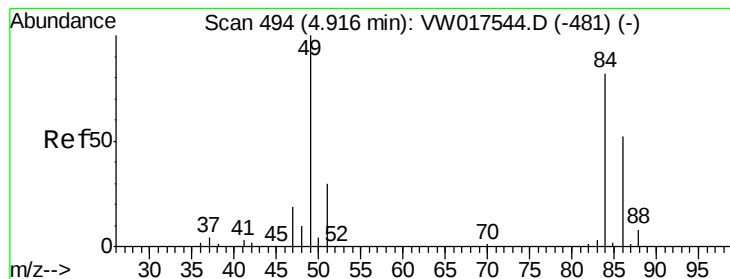
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methvlene chloride

Concen: 6.529 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017560.D

Acq: 04 Dec 2020 16:51

Instrument :

MSVOA_W

ClientSampleId :

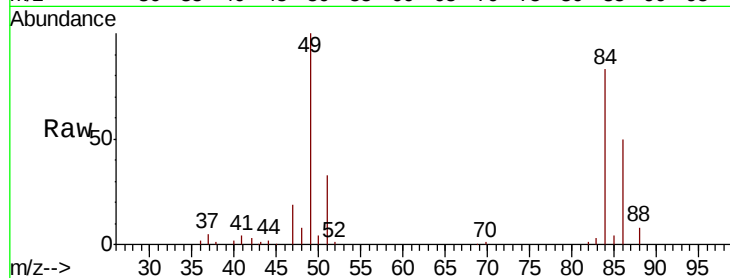
Tot Ion: 84 Resp: 37784

Ion Ratio Lower Upper

84 100

49 121.0 81.2 150.8

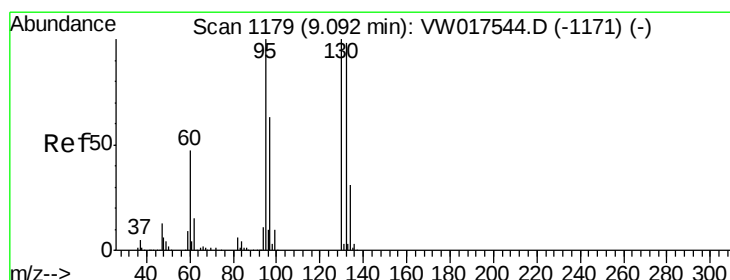
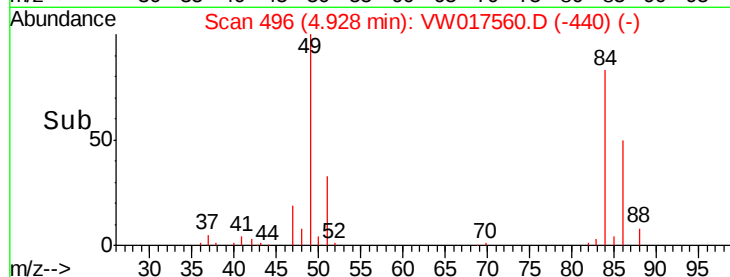
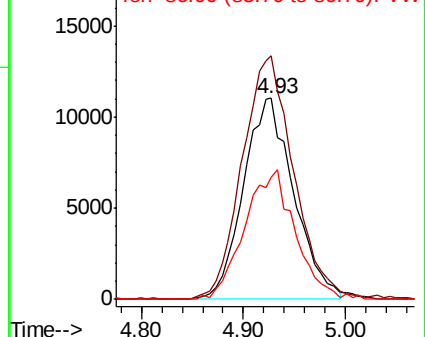
86 60.8 44.5 82.7



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



#35

Trichloroethene

Concen: 2.226 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017560.D

Acq: 04 Dec 2020 16:51

Tgt Ion: 95 Resp: 11860

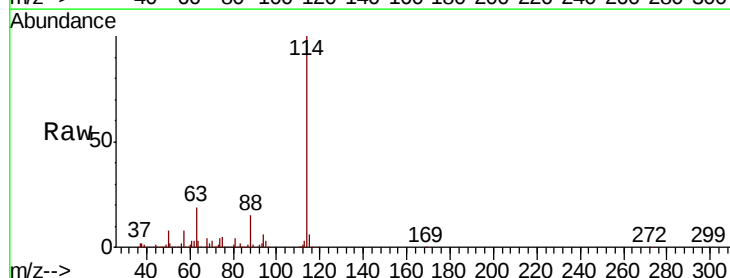
Ion Ratio Lower Upper

95 100

97 0.4 45.0 83.6#

132 0.0 71.0 131.8#

130 0.0 75.6 140.4#

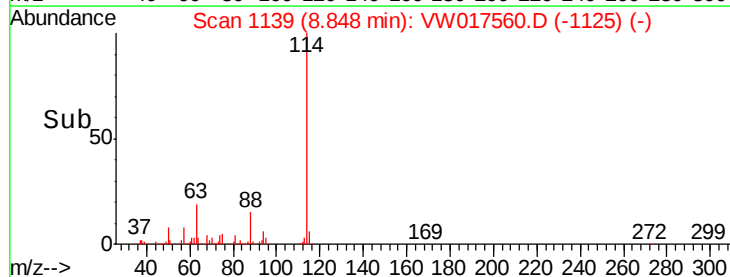
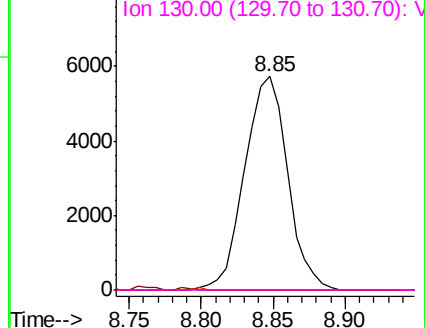


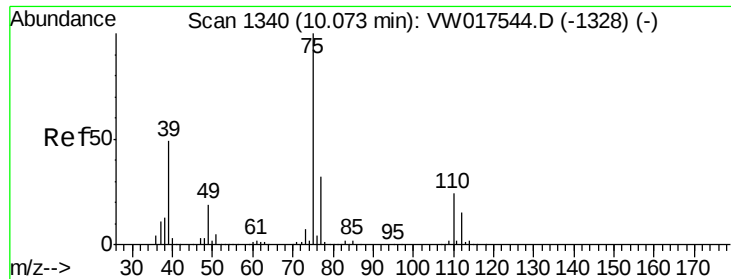
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.550 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.03 min

Lab File: VW017560.D

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Instrument :

MSVOA_W

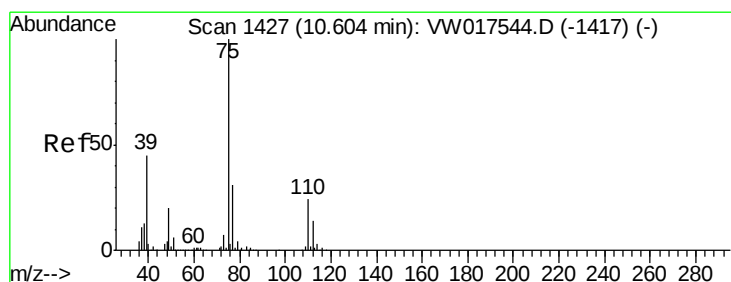
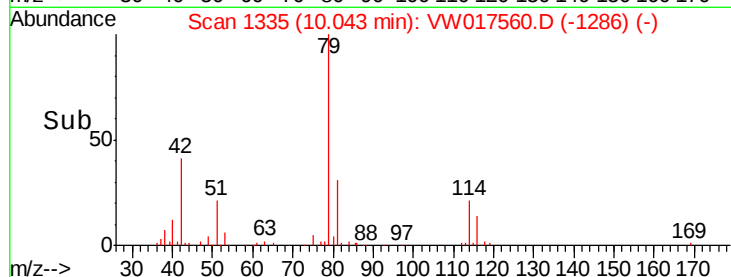
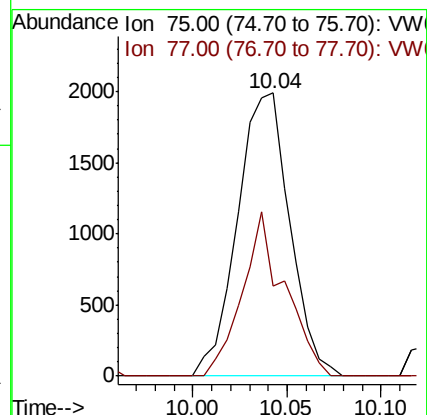
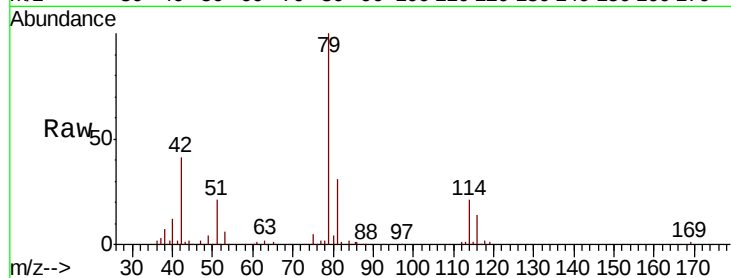
ClientSampled :

Tot Ion: 75 Resp: 3844

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.3



#45

trans-1,3-Dichloropropene

Concen: 0.428 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017560.D

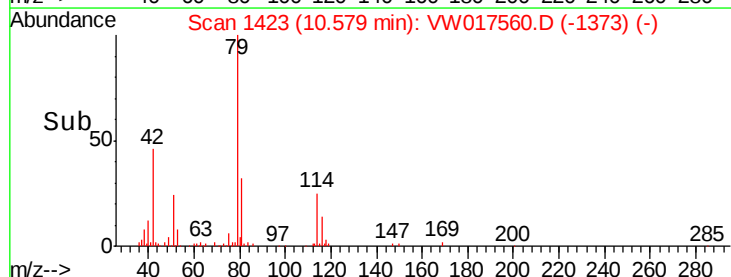
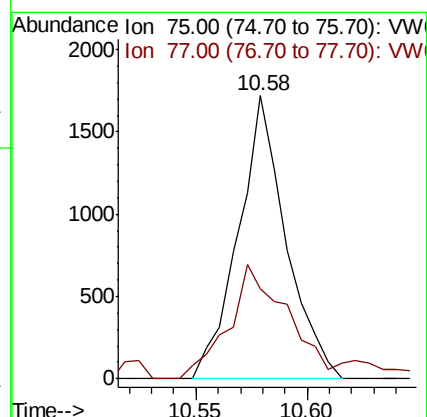
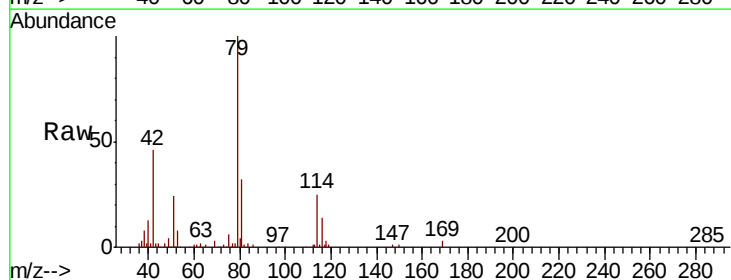
Acq: 04 Dec 2020 16:51

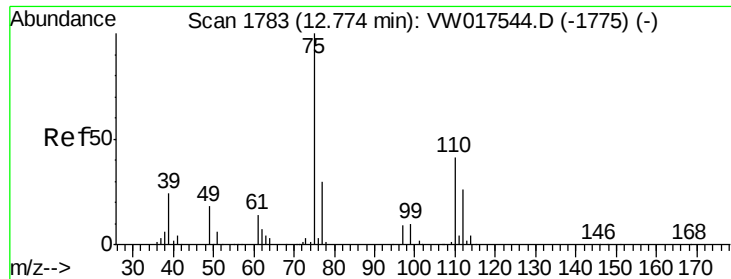
Tgt Ion: 75 Resp: 2563

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0





#59

1,2,3-Trichloropropane

Concen: 5.761 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW017560.D

Acq: 04 Dec 2020 16:51

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 15481

Ion Ratio Lower Upper

75 100

77 34.7 26.6 39.8

