

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\
 Data File : VW016802.D
 Acq On : 06 Oct 2020 19:11
 Operator : SY/VA
 Sample : L4171-09
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK02

Quant Time: Oct 07 03:14:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 03:05:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	563972	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	500904	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241635	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118224	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
7) Chloroethane-d5	2.90	69	100103	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.80%
10) 1,1-Dichloroethene-d2	4.03	63	179199	15.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.68%
20) 2-Butanone-d5	7.09	46	48569	38.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.08%
24) Chloroform-d	7.65	84	249168	20.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.76%
26) 1,2-Dichloroethane-d4	8.31	65	124353	21.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.56%
29) Benzene-d6	8.28	84	513523	22.57	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.28%
33) 1,2-Dichloropropane-d6	9.28	67	136269	22.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.16%
37) Toluene-d8	10.33	98	489192	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.16%
38) trans-1,3-Dichloropropene-	10.58	79	55721	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.64%
39) 2-Hexanone-d5	10.93	63	39872	42.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102986	20.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	173874	22.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.76%

Target Compounds

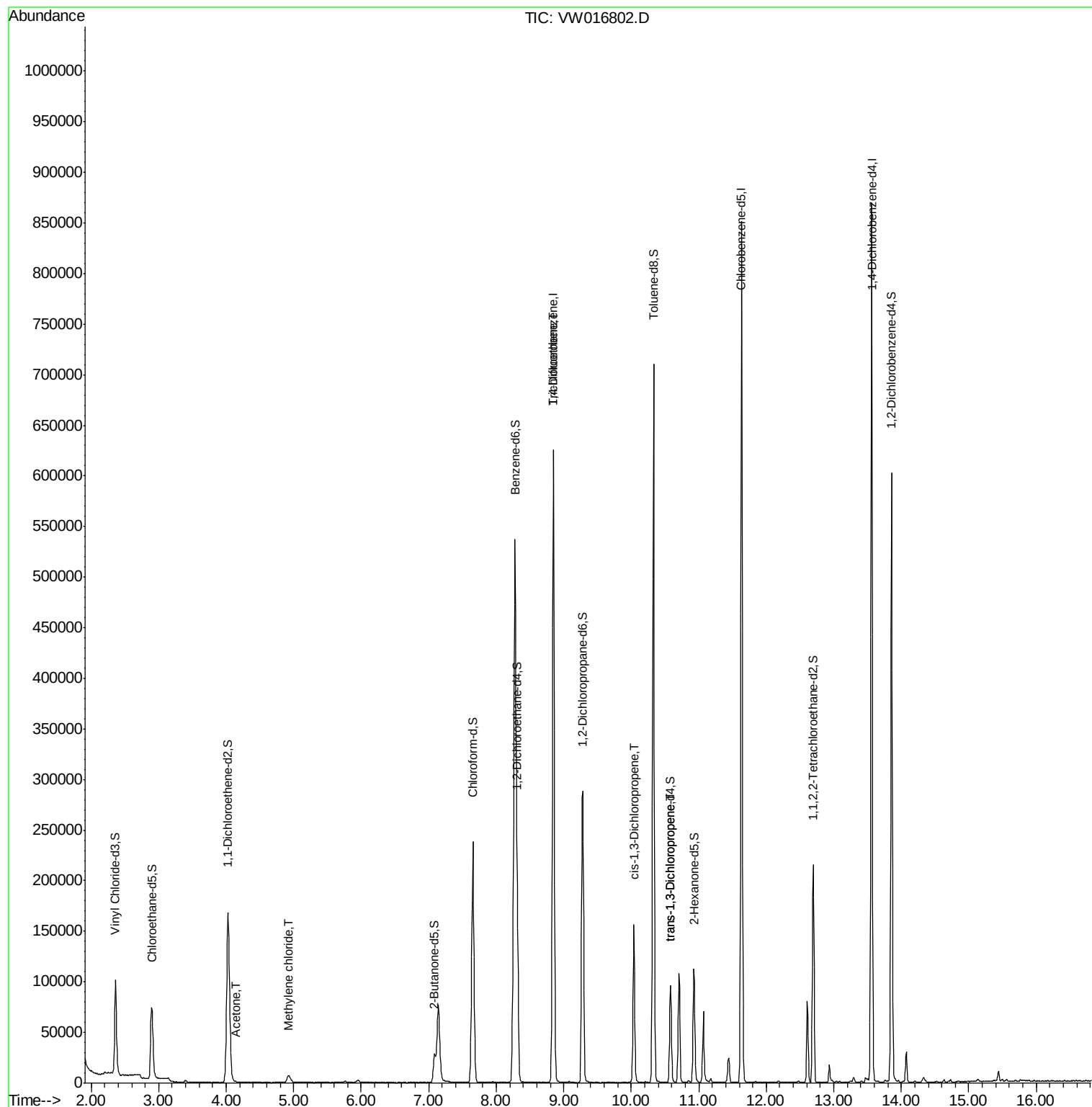
					Ovalue
13) Acetone	4.15	43	1561	1.637 ug/L	75
16) Methylene chloride	4.93	84	6081	0.781 ug/L	92
35) Trichloroethene	8.85	95	16141	2.121 ug/L #	2
42) cis-1,3-Dichloropropene	10.04	75	4284	0.442 ug/L #	61
45) trans-1,3-Dichloropropene	10.58	75	2303	0.282 ug/L	97

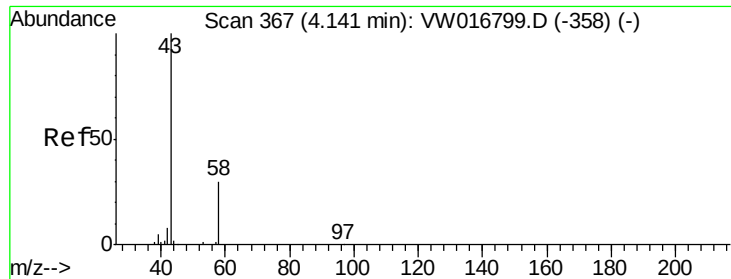
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.637 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016802.D

Acq: 06 Oct 2020 19:11

Instrument :

MSVOA_W

ClientSampleId :

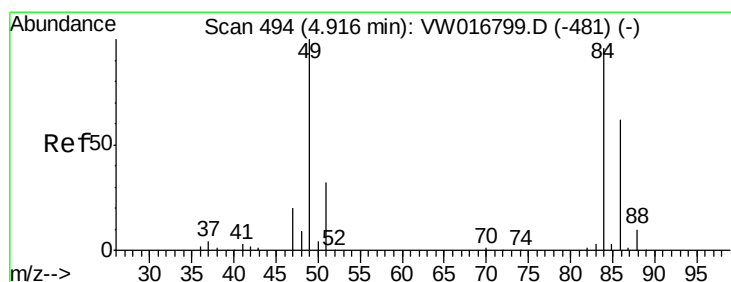
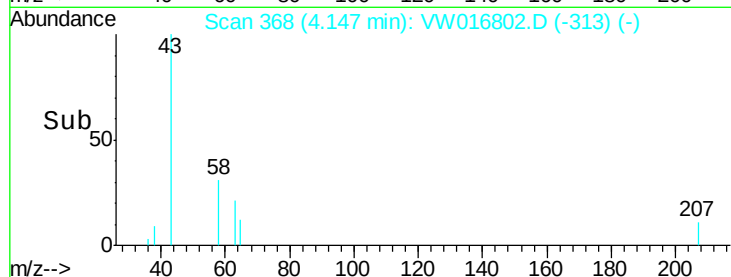
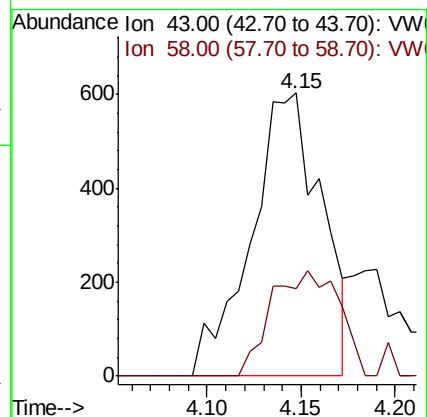
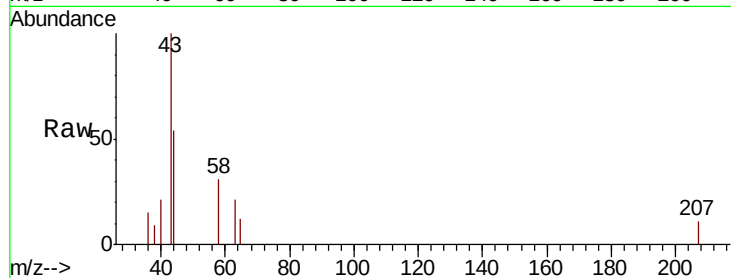
VHBLK02

Tot Ion: 43 Resp: 1561

Ion Ratio Lower Upper

43 100

58 19.7 0.0 67.6



#16

Methylene chloride

Concen: 0.781 ug/L

RT: 4.93 min Scan# 497

Delta R.T. 0.02 min

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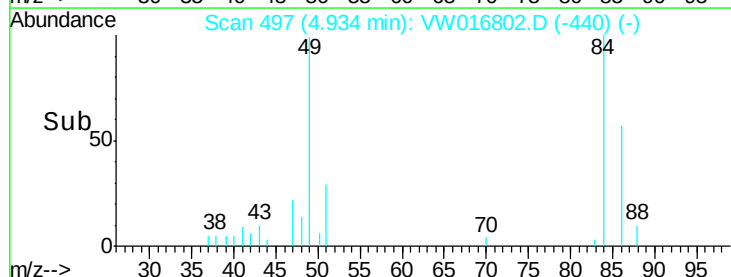
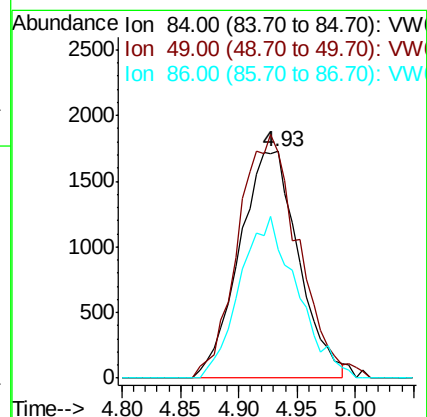
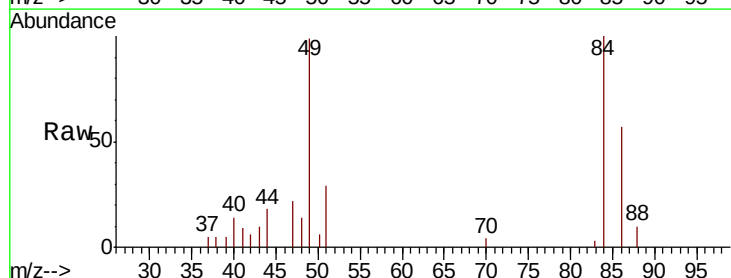
Tgt Ion: 84 Resp: 6081

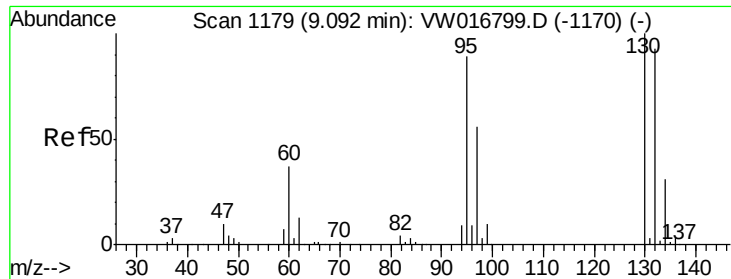
Ion Ratio Lower Upper

84 100

49 99.3 73.1 135.8

86 56.5 46.0 85.4





#35

Trichloroethene

Concen: 2.121 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW016802.D

Acq: 06 Oct 2020 19:11

Instrument :

MSVOA_W

ClientSampled :

VHBLK02

Tot Ion: 95 Resp: 16141

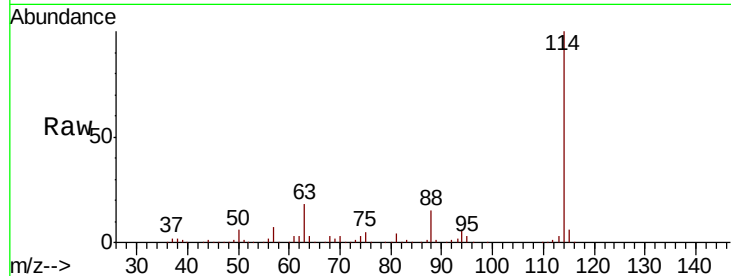
Ion Ratio Lower Upper

95 100

97 0.0 44.7 83.1#

132 0.0 73.8 137.2#

130 0.0 77.1 143.3#

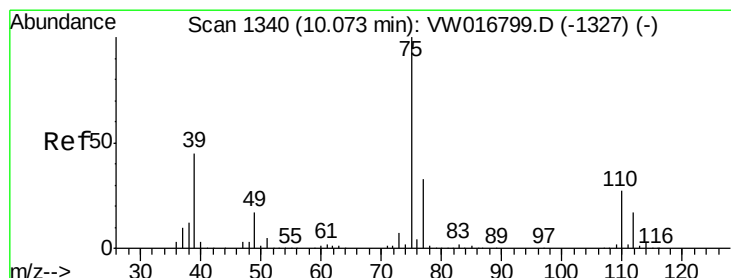
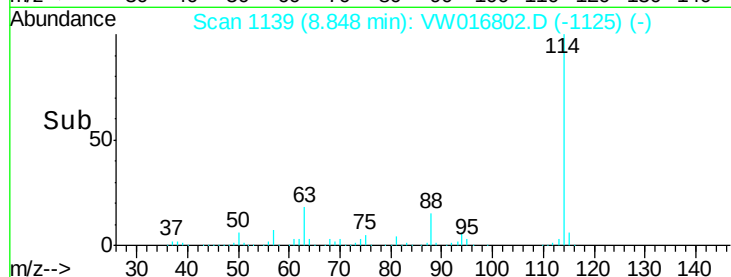
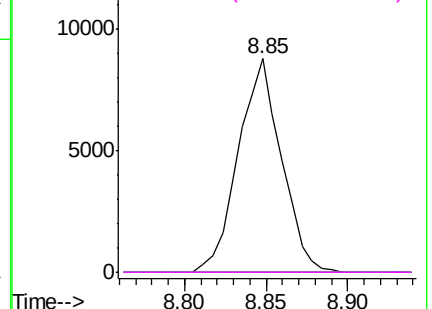


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.442 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW016802.D

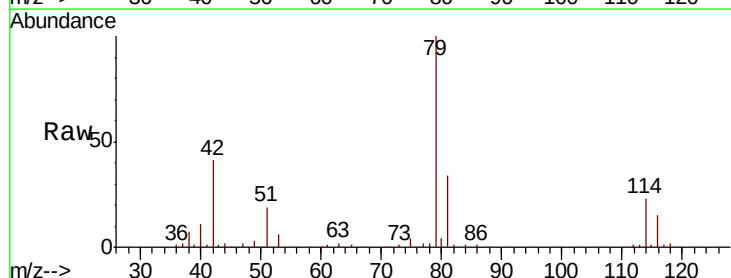
Acq: 06 Oct 2020 19:11

Tgt Ion: 75 Resp: 4284

Ion Ratio Lower Upper

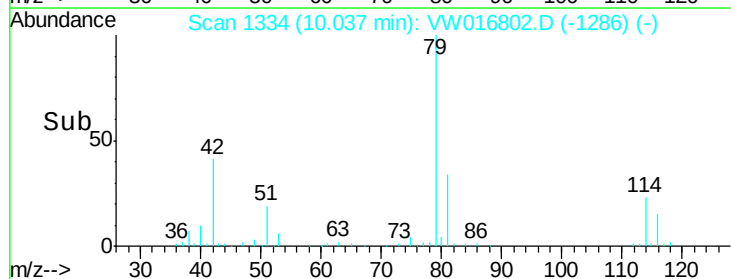
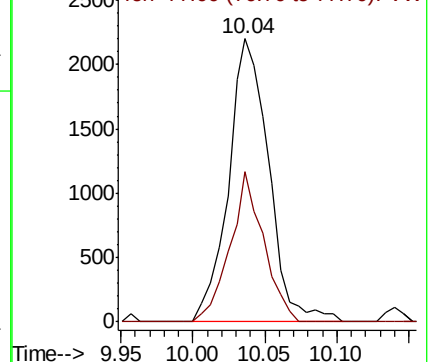
75 100

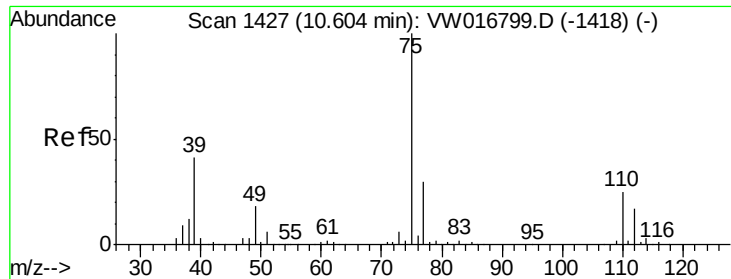
77 53.3 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.282 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW016802.D

Acq: 06 Oct 2020 19:11

Instrument :

MSVOA_W

ClientSampleId :

VHBLK02

Tot Ion: 75 Resp: 2303

Ion Ratio Lower Upper

75 100

77 33.1 22.2 41.2

