

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092120\
 Data File : VW016592.D
 Acq On : 21 Sep 2020 12:20
 Operator : SY/VA
 Sample : VW0921SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VBLK17

Quant Time: Sep 21 18:01:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 21 17:58:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	625297	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	558937	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	277621	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111252	18.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.52%
7) Chloroethane-d5	2.90	69	95911	19.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.64%
10) 1,1-Dichloroethene-d2	4.03	63	171994	12.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.84%
20) 2-Butanone-d5	7.08	46	84770	51.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.74%
24) Chloroform-d	7.65	84	288957	22.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.36%
26) 1,2-Dichloroethane-d4	8.31	65	158394	23.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.36%
29) Benzene-d6	8.28	84	513470	20.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.92%
33) 1,2-Dichloropropane-d6	9.27	67	155083	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.32%
37) Toluene-d8	10.32	98	476165	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.24%
38) trans-1,3-Dichloropropene-	10.58	79	77981	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.08%
39) 2-Hexanone-d5	10.93	63	68187	55.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149367	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	208029	23.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.80%

Target Compounds

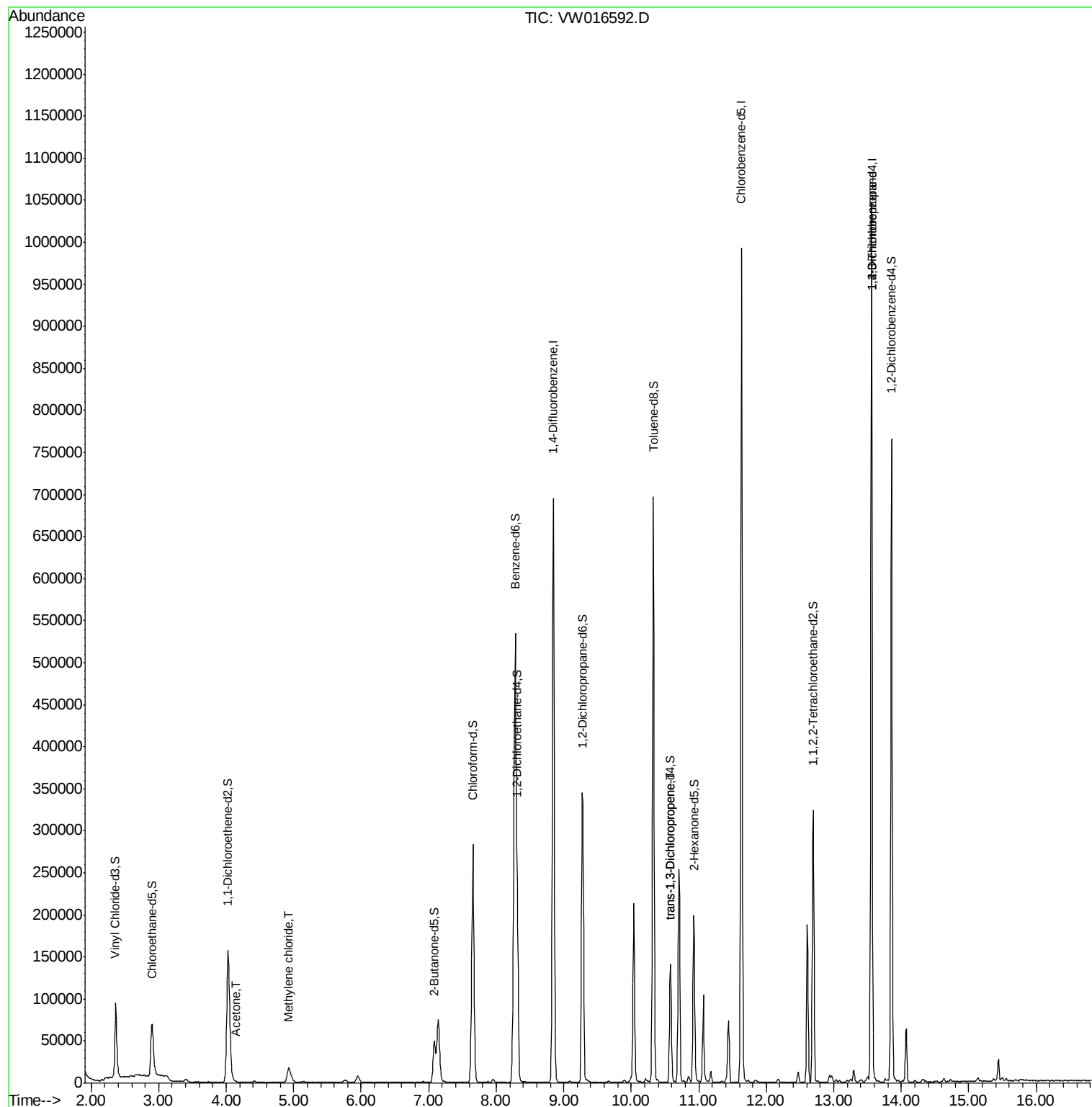
					Qvalue
13) Acetone	4.15	43	1278	0.989 ug/L	70
16) Methylene chloride	4.93	84	15060	1.562 ug/L	98
45) trans-1,3-Dichloropropene	10.58	75	4317	0.417 ug/L #	64
59) 1,2,3-Trichloropropane	13.56	75	30460	6.230 ug/L	91

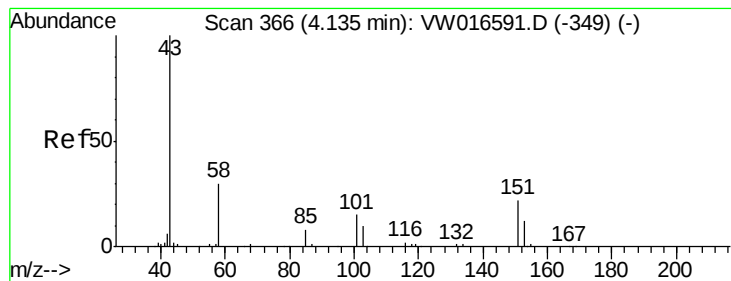
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.989 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

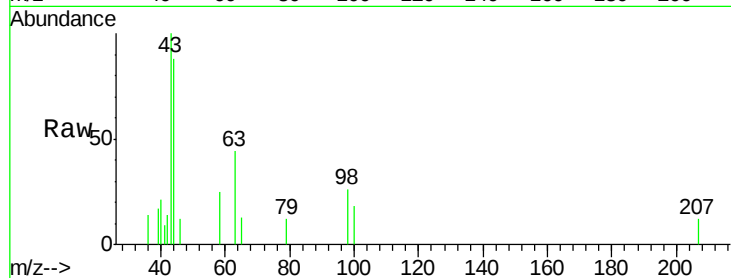
VBLK17

Tgt Ion: 43 Resp: 1278

Ion Ratio Lower Upper

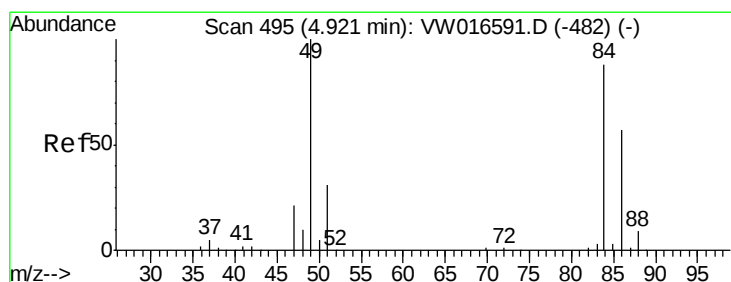
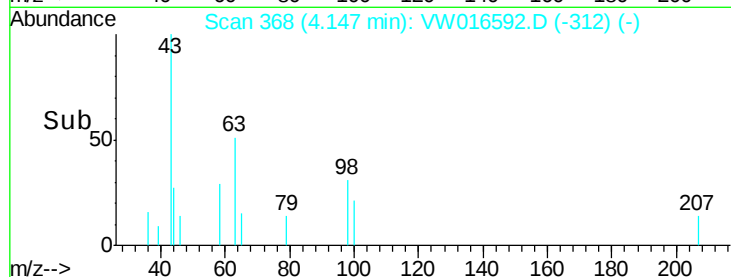
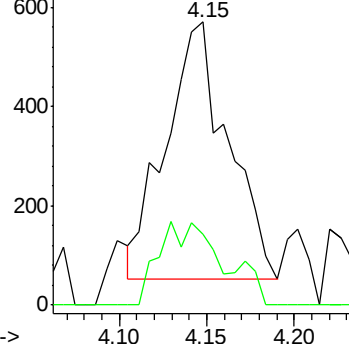
43 100

58 13.8 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.562 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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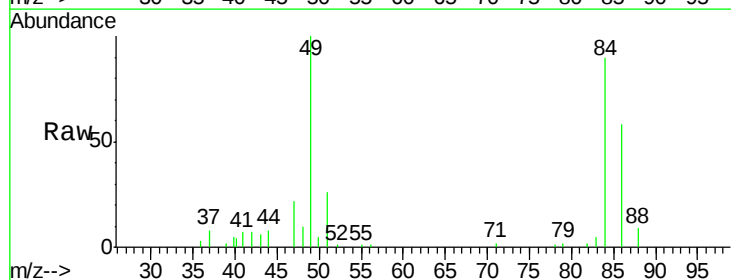
Tgt Ion: 84 Resp: 15060

Ion Ratio Lower Upper

84 100

49 110.8 76.0 141.2

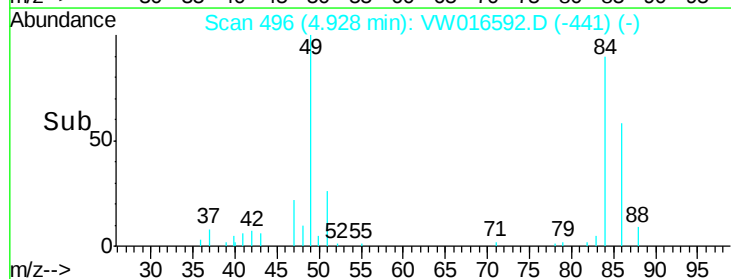
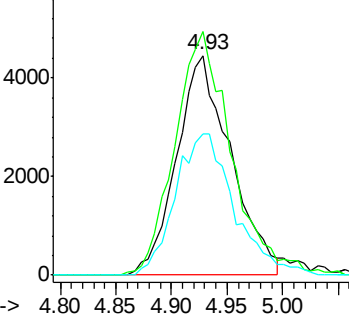
86 64.2 45.6 84.6

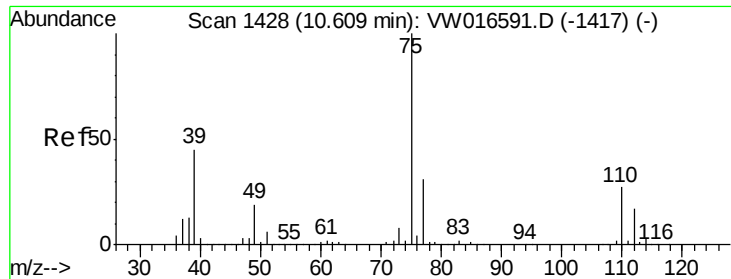


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.417 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

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ClientSampleId :

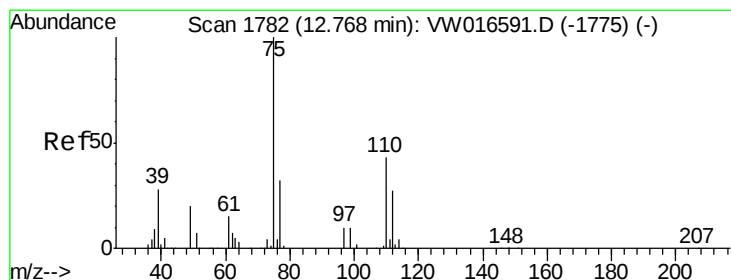
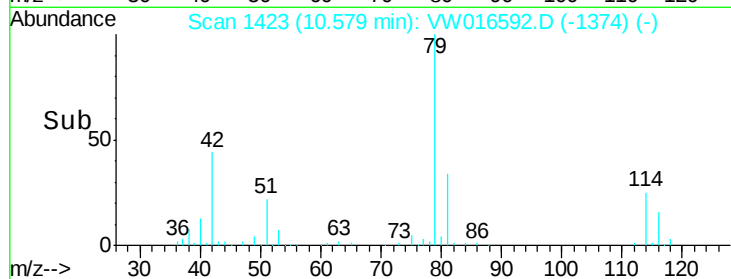
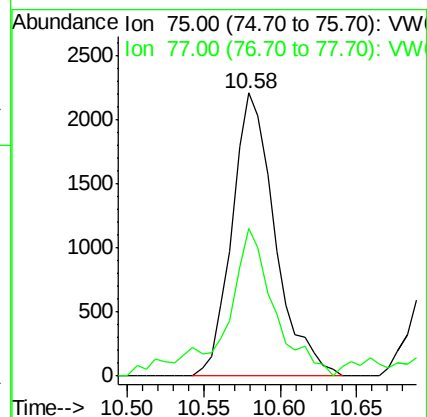
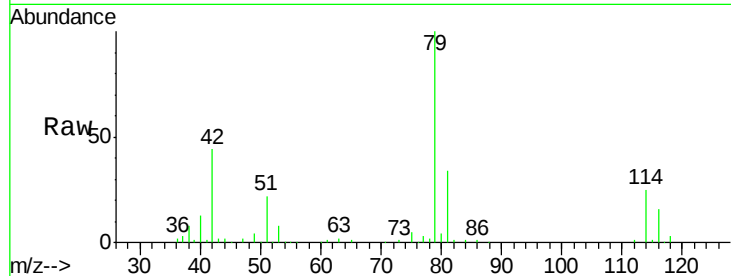
VBLK17

Tgt Ion: 75 Resp: 4317

Ion Ratio Lower Upper

75 100

77 52.2 22.5 41.9#



#59

1,2,3-Trichloropropane

Concen: 6.230 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016592.D

Acq: 21 Sep 2020 12:20

Tgt Ion: 75 Resp: 30460

Ion Ratio Lower Upper

75 100

77 37.9 26.2 39.4

