

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017287.D
 Acq On : 17 Nov 2020 15:34
 Operator : SY/VA
 Sample : L4711-20
 Misc : 4.53G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0B05

Quant Time: Nov 18 02:17:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 18 02:13:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	422461	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	91760	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	96146	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.28%
7) Chloroethane-d5	2.89	69	86525	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.40%
10) 1,1-Dichloroethene-d2	4.02	63	139606	14.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.68%
20) 2-Butanone-d5	7.08	46	36557	30.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.44%
24) Chloroform-d	7.65	84	216454	21.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.80%
26) 1,2-Dichloroethane-d4	8.30	65	108505	22.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.52%
29) Benzene-d6	8.28	84	396328	24.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.44%
33) 1,2-Dichloropropane-d6	9.28	67	115181	25.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.32%
37) Toluene-d8	10.33	98	351858	22.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.80%
38) trans-1,3-Dichloropropene-	10.59	79	34563	16.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.44%
39) 2-Hexanone-d5	10.93	63	24121	30.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73895	18.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.60%
61) 1,2-Dichlorobenzene-d4	13.86	152	71109	22.00	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.00%

Target Compounds

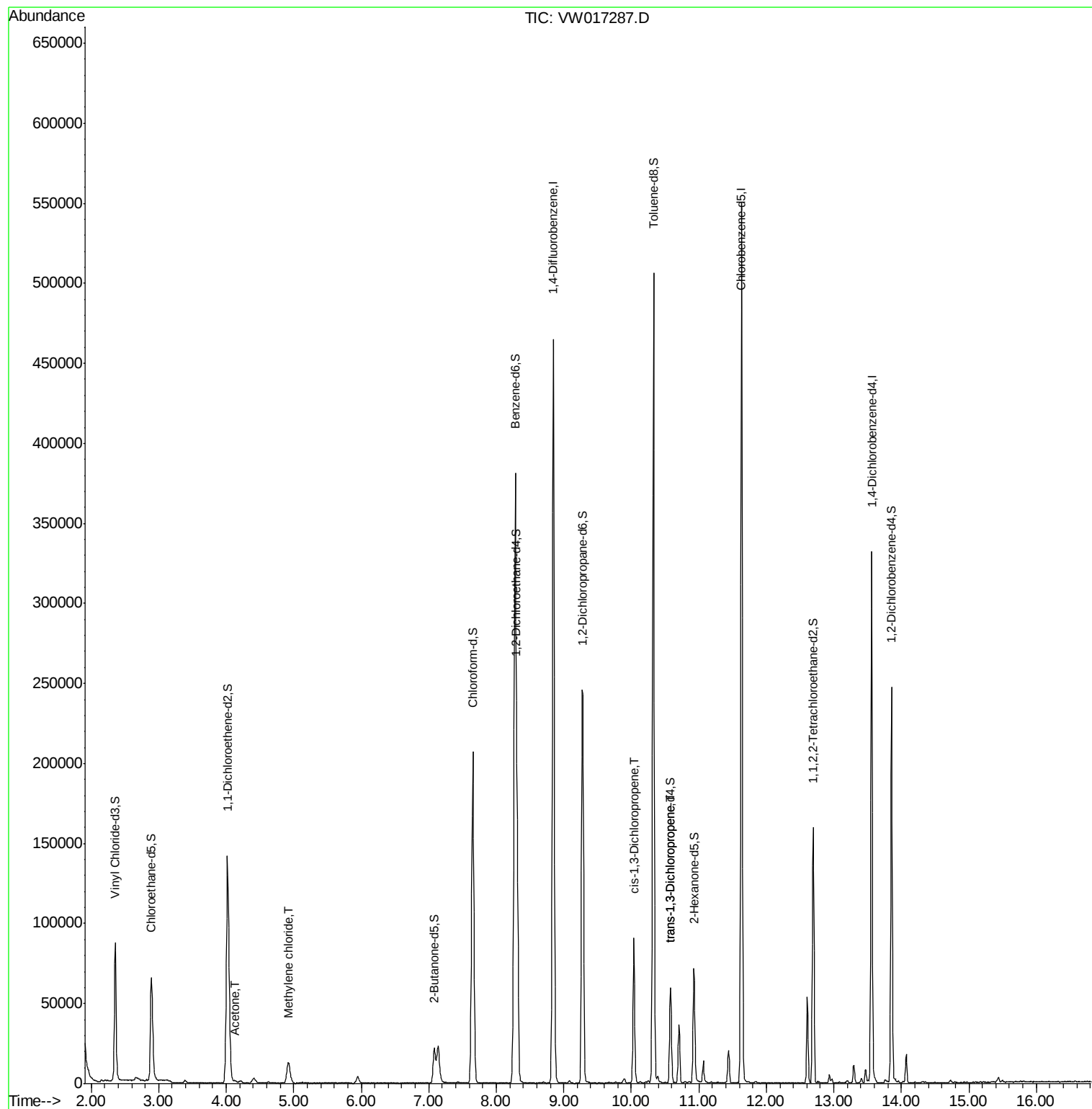
					Ovalue
13) Acetone	4.14	43	1412	1.772 ug/L #	40
16) Methylene chloride	4.92	84	11570	2.031 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	2564	0.408 ug/L #	80
45) trans-1,3-Dichloropropene	10.59	75	1837	0.341 ug/L #	82

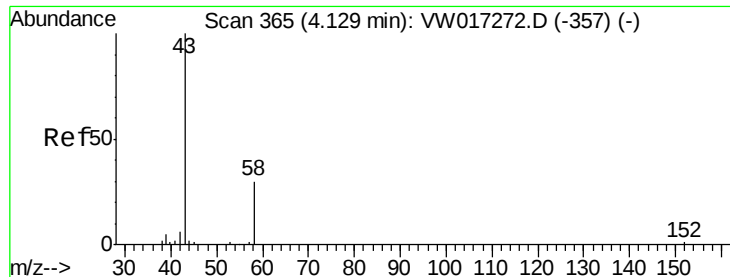
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.772 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW017287.D

Acq: 17 Nov 2020 15:34

Instrument :

MSVOA_W

ClientSampleId :

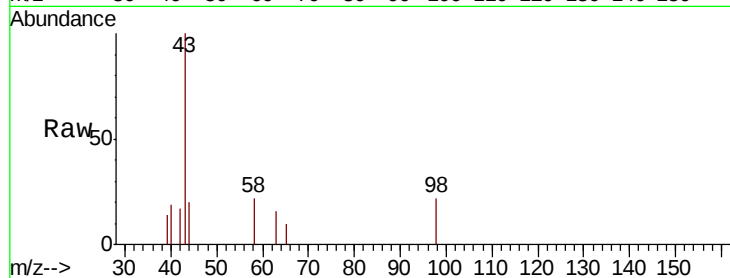
C0B05

Tot Ion: 43 Resp: 1412

Ion Ratio Lower Upper

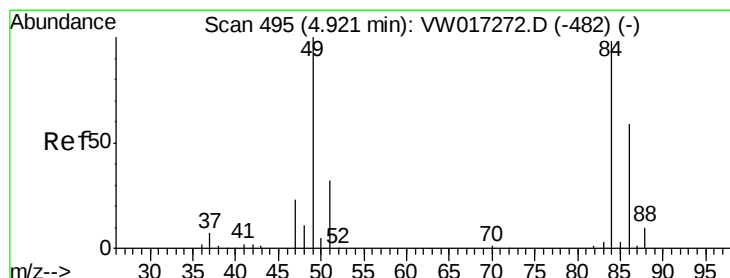
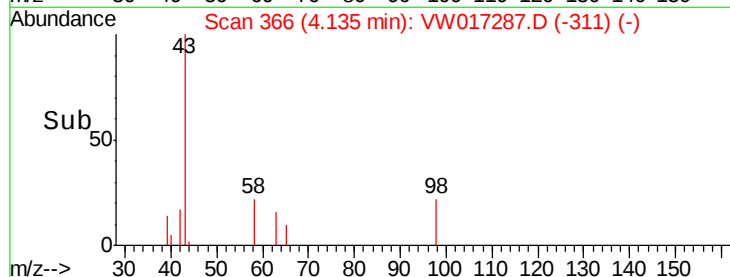
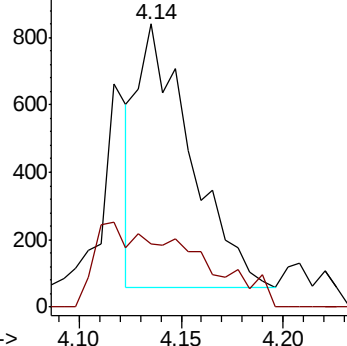
43 100

58 0.0 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.031 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW017287.D

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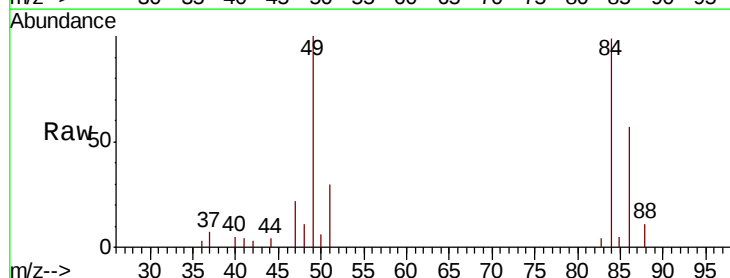
Tgt Ion: 84 Resp: 11570

Ion Ratio Lower Upper

84 100

49 100.5 72.3 134.3

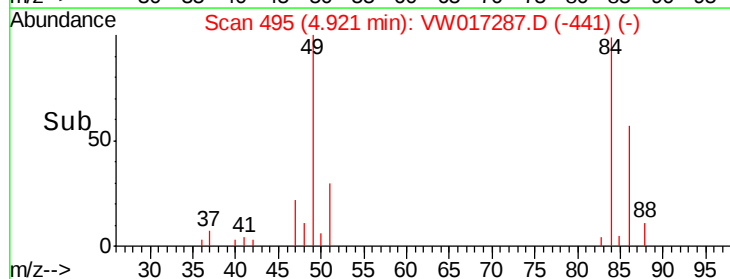
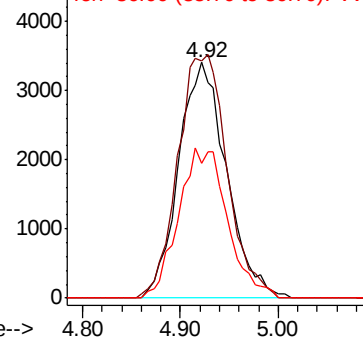
86 57.4 45.1 83.7

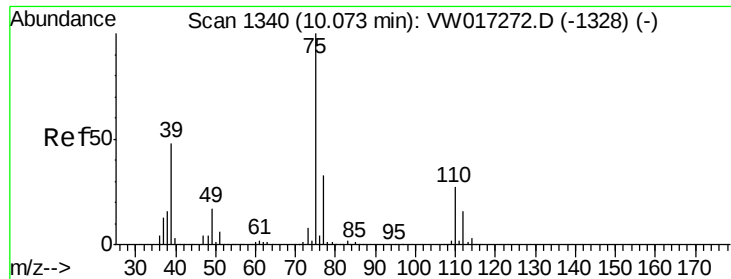


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

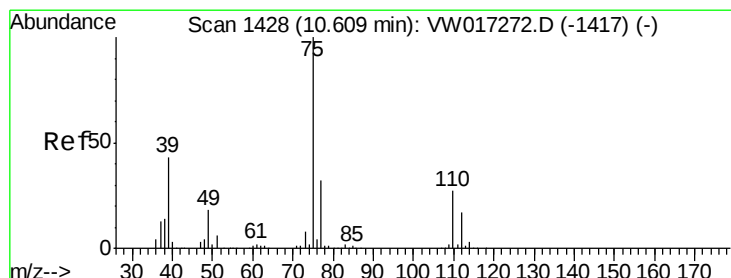
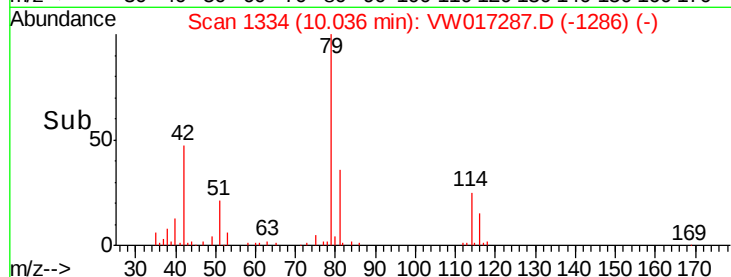
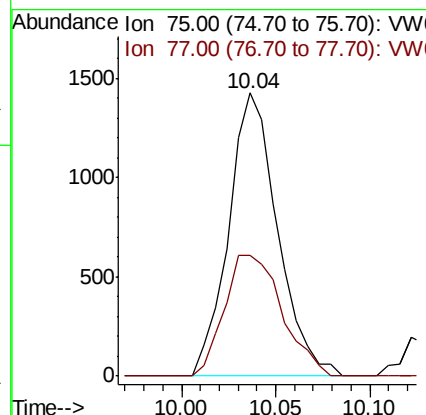
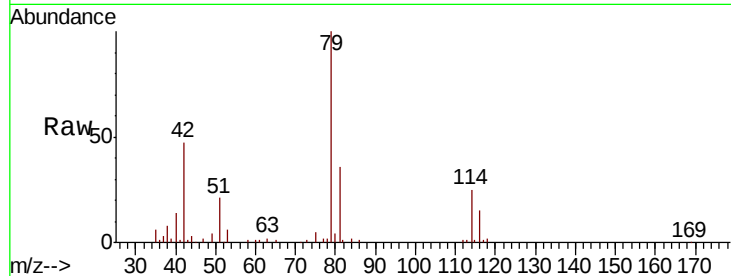




#42
 cis-1,3-Dichloropropene
 Concen: 0.408 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
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Tot Ion: 75 Resp: 2564
 Ion Ratio Lower Upper
 75 100
 77 42.7 22.0 41.0#



#45
 trans-1,3-Dichloropropene
 Concen: 0.341 ug/L
 RT: 10.59 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: VW017287.D
 Acq: 17 Nov 2020 15:34

Tgt Ion: 75 Resp: 1837
 Ion Ratio Lower Upper
 75 100
 77 41.7 22.1 41.1#

