

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011521\
 Data File : VW017906.D
 Acq On : 15 Jan 2021 18:32
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 18 02:10:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 18 02:07:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339491	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	307554	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	150465	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	95920	18.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.04%
7) Chloroethane-d5	2.89	69	86084	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.44%
10) 1,1-Dichloroethene-d2	4.02	63	132948	14.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.12%
20) 2-Butanone-d5	7.08	46	47310	55.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.14%
24) Chloroform-d	7.65	84	196631	22.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.64%
26) 1,2-Dichloroethane-d4	8.31	65	112790	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.24%
29) Benzene-d6	8.27	84	377509	21.79	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.16%
33) 1,2-Dichloropropane-d6	9.27	67	113737	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
37) Toluene-d8	10.32	98	353015	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.88%
38) trans-1,3-Dichloropropene-	10.58	79	40558	19.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.20%
39) 2-Hexanone-d5	10.93	63	33154	55.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89436	25.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	114747	21.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.60%

Target Compounds

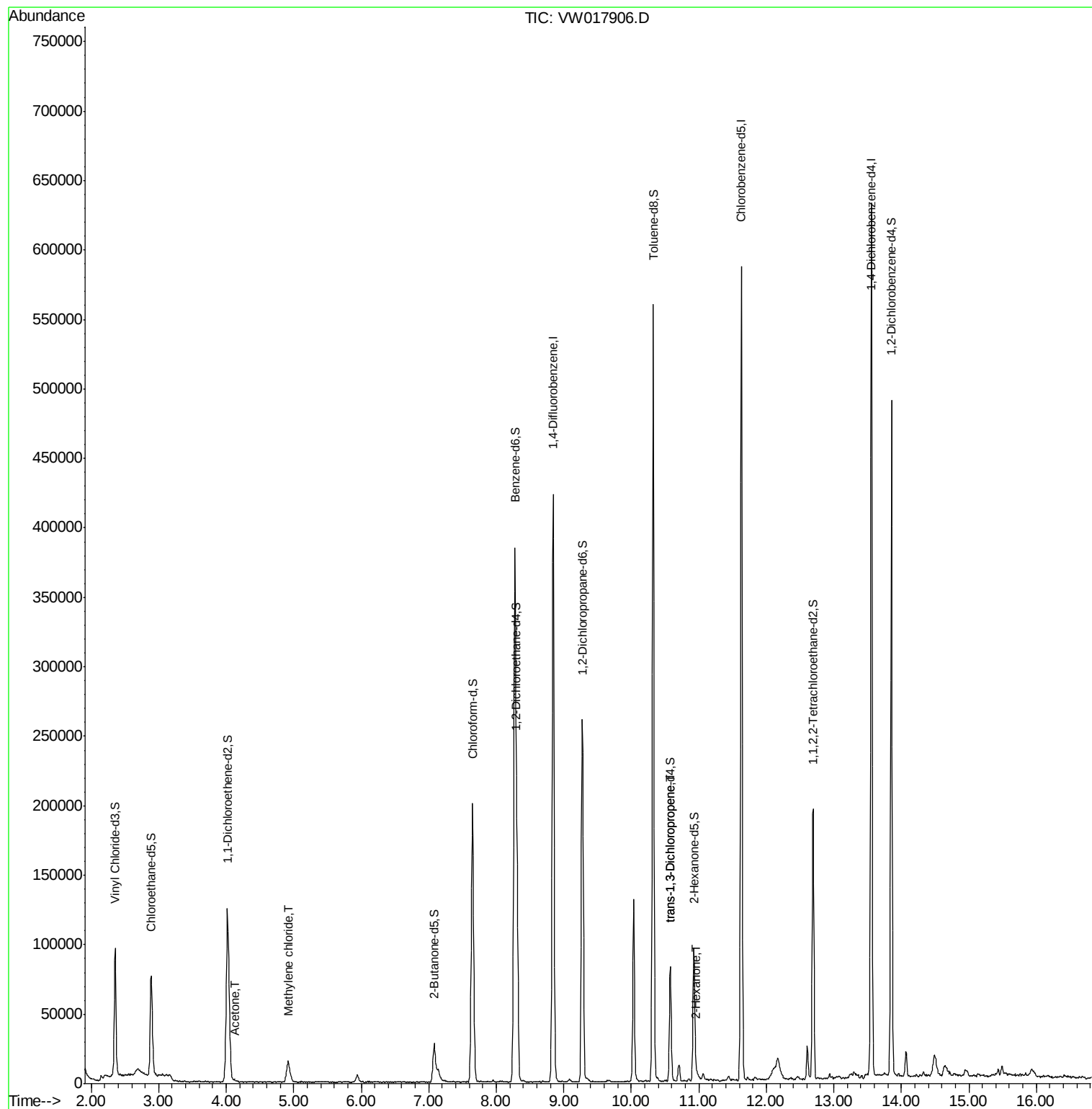
					Ovalue
13) Acetone	4.14	43	2061	2.803 ug/L	78
16) Methylene chloride	4.92	84	11266	2.321 ug/L	94
45) trans-1,3-Dichloropropene	10.58	75	2596	0.460 ug/L #	61
49) 2-Hexanone	10.96	43	690	0.482 ug/L #	39

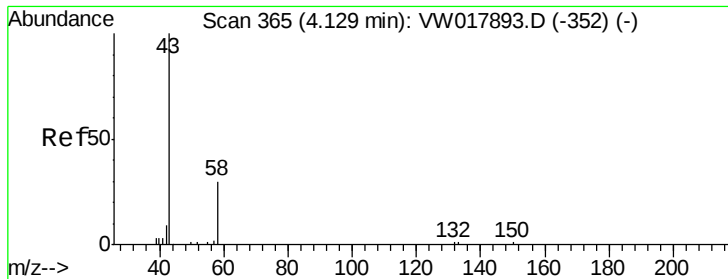
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.803 ug/L

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW017906.D

Acq: 15 Jan 2021 18:32

Instrument :

MSVOA_W

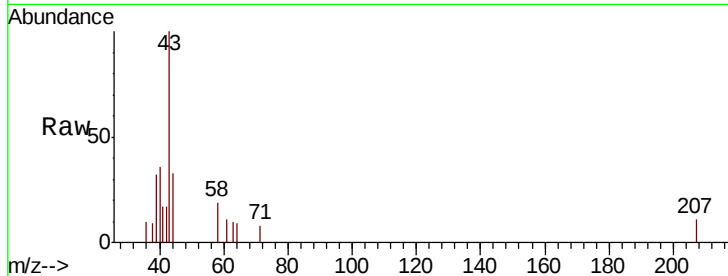
ClientSampled :

Tot Ion: 43 Resp: 2061

Ion Ratio Lower Upper

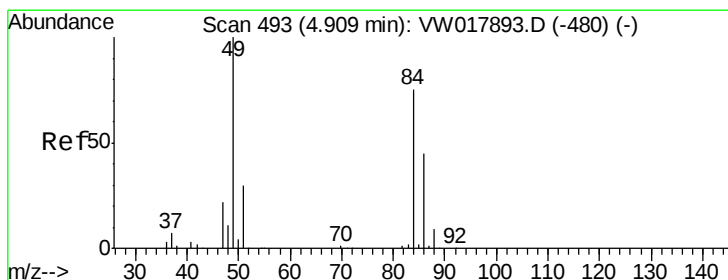
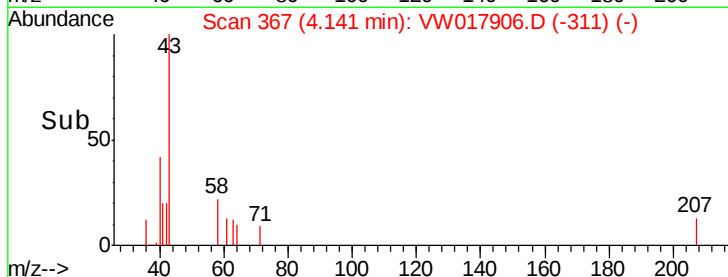
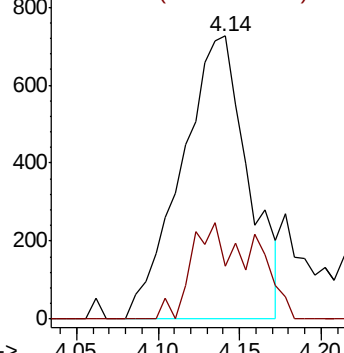
43 100

58 21.4 0.0 68.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.321 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

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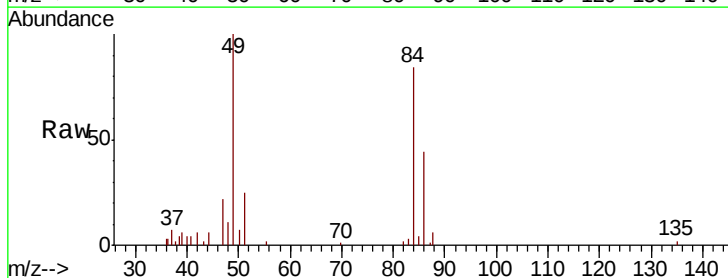
Tgt Ion: 84 Resp: 11266

Ion Ratio Lower Upper

84 100

49 118.5 81.2 150.8

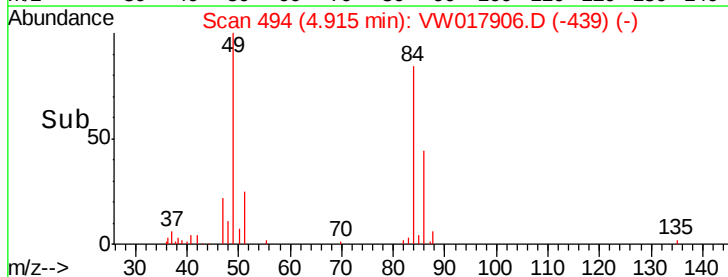
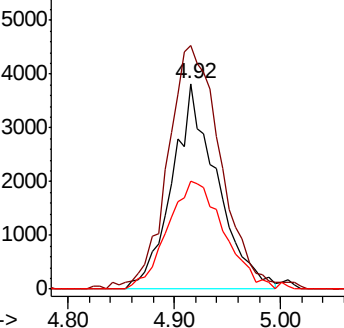
86 52.7 44.5 82.7

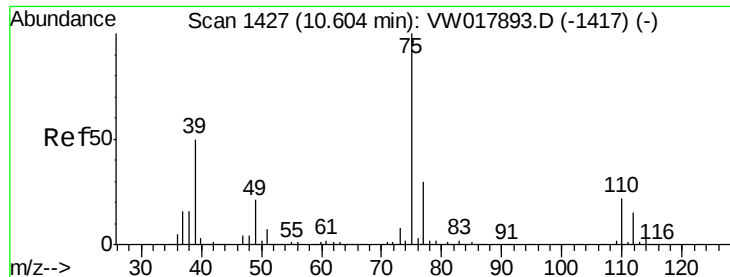


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.460 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

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Instrument :

MSVOA_W

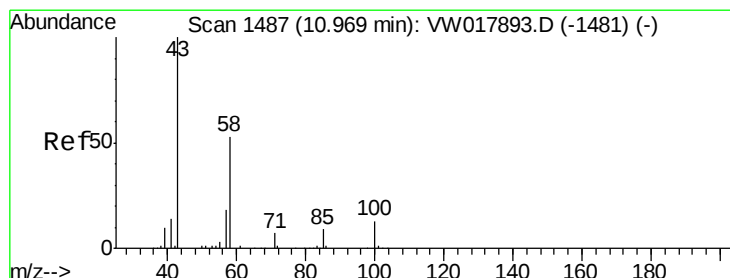
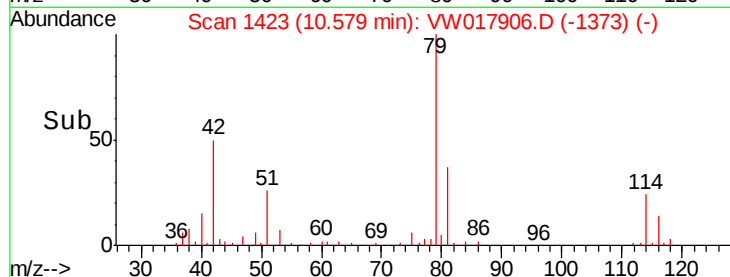
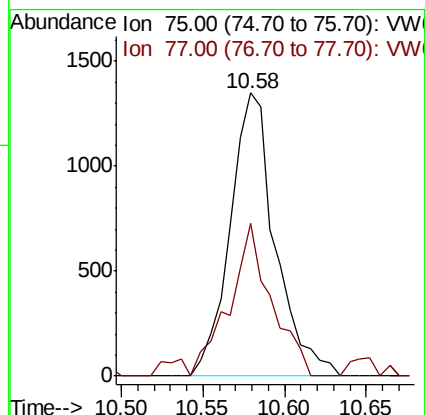
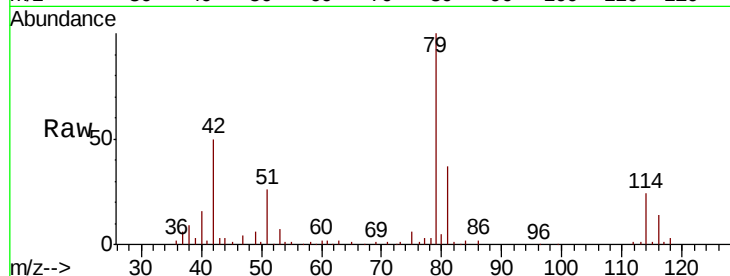
ClientSampleId :

Tot Ion: 75 Resp: 2596

Ion Ratio Lower Upper

75 100

77 54.2 22.6 42.0#



#49

2-Hexanone

Concen: 0.482 ug/L

RT: 10.96 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW017906.D

Acq: 15 Jan 2021 18:32

Tgt Ion: 43 Resp: 690

Ion Ratio Lower Upper

43 100

58 7.7 51.3 76.9#

57 0.0 15.0 22.6#

100 0.0 12.2 18.2#

