

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011620\
 Data File : VW014676.D
 Acq On : 16 Jan 2020 17:57
 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 17 01:22:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 17 01:19:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1026001	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	927664	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	451964	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	287140	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.40%
7) Chloroethane-d5	2.88	69	233006	21.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.48%
10) 1,1-Dichloroethene-d2	4.01	63	427853	16.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.68%
20) 2-Butanone-d5	7.07	46	219369	63.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.48%
24) Chloroform-d	7.65	84	541929	22.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	8.30	65	300367	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.08%
29) Benzene-d6	8.27	84	1202482	24.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.52%
33) 1,2-Dichloropropane-d6	9.27	67	364782	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	10.32	98	1094789	24.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.92%
38) trans-1,3-Dichloropropene-	10.57	79	149093	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.36%
39) 2-Hexanone-d5	10.92	63	174107	68.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.30%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	320542	28.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	386731	25.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.88%

Target Compounds

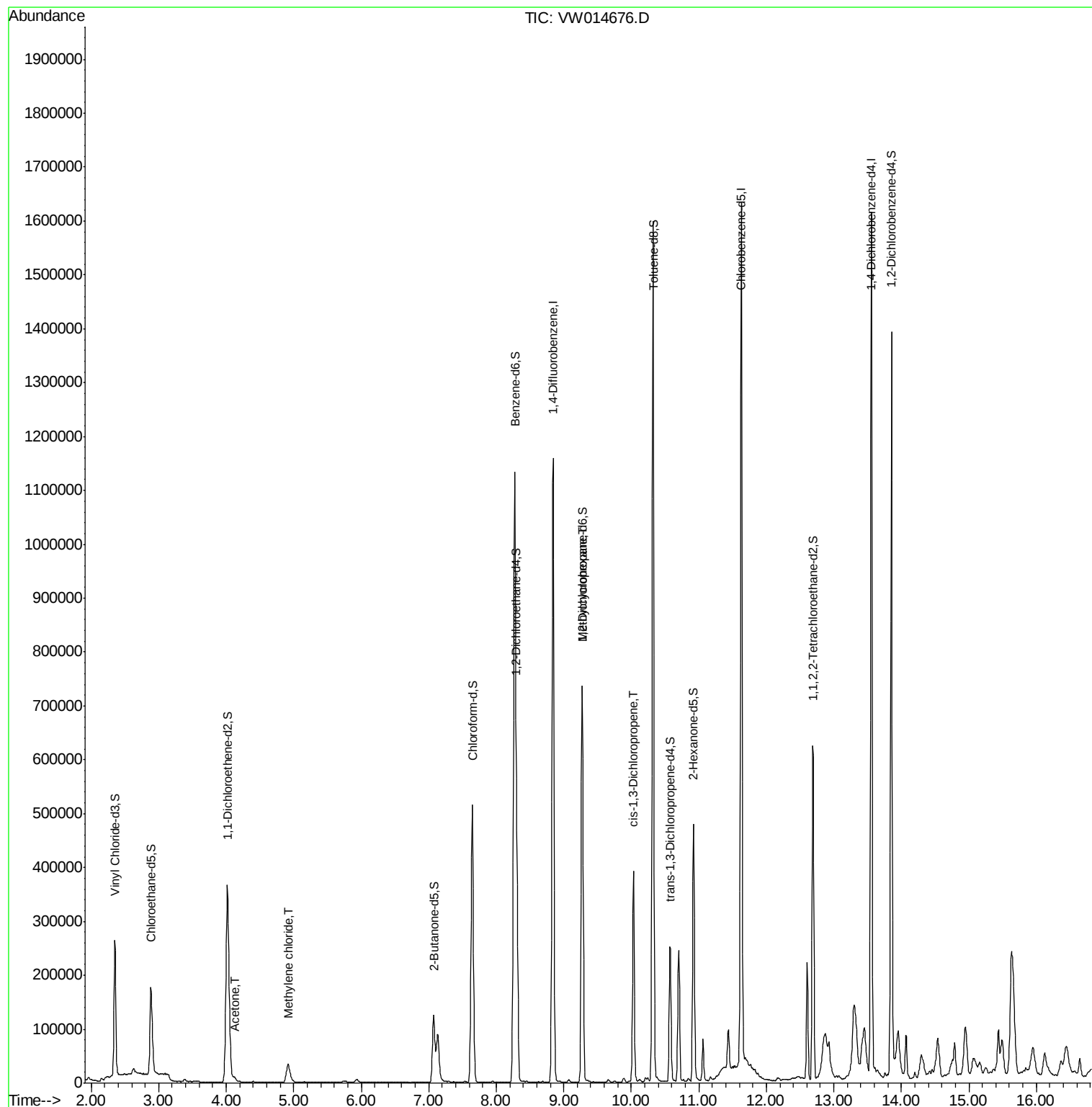
					Ovalue
13) Acetone	4.12	43	13077	2.744 ug/L	95
16) Methylene chloride	4.92	84	30293	1.811 ug/L	96
36) Methylcyclohexane	9.27	83	87220	3.451 ug/L #	18
42) cis-1,3-Dichloropropene	10.03	75	8556	0.405 ug/L #	60

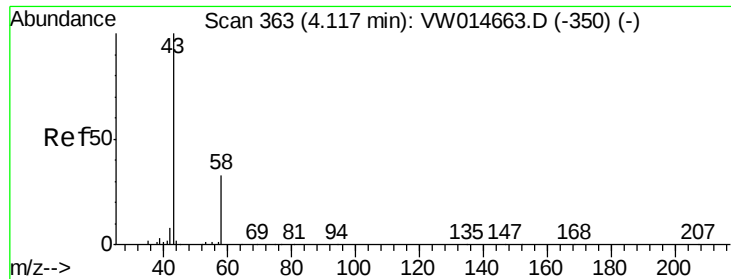
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.744 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014676.D

Acq: 16 Jan 2020 17:57

Instrument :

MSVOA_W

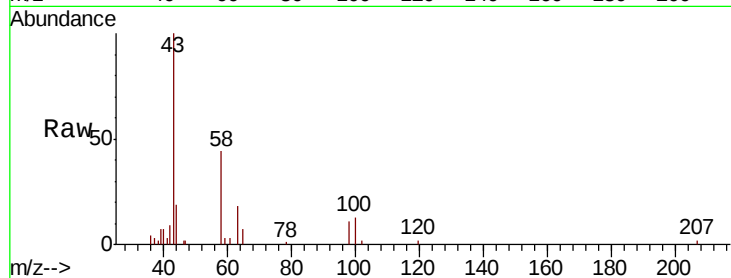
ClientSampleId :

Tot Ion: 43 Resp: 13077

Ion Ratio Lower Upper

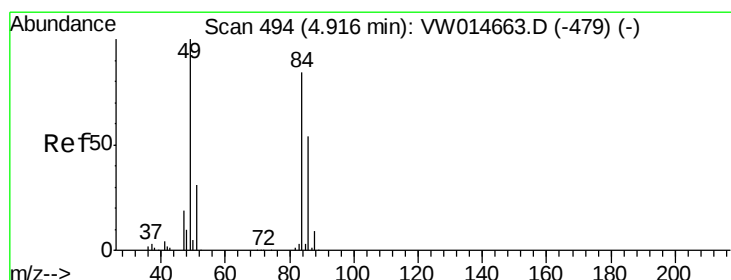
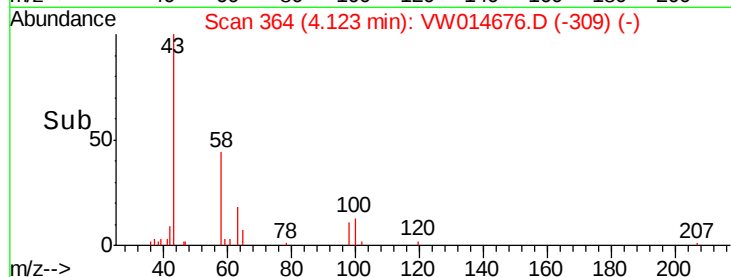
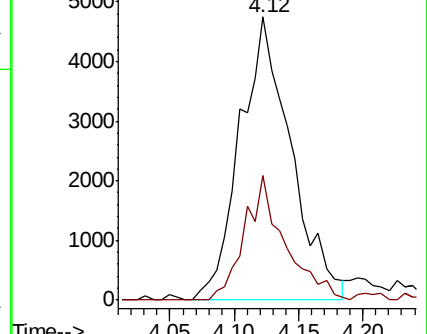
43 100

58 34.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.811 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

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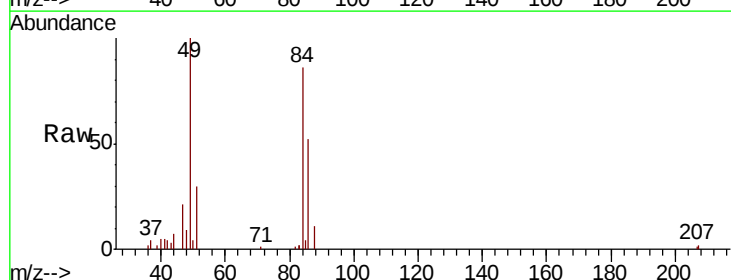
Tgt Ion: 84 Resp: 30293

Ion Ratio Lower Upper

84 100

49 116.9 85.8 159.4

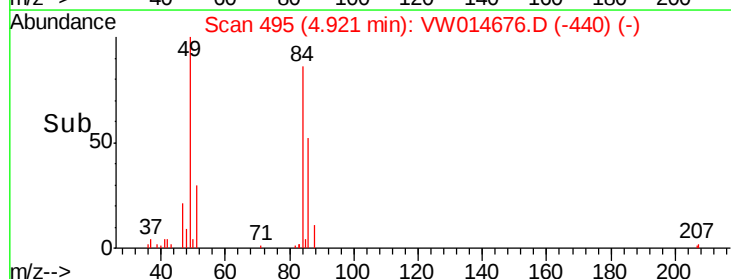
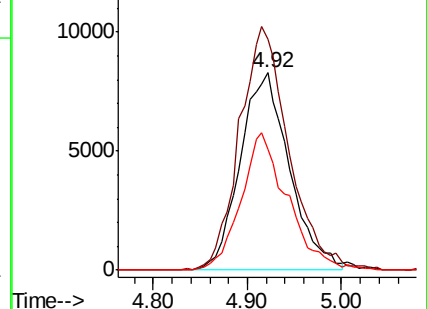
86 61.0 44.5 82.7

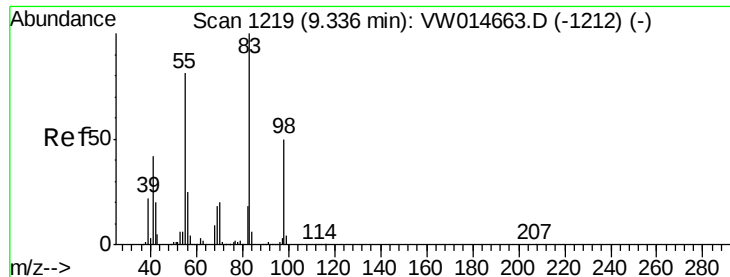


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

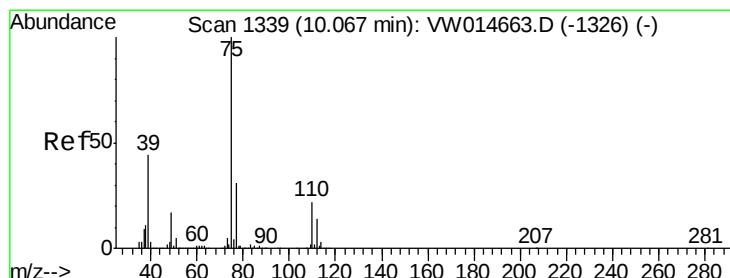
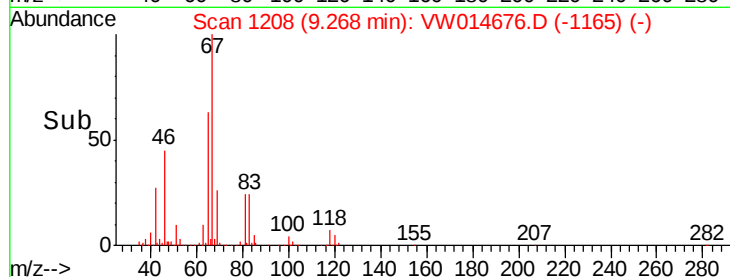
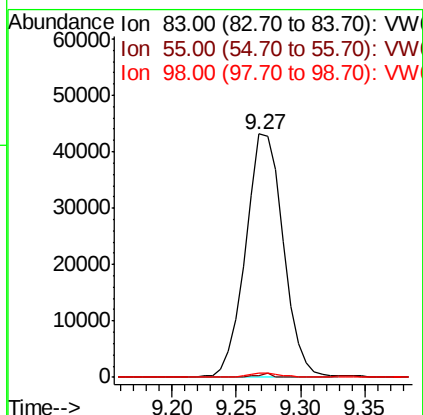
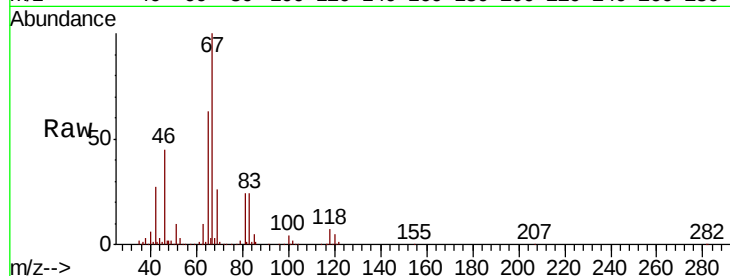




#36
Methylcyclohexane
Concen: 3.451 ug/L
RT: 9.27 min Scan# 1208
Delta R.T. -0.07 min
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Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 87220
Ion Ratio Lower Upper
83 100
55 0.7 63.7 95.5#
98 1.6 39.4 59.2#



#42
cis-1,3-Dichloropropene
Concen: 0.405 ug/L
RT: 10.03 min Scan# 1333
Delta R.T. -0.04 min
Lab File: VW014676.D
Acq: 16 Jan 2020 17:57

Tgt Ion: 75 Resp: 8556
Ion Ratio Lower Upper
75 100
77 51.9 21.0 39.0#

