

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014312.D
 Acq On : 11 Dec 2019 18:59
 Operator : SY/VA
 Sample : K6172-18RE
 Misc : 5.02G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 05:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 12 04:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	582512	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	395393	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	72978	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	206584	23.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.68%
7) Chloroethane-d5	2.88	69	193751	29.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.16%
10) 1,1-Dichloroethene-d2	4.01	63	270501	17.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.44%
20) 2-Butanone-d5	7.07	46	153030	66.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.16%
24) Chloroform-d	7.64	84	453760	30.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	122.36%
26) 1,2-Dichloroethane-d4	8.30	65	229556	29.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.08%
29) Benzene-d6	8.27	84	901333	38.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	155.60%#
33) 1,2-Dichloropropane-d6	9.27	67	309174	43.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	173.48%#
37) Toluene-d8	10.32	98	658186	31.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	125.64%
38) trans-1,3-Dichloropropene-	10.57	79	56510	18.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.56%
39) 2-Hexanone-d5	10.92	63	97000	68.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.86%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	223743	38.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	154.04%#
61) 1,2-Dichlorobenzene-d4	13.85	152	125595	45.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	180.16%#

Target Compounds

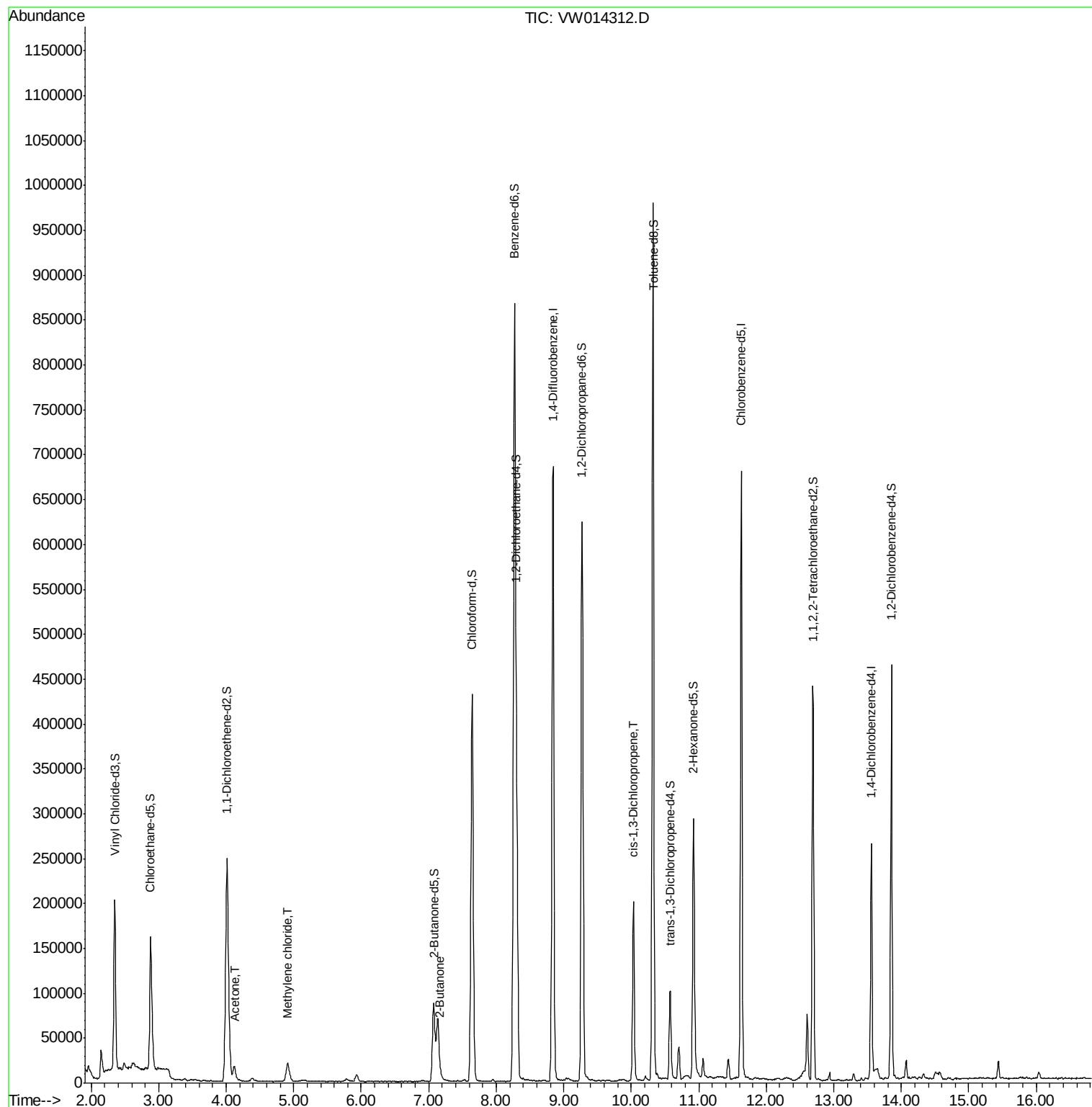
					Ovalue
13) Acetone	4.12	43	26513	11.963 ug/L	98
16) Methylene chloride	4.91	84	16582	1.857 ug/L	90
21) 2-Butanone	7.17	43	7935	2.667 ug/L	96
42) cis-1,3-Dichloropropene	10.04	75	4517	0.469 ug/L #	58

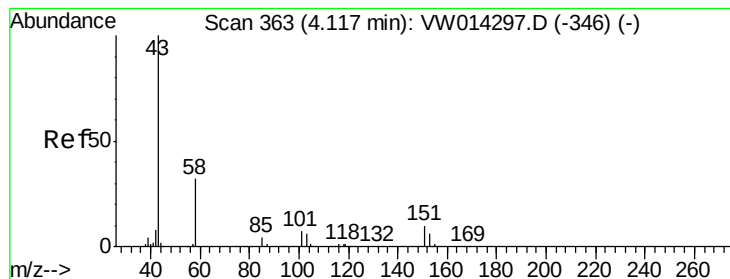
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.963 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014312.D

Acq: 11 Dec 2019 18:59

Instrument :

MSVOA_W

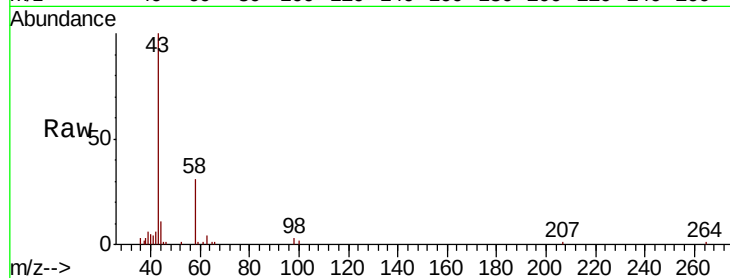
ClientSampled :

Tot Ion: 43 Resp: 26513

Ion Ratio Lower Upper

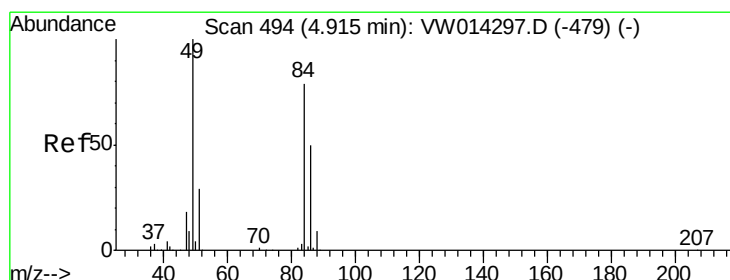
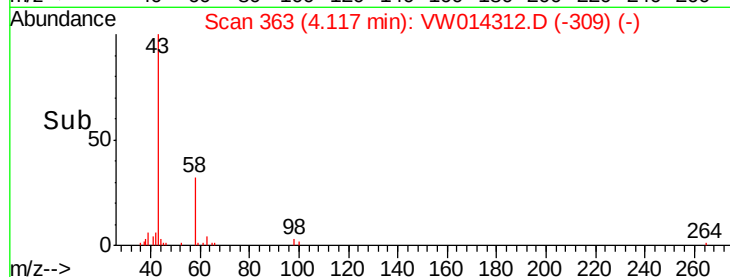
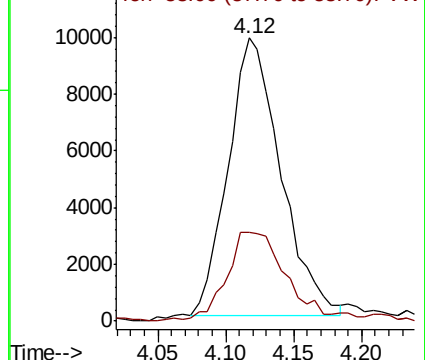
43 100 0.0 65.4

58 33.7 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.857 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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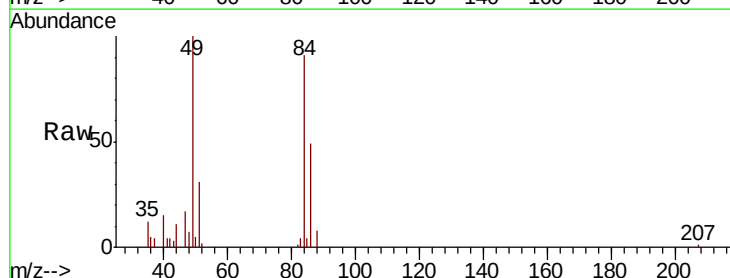
Tgt Ion: 84 Resp: 16582

Ion Ratio Lower Upper

84 100 84.2 156.4

49 110.3 84.2 156.4

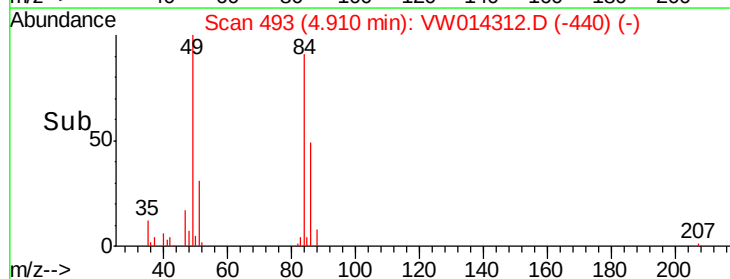
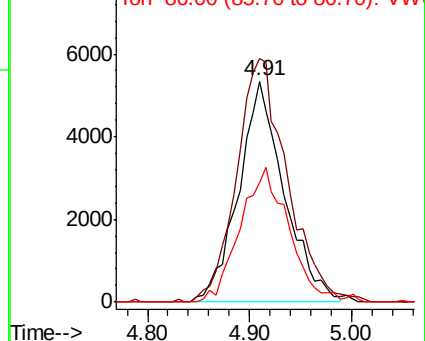
86 54.3 43.7 81.1

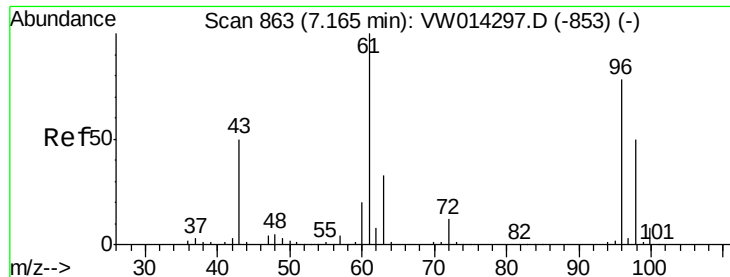


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 2.667 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

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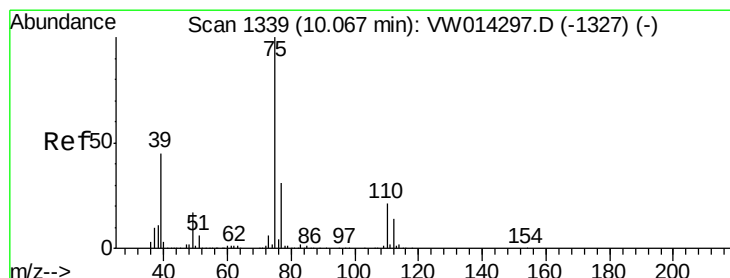
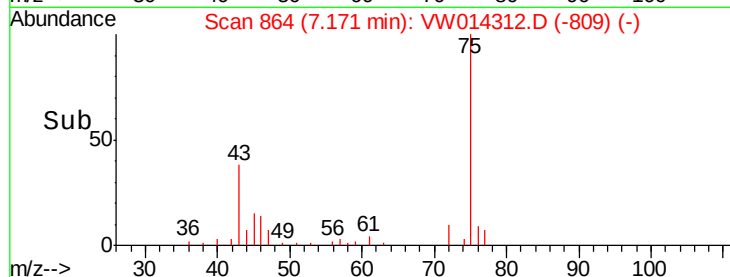
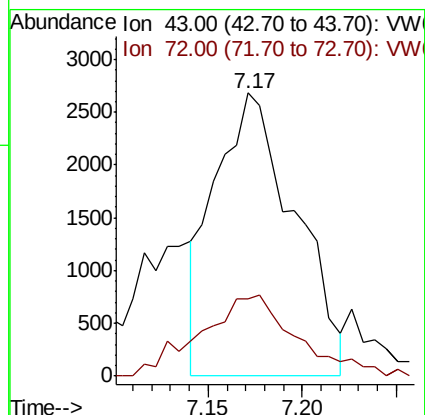
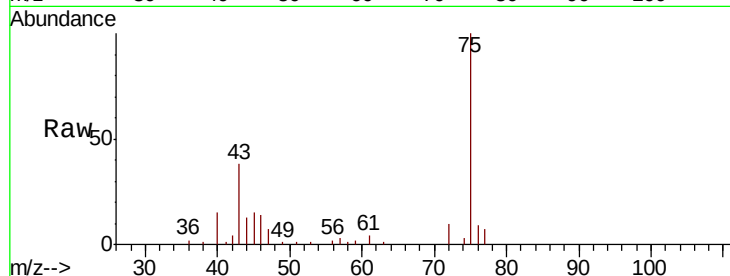
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 7935

Ion Ratio Lower Upper

43 100

72 30.5 14.1 42.2



#42

cis-1,3-Dichloropropene

Concen: 0.469 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014312.D

Acq: 11 Dec 2019 18:59

Tgt Ion: 75 Resp: 4517

Ion Ratio Lower Upper

75 100

77 55.0 22.1 41.1#

