

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014301.D
 Acq On : 11 Dec 2019 14:09
 Operator : SY/VA
 Sample : K6236-01
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 04:59:44 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	1081051	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	991189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	423248	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	372617	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
7) Chloroethane-d5	2.89	69	292727	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
10) 1,1-Dichloroethene-d2	4.01	63	507101	17.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.16%
20) 2-Butanone-d5	7.07	46	191462	44.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.76%
24) Chloroform-d	7.64	84	656834	23.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	8.45	65	140	0.01	ug/L	0.15
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1379122	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	9.27	67	430705	24.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.40%
37) Toluene-d8	10.32	98	1222149	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.08%
38) trans-1,3-Dichloropropene-	10.57	79	168344	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.80%
39) 2-Hexanone-d5	10.92	63	149207	41.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.98%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	332690	22.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	393048	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%

Target Compounds

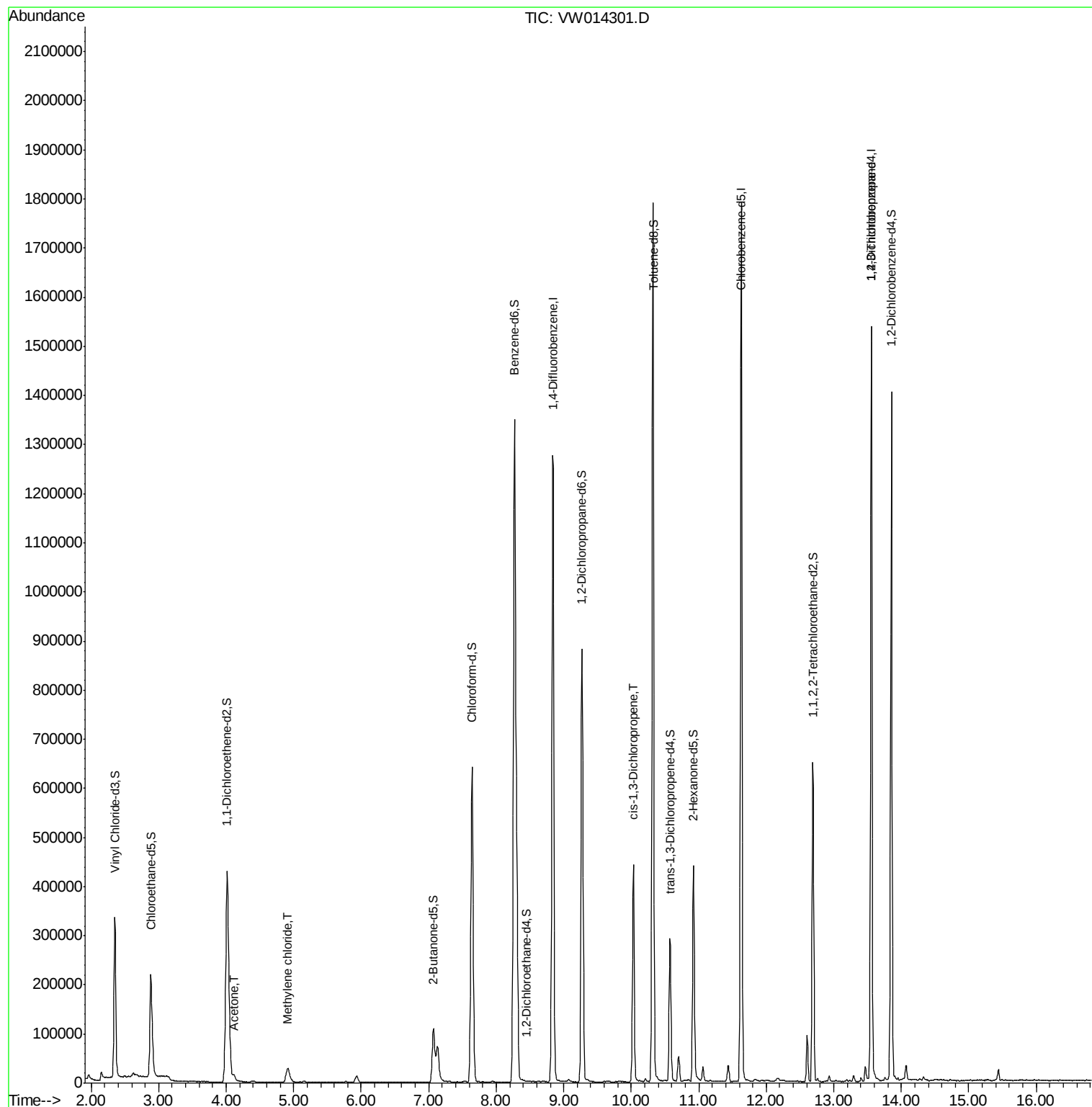
					Ovalue
13) Acetone	4.12	43	20404	4.961 ug/L	69
16) Methylene chloride	4.92	84	26450	1.596 ug/L	97
42) cis-1,3-Dichloropropene	10.04	75	10391	0.430 ug/L #	72
59) 1,2,3-Trichloropropane	13.55	75	48984	4.396 ug/L	95

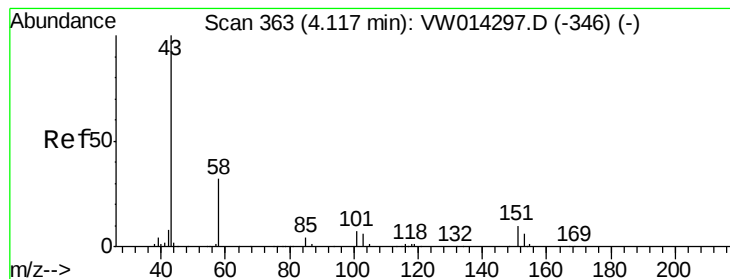
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.961 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014301.D

Acq: 11 Dec 2019 14:09

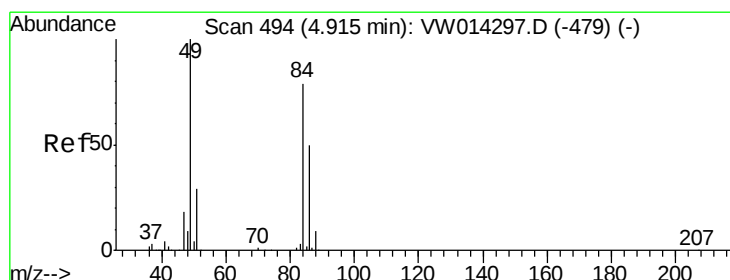
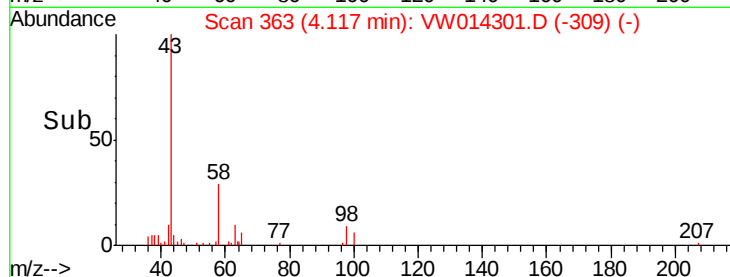
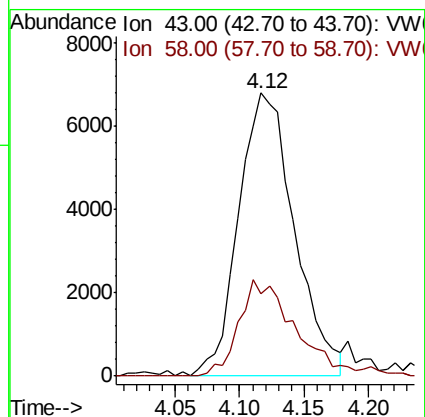
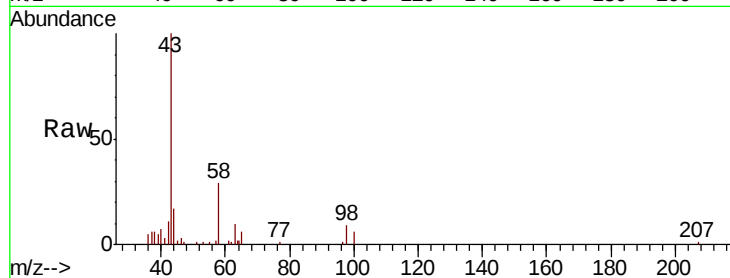
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 20404

Ion Ratio Lower Upper

43 100

58 15.1 0.0 65.4



#16

Methylene chloride

Concen: 1.596 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW014301.D

Acq: 11 Dec 2019 14:09

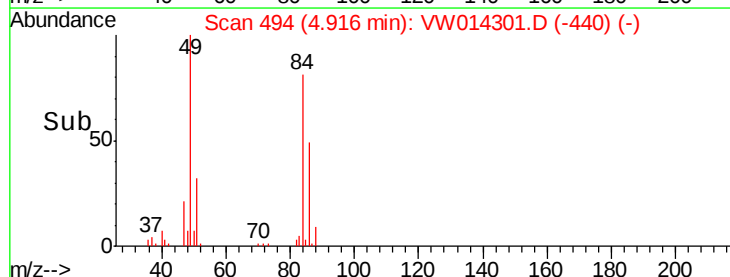
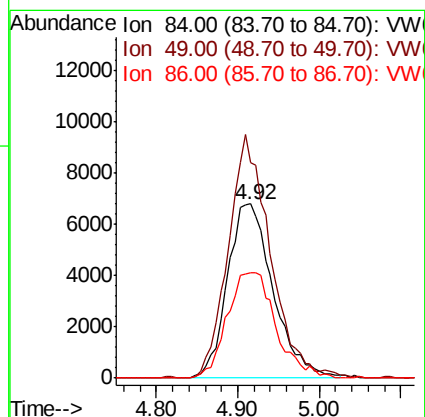
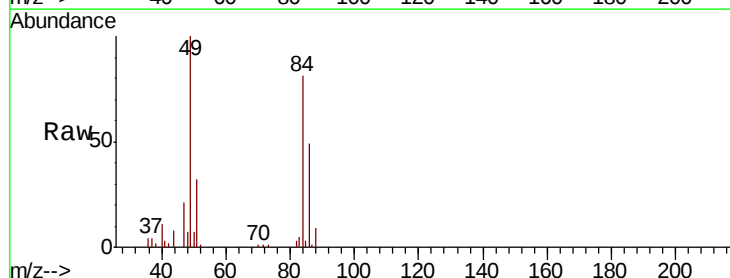
Tgt Ion: 84 Resp: 26450

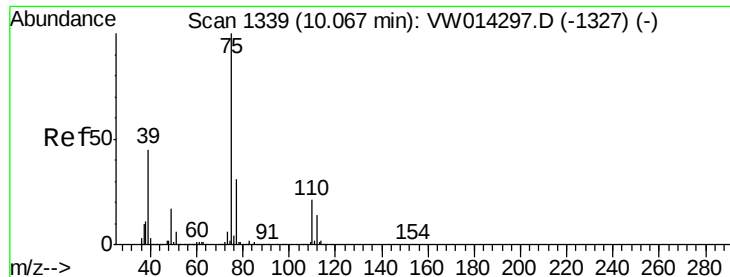
Ion Ratio Lower Upper

84 100

49 124.0 84.2 156.4

86 60.7 43.7 81.1





#42

cis-1,3-Dichloropropene

Concen: 0.430 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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Acq: 11 Dec 2019 14:09

Instrument :

MSVOA_W

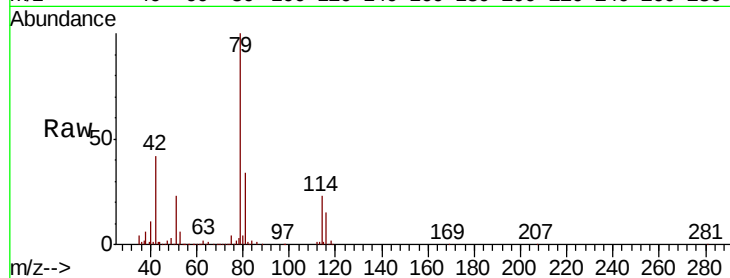
ClientSampleId :

Tot Ion: 75 Resp: 10391

Ion Ratio Lower Upper

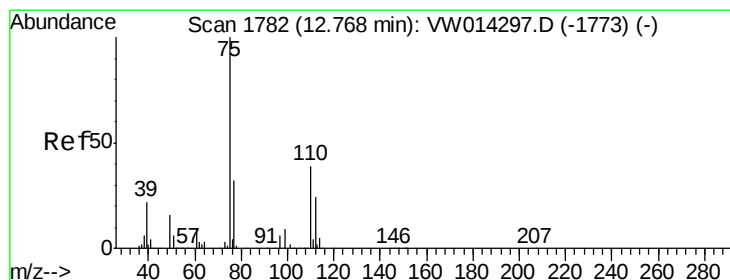
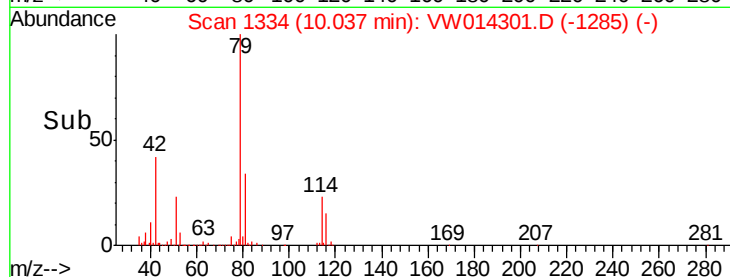
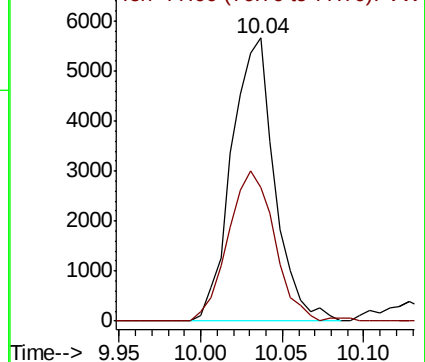
75 100

77 47.2 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.396 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014301.D

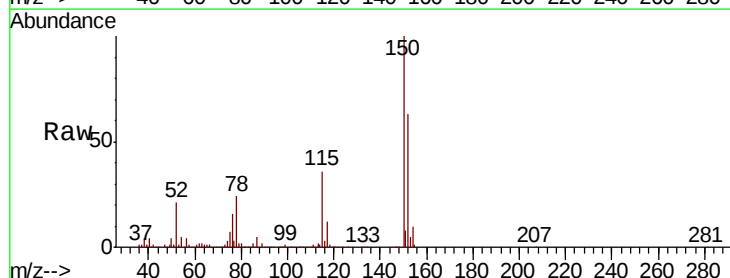
Acq: 11 Dec 2019 14:09

Tgt Ion: 75 Resp: 48984

Ion Ratio Lower Upper

75 100

77 35.1 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

