

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121119\
 Data File : VW014302.D
 Acq On : 11 Dec 2019 14:35
 Operator : SY/VA
 Sample : K6236-02
 Misc : 5.40G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 04:59:49 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	1311625	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1189961	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	519937	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	428445	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
7) Chloroethane-d5	2.89	69	333436	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.32%
10) 1,1-Dichloroethene-d2	4.01	63	602324	17.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.68%
20) 2-Butanone-d5	7.07	46	195025	37.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.36%
24) Chloroform-d	7.65	84	774894	23.20	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	8.41	65	173	0.01	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	1637194	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
33) 1,2-Dichloropropane-d6	9.27	67	507113	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.52%
37) Toluene-d8	10.32	98	1467156	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.08%
38) trans-1,3-Dichloropropene-	10.57	79	189911	21.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.40%
39) 2-Hexanone-d5	10.92	63	154349	36.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	348796	19.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	474867	23.90	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.60%

Target Compounds

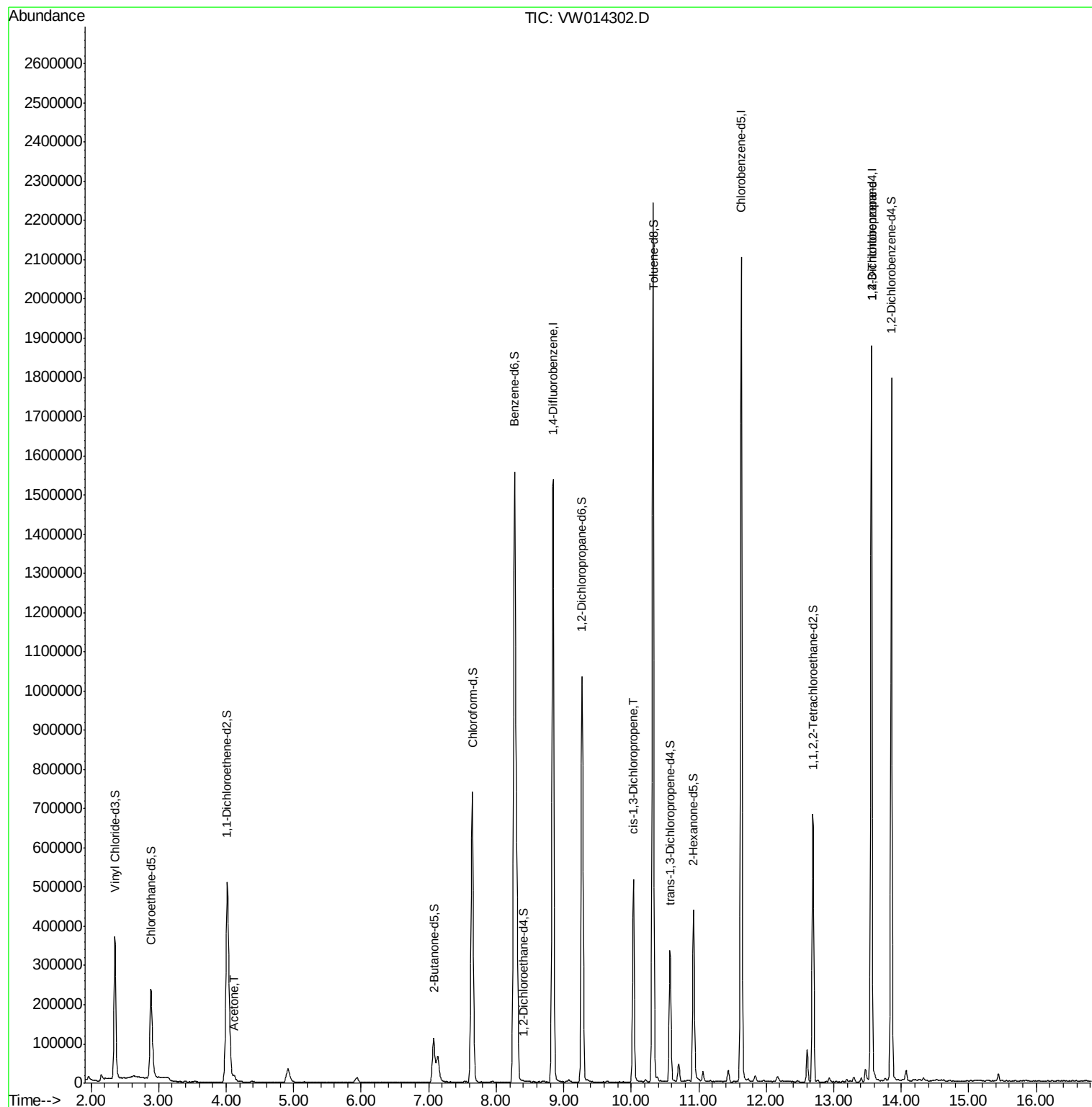
					Ovalue
13) Acetone	4.12	43	22042	4.417 ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	11812	0.407 ug/L #	71
59) 1,2,3-Trichloropropane	13.55	75	61047	4.563 ug/L	96

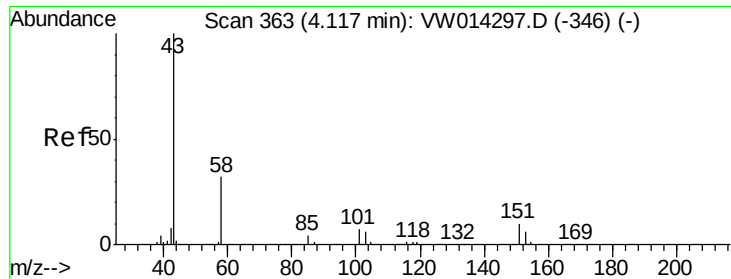
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.417 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014302.D

Acq: 11 Dec 2019 14:35

Instrument :

MSVOA_W

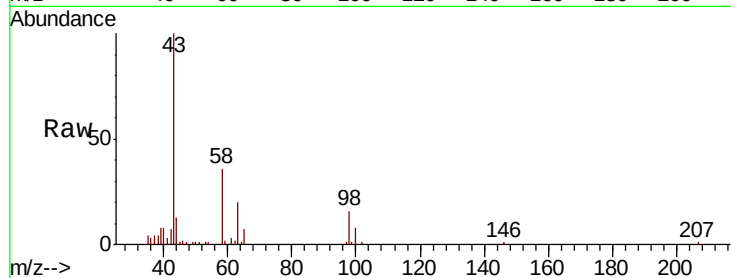
ClientSampled :

Tot Ion: 43 Resp: 22042

Ion Ratio Lower Upper

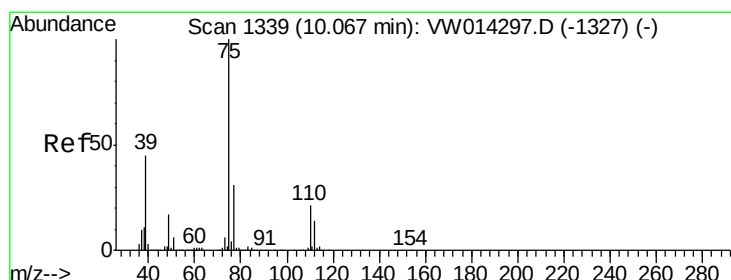
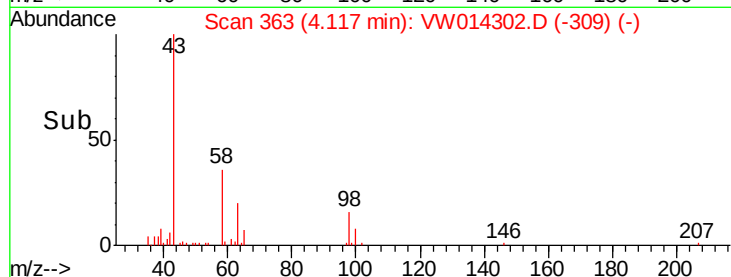
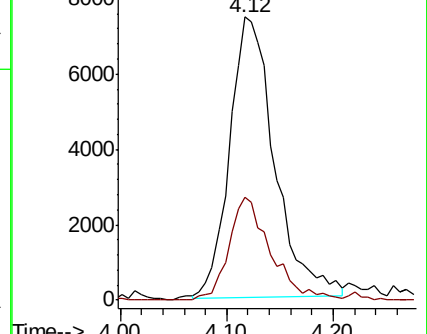
43 100

58 30.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.407 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

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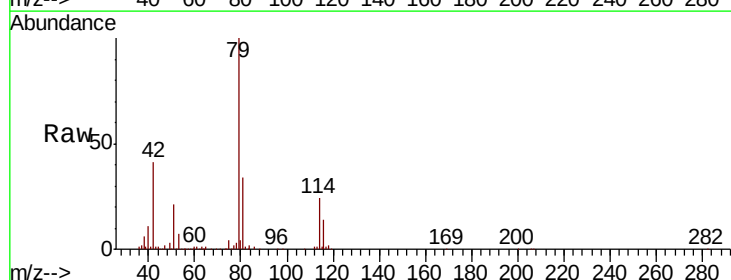
Acq: 11 Dec 2019 14:35

Tgt Ion: 75 Resp: 11812

Ion Ratio Lower Upper

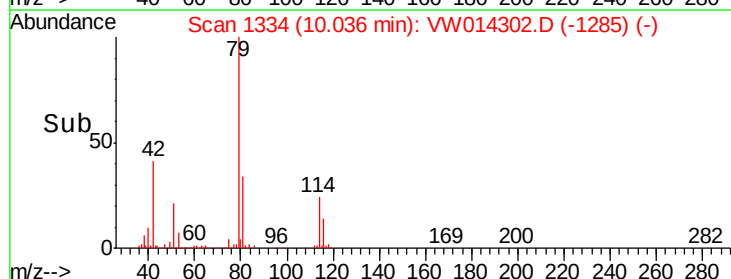
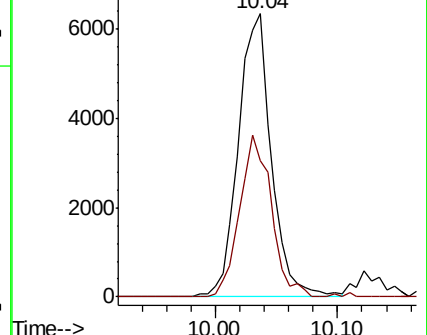
75 100

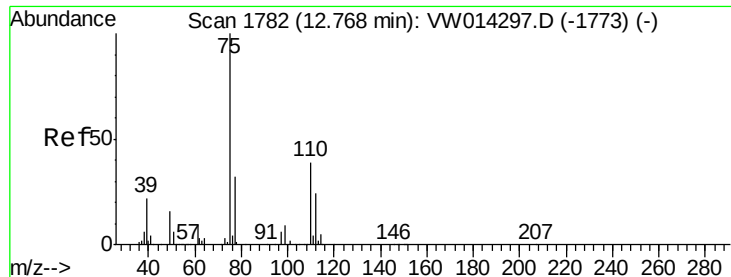
77 48.0 22.1 41.1#



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: 4.563 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014302.D

Acq: 11 Dec 2019 14:35

Instrument :

MSVOA_W

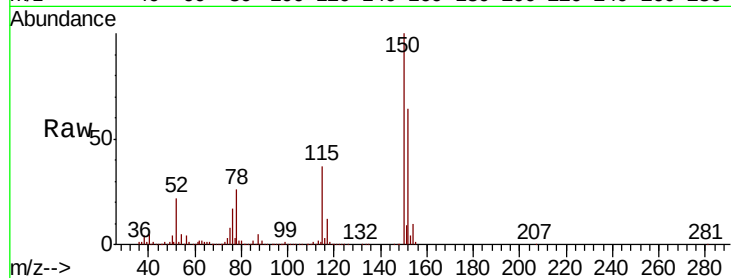
ClientSampleId :

Tot Ion: 75 Resp: 61047

Ion Ratio Lower Upper

75 100

77 34.5 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

