

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121219\
 Data File : VW014330.D
 Acq On : 12 Dec 2019 17:02
 Operator : SY/VA
 Sample : K6236-20
 Misc : 4.49G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFEW2

Manual Integrations
 APPROVED

apatel
 12/16/2019 1:08:00 PM

Quant Time: Dec 13 15:25:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 13 06:08:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1242737	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1052085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	439128	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	409976	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.16%
7) Chloroethane-d5	2.89	69	324281	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.01	63	577792	17.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.52%
20) 2-Butanone-d5	7.07	46	228348	46.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.12%
24) Chloroform-d	7.65	84	750938	23.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	8.31	65	403627	24.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.32%
29) Benzene-d6	8.27	84	1631613	26.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.84%
33) 1,2-Dichloropropane-d6	9.27	67	508440	26.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.20%
37) Toluene-d8	10.32	98	1406219	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.88%
38) trans-1,3-Dichloropropene-	10.57	79	183855	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.40%
39) 2-Hexanone-d5	10.92	63	178017	47.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	346525	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	413461	24.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.56%

Target Compounds					Ovalue
13) Acetone	4.12	43	54472	11.521 ug/L	99
16) Methylene chloride	4.90	84	82848m	4.349 ug/L	

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

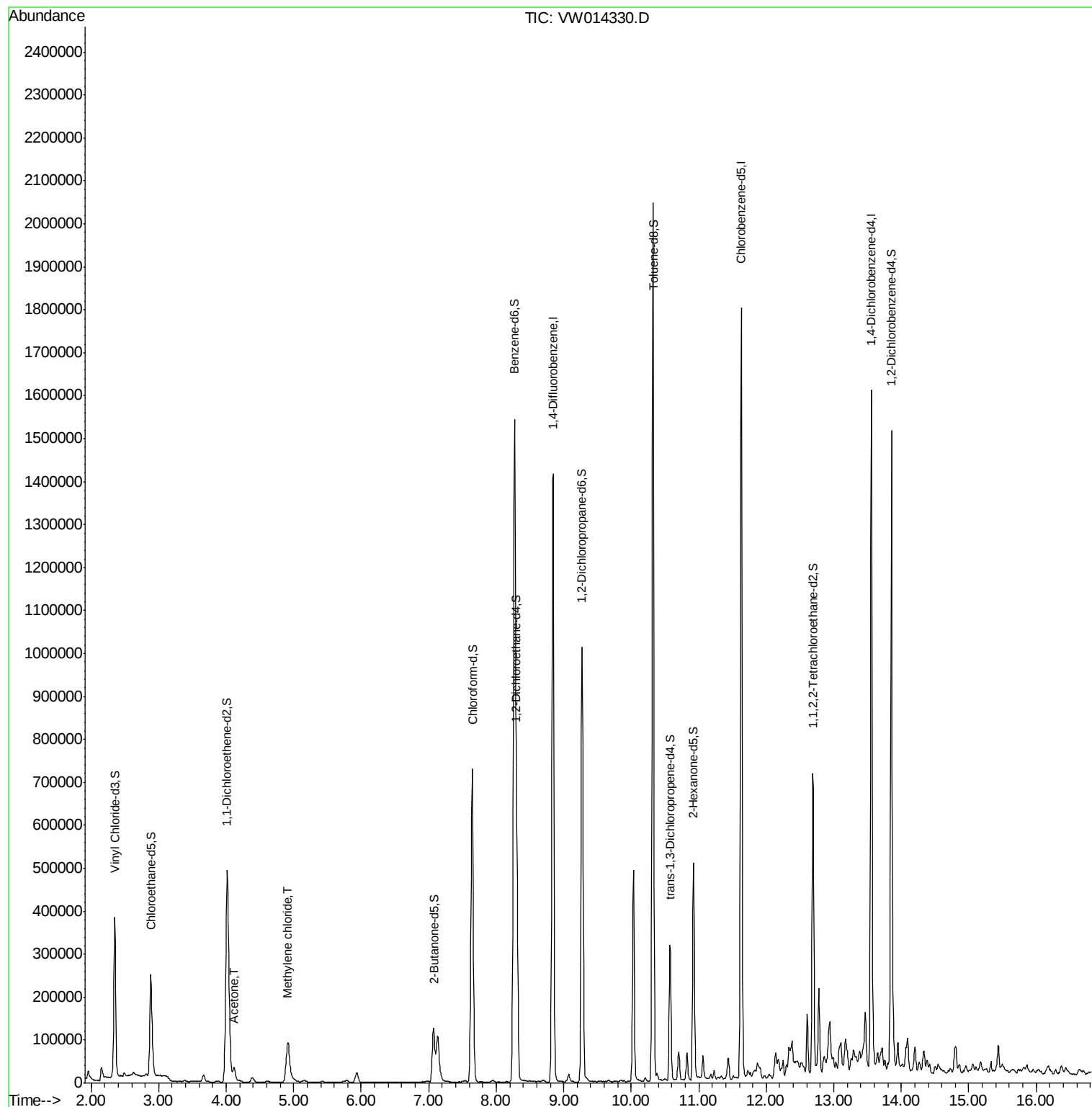
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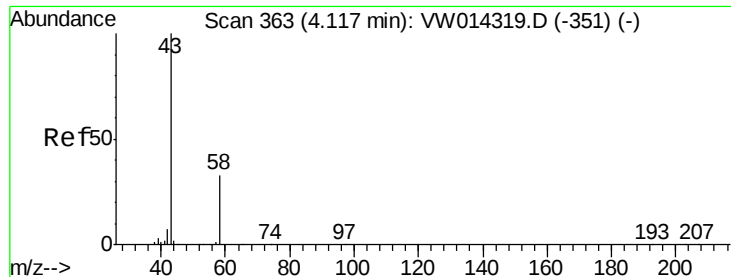
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#13

Acetone

Concen: 11.521 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW014330.D

Acq: 12 Dec 2019 17:02

Instrument :

MSVOA_W

ClientSampled :

BFEW2

Tot Ion: 43 Resp: 54472

Ion Ratio Lower Upper

43 100

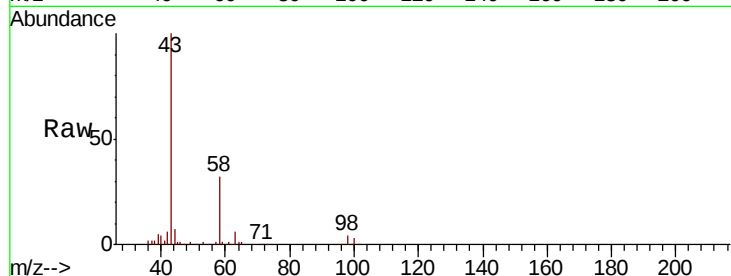
58 33.0 0.0 65.4

Manual Integrations

APPROVED

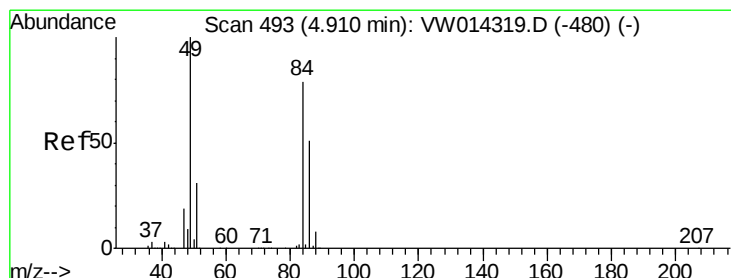
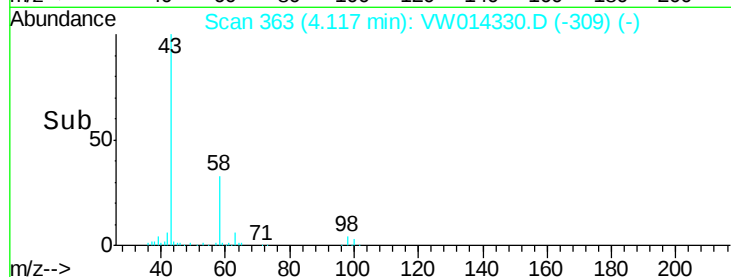
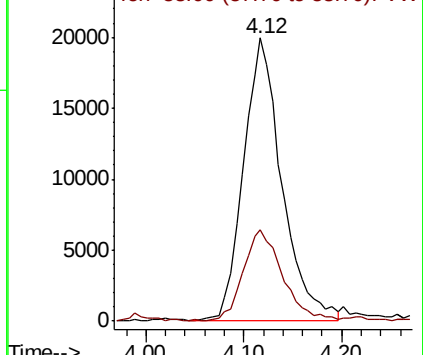
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 4.349 ug/L m

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW014330.D

Acq: 12 Dec 2019 17:02

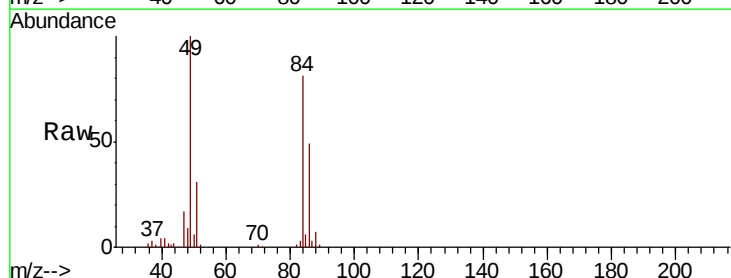
Tgt Ion: 84 Resp: 82848

Ion Ratio Lower Upper

84 100

49 123.3 84.2 156.4

86 60.0 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

