

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120919\
 Data File : VW014269.D
 Acq On : 09 Dec 2019 17:10
 Operator : SY/VA
 Sample : K6172-03RE
 Misc : 5.60G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BS9RE

Manual Integrations
 APPROVED

apatel
 12/10/2019 4:11:03 PM

Quant Time: Dec 10 08:07:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 10 07:34:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	305884	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276755	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	76997	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	97045	20.95	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.80%
7) Chloroethane-d5	2.89	69	84741	24.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.44%
10) 1,1-Dichloroethene-d2	4.01	63	135763	16.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.36%
20) 2-Butanone-d5	7.07	46	94439	78.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	156.48%#
24) Chloroform-d	7.65	84	236248	30.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.32%
26) 1,2-Dichloroethane-d4	8.31	65	156984m	38.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	153.80%#
29) Benzene-d6	8.27	84	445810	27.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.96%
33) 1,2-Dichloropropane-d6	9.27	67	167192	33.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	134.00%#
37) Toluene-d8	10.32	98	330068	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.00%
38) trans-1,3-Dichloropropene-	10.58	79	55884	26.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.76%
39) 2-Hexanone-d5	10.92	63	62108	62.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.18%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	158844	39.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.24%#
61) 1,2-Dichlorobenzene-d4	13.85	152	91262	31.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	124.08%#

Target Compounds					Ovalue
13) Acetone	4.12	43	18939	16.274 ug/L	97
16) Methylene chloride	4.92	84	13516m	2.882 ug/L	

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

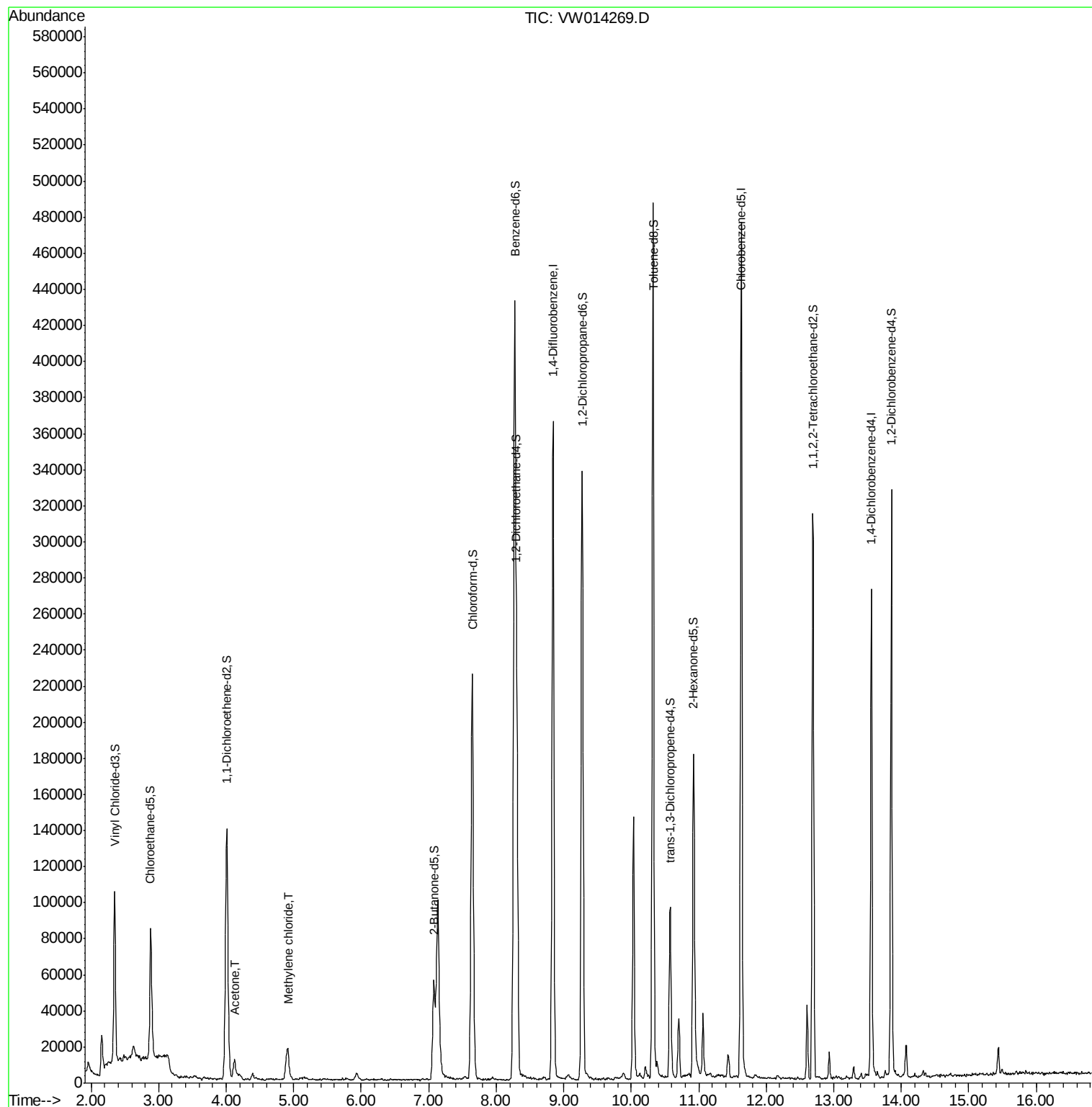
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW120919\
Data File : VW014269.D
Acq On : 09 Dec 2019 17:10
Operator : SY/VA
Sample : K6172-03RE
Misc : 5.60G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

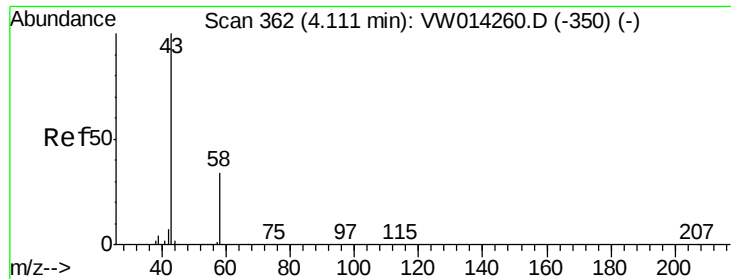
Instrument :
MSVOA_W
ClientSampleId :
C0BS9RE

Manual Integrations
APPROVED

apatel
12/10/2019 4:11:03 PM

Quant Time: Dec 10 08:07:03 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 10 07:34:10 2019
Response via : Initial Calibration





#13

Acetone

Concen: 16.274 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014269.D

Acq: 09 Dec 2019 17:10

Instrument :

MSVOA_W

ClientSampleId :

C0BS9RE

Tot Ion: 43 Resp: 18939

Ion Ratio Lower Upper

43 100

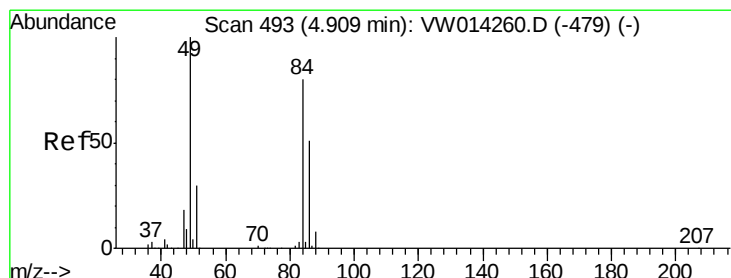
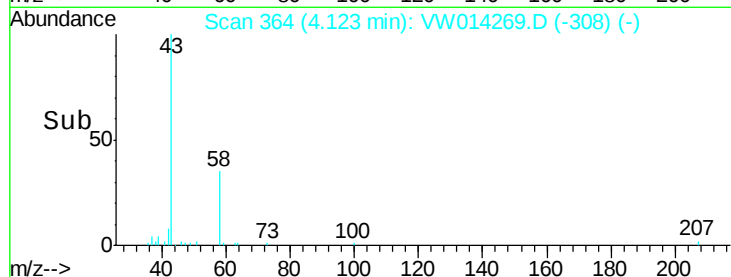
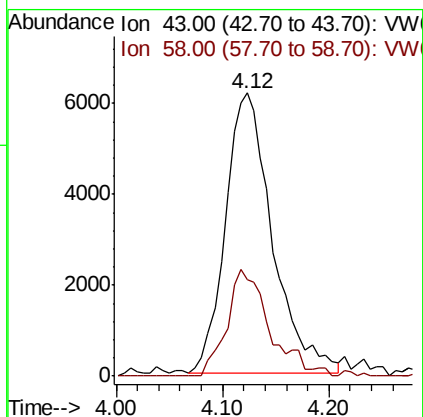
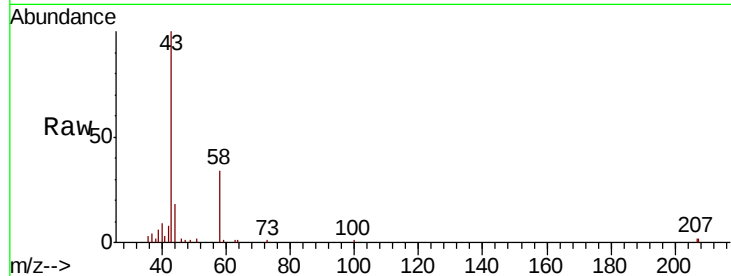
58 31.2 0.0 65.4

Manual Integrations

APPROVED

apatel

12/10/2019 4:11:03 PM



#16

Methylene chloride

Concen: 2.882 ug/L m

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW014269.D

Acq: 09 Dec 2019 17:10

Tgt Ion: 84 Resp: 13516

Ion Ratio Lower Upper

84 100

49 118.2 84.2 156.4

86 58.8 43.7 81.1

