Quantitation Report (Qedit)

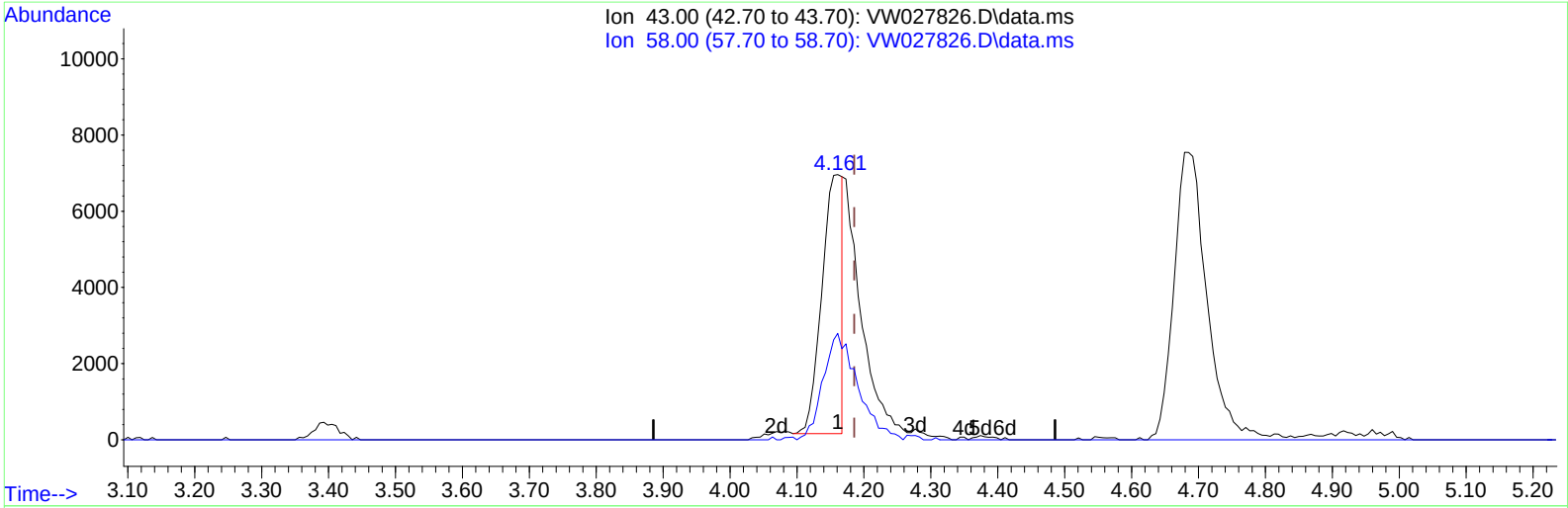
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122123\
Data File : VW027826.D
Acq On : 21 Dec 2023 17:03
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

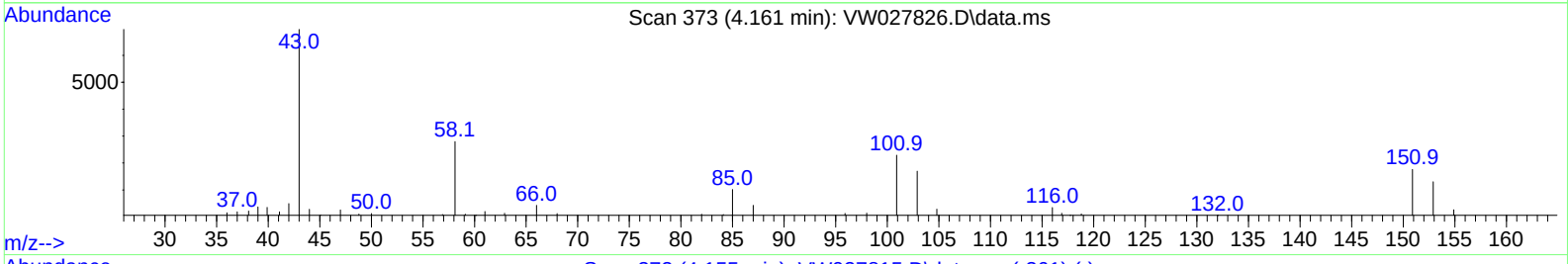
Quant Time: Dec 21 22:43:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

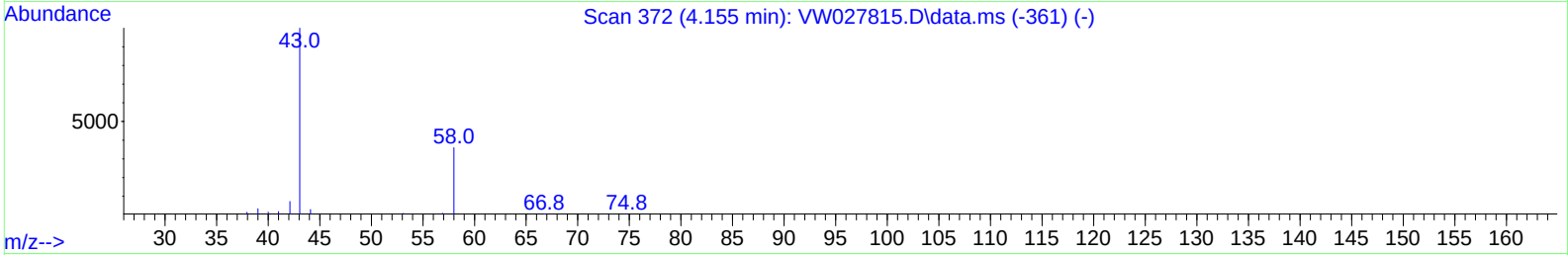
Instrument :
MSVOA_W
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/22/2023







TIC: VW027826.D\data.ms

(13) Acetone (T)

4.161min (-0.025) 20.33 ug/L

response 14605

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	34.30	66.85
0.00	0.00	0.00
0.00	0.00	0.00

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Quant Time: Dec 21 23:51:03 2023
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Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

Instrument :
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LabSampleId :
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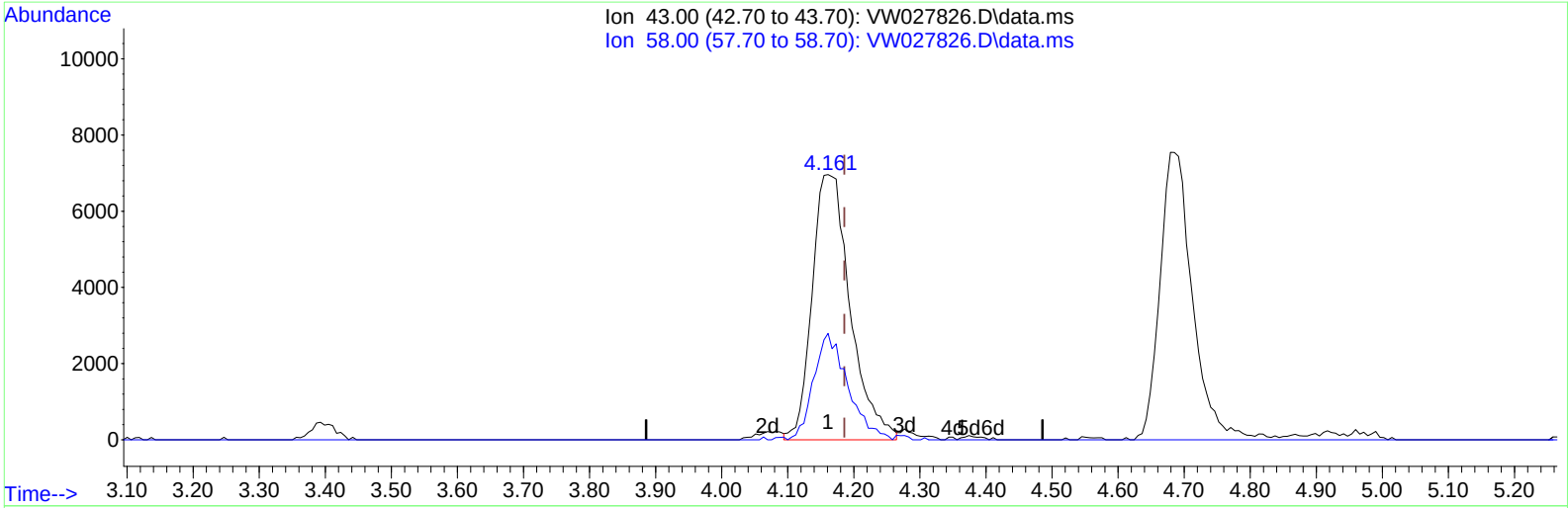

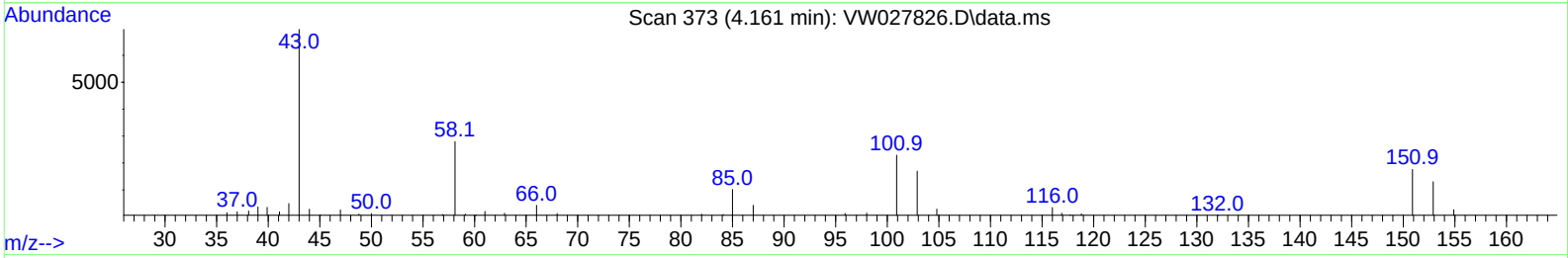

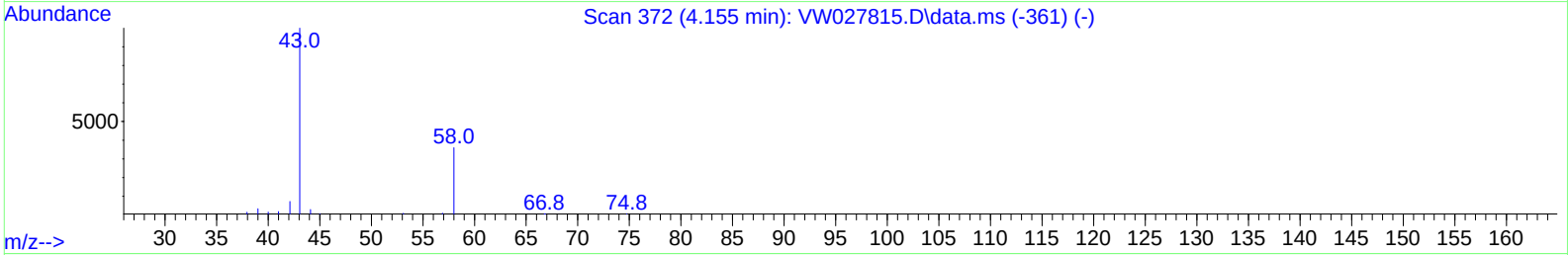

TIC: VW027826.D\data.ms

(13) Acetone (T)

4.161min (-0.025) 38.85 ug/L m

response 27911

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	34.30	34.98
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122123\
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Operator : SY/MD
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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LabSampleId :
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Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	328175	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	294672	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	149112	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	84515	18.184	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.720%			
7) Chloroethane-d5	2.899	69	68443	18.914	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.640%			
11) 1,1-Dichloroethene-d2	4.021	65	36381	19.545	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.160%			
21) 2-Butanone-d5	7.093	46	31556	39.872	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.740%			
24) Chloroform-d	7.648	84	172090	22.037	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.160%			
26) 1,2-Dichloroethane-d4	8.300	65	78312	21.358	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 85.440%			
32) Benzene-d6	8.276	84	360824	20.952	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 83.800%			
36) 1,2-Dichloropropane-d6	9.276	67	100509	20.600	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 82.400%			
41) Toluene-d8	10.318	98	344189	21.541	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.160%			
43) trans-1,3-Dichloroprop...	10.574	79	37866	20.045	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.200%			
47) 2-Hexanone-d5	10.922	63	28255	39.739	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.480%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78924	21.390	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.560%			
66) 1,2-Dichlorobenzene-d4	13.848	152	115038	21.553	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	77175	20.205	ug/L	99
3) Chloromethane	2.222	50	91394	20.314	ug/L	100
5) Vinyl chloride	2.369	62	112153	20.954	ug/L	98
6) Bromomethane	2.795	94	74495	21.866	ug/L	93
8) Chloroethane	2.936	64	62979	19.680	ug/L	97
9) Trichlorofluoromethane	3.271	101	114704	23.728	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	97072	23.639	ug/L	98
12) 1,1-Dichloroethene	4.045	96	93754	23.322	ug/L	89
13) Acetone	4.161	43	27911m	38.849	ug/L	
14) Carbon disulfide	4.386	76	289917	21.468	ug/L	99
15) Methyl Acetate	4.679	43	25268	19.467	ug/L	95
16) Methylene chloride	4.917	84	95911	18.639	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	97914	23.035	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	124598	22.170	ug/L	99
19) 1,1-Dichloroethane	6.221	63	159717	22.096	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	103045	23.028	ug/L	93
22) 2-Butanone	7.191	43	34396	36.053	ug/L	96
23) Bromochloromethane	7.514	128	45301	23.975	ug/L	96
25) Chloroform	7.679	83	164354	23.088	ug/L	97

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Instrument :
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LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	94562	22.657	ug/L		99
29) Cyclohexane	7.959	56	145925	20.930	ug/L		94
30) 1,1,1-Trichloroethane	7.874	97	142708	23.185	ug/L		98
31) Carbon tetrachloride	8.075	117	127198	23.481	ug/L		97
33) Benzene	8.325	78	383127	22.429	ug/L		100
34) Trichloroethene	9.093	95	105152	22.583	ug/L		99
35) Methylcyclohexane	9.337	83	187384	22.313	ug/L		97
37) 1,2-Dichloropropane	9.367	63	90117	21.855	ug/L		100
38) Bromodichloromethane	9.642	83	111752	22.297	ug/L		96
39) cis-1,3-Dichloropropene	10.068	75	137330	21.851	ug/L		100
40) 4-Methyl-2-pentanone	10.209	43	70418	39.073	ug/L		99
42) Toluene	10.385	91	418839	22.788	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	107983	21.818	ug/L		97
45) 1,1,2-Trichloroethane	10.788	97	66742	21.862	ug/L		98
46) Tetrachloroethene	10.861	164	83281	22.399	ug/L		98
48) 2-Hexanone	10.965	43	50617	37.733	ug/L		98
49) Dibromochloromethane	11.129	129	72979	22.856	ug/L		95
50) 1,2-Dibromoethane	11.233	107	64182	22.122	ug/L		98
51) Chlorobenzene	11.653	112	266438	22.690	ug/L		90
52) Ethylbenzene	11.727	91	469175	22.653	ug/L		95
53) m,p-Xylene	11.836	106	188334	23.674	ug/L		98
54) o-Xylene	12.166	106	170087	22.961	ug/L		99
55) Styrene	12.178	104	290572	23.269	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	75380	21.661	ug/L		97
59) Bromoform	12.348	173	42892	23.500	ug/L		98
60) Isopropylbenzene	12.458	105	486601	23.122	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	50728	20.412	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	389299	23.141	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	373923	22.580	ug/L		97
64) 1,3-Dichlorobenzene	13.495	146	213638	23.492	ug/L		82
65) 1,4-Dichlorobenzene	13.574	146	206182	22.571	ug/L		95
67) 1,2-Dichlorobenzene	13.866	146	181460	22.947	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.476	75	9745	19.629	ug/L	#	89
69) 1,3,5-Trichlorobenzene	14.622	180	136423	21.560	ug/L		93
70) 1,2,4-trichlorobenzene	15.122	180	111448	21.447	ug/L		90
71) Naphthalene	15.360	128	201331	21.864	ug/L		99
72) 1,2,3-Trichlorobenzene	15.543	180	94863	21.834	ug/L		96

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

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