Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072624\
Data File : VV036708.D
Acq On : 25 Jul 2024 15:26
Operator : SY/MD
Sample : P3328-07
Misc : 8.20g/10mL/MSVOA_V/SOIL/B
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 26 06:33:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 25 00:49:57 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
E1ZW2

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

07/26/2024
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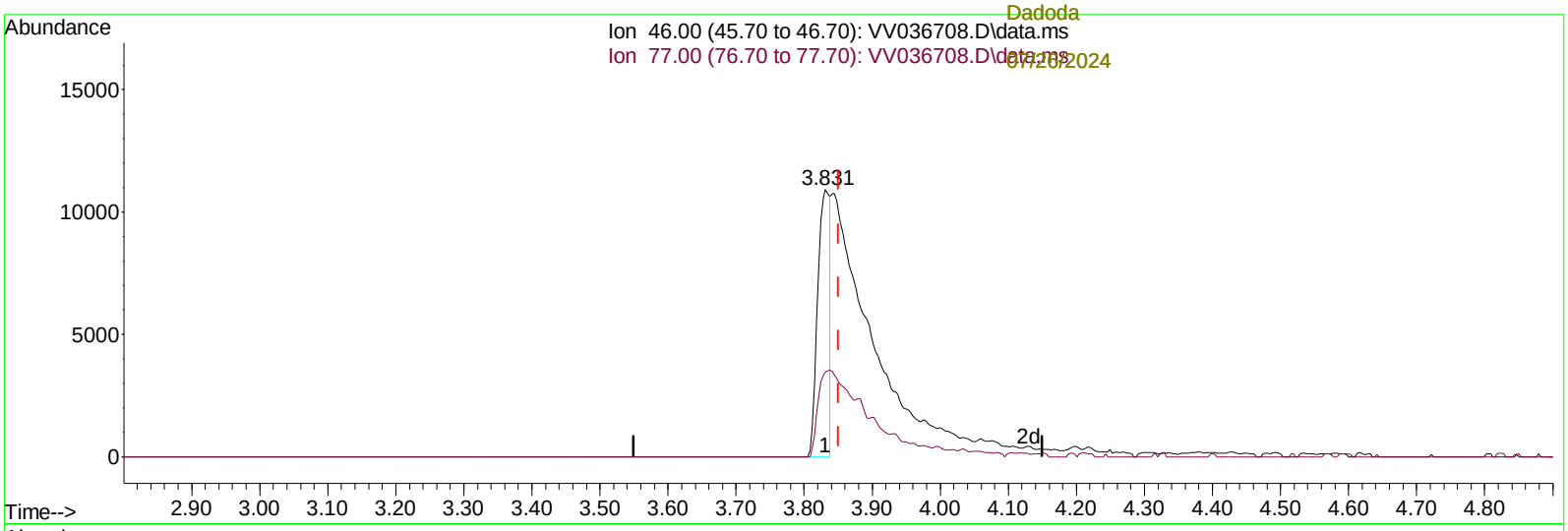

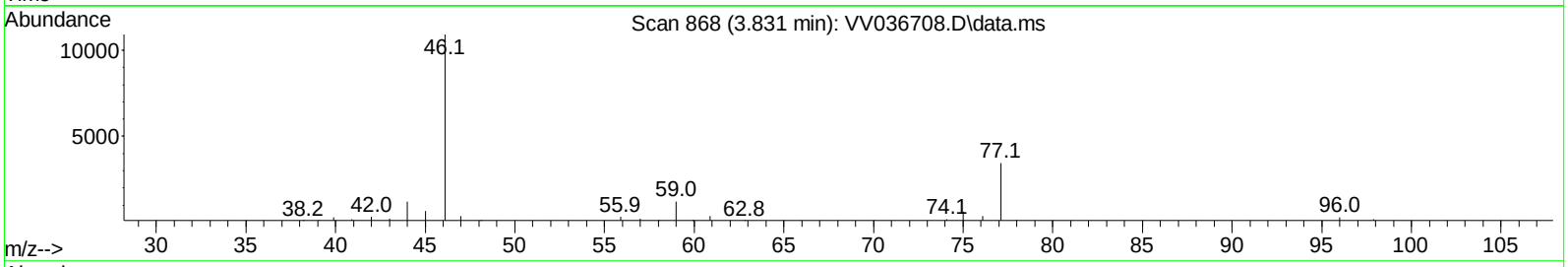

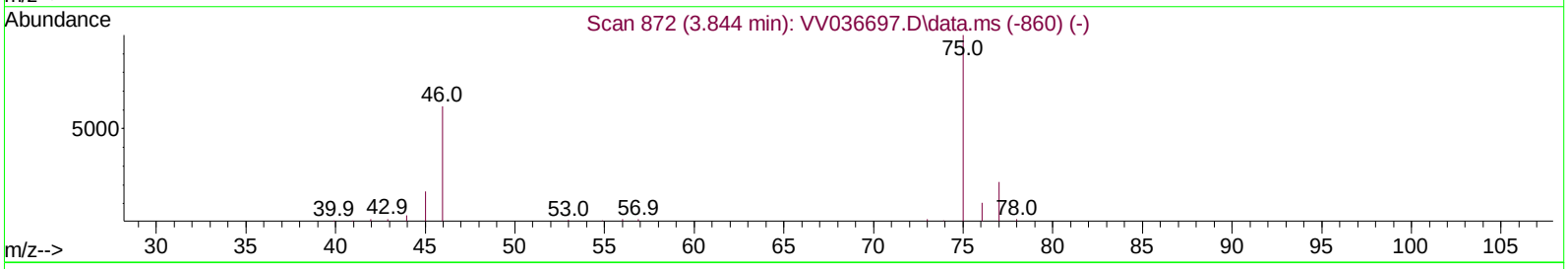

TIC: VV036708.D\data.ms

(21) 2-Butanone-d5 (S)

3.831min (-0.019) 10.25 ug/L

response 13584

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	8.90	76.75#
0.00	0.00	0.00
0.00	0.00	0.00

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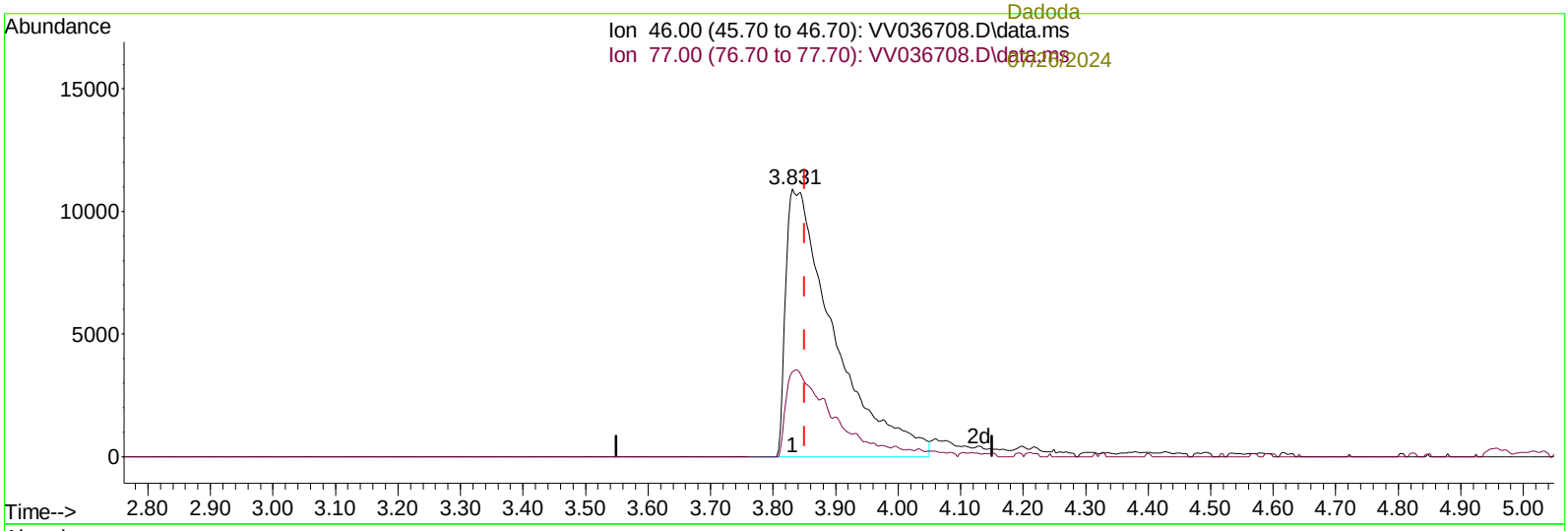

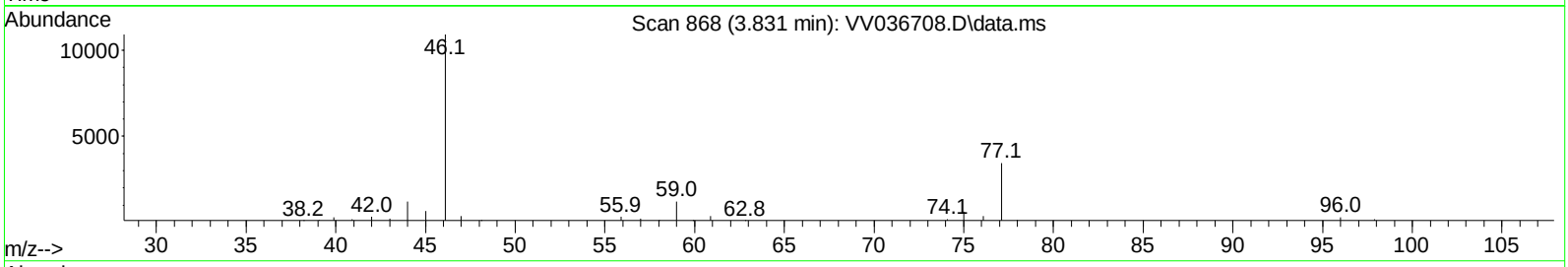

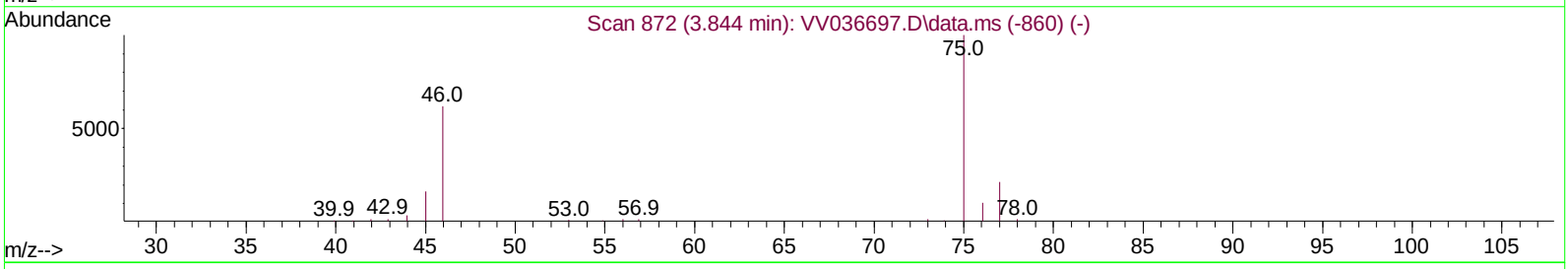

TIC: VV036708.D\data.ms

(21) 2-Butanone-d5 (S)

3.831min (-0.019) 43.99 ug/L m

response 58306

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	8.90	17.88#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	518576	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	505112	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	248870	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	56954	10.028	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	40.120%		
7) Chloroethane-d5	1.529	69	69521	13.552	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.200%		
11) 1,1-Dichloroethene-d2	2.050	65	30806	10.258	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	41.040%#		
21) 2-Butanone-d5	3.831	46	58306m	43.988	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.980%		
24) Chloroform-d	4.243	84	238103	17.361	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	69.440%		
26) 1,2-Dichloroethane-d4	4.940	65	128008	18.919	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.680%		
32) Benzene-d6	4.957	84	334036	13.953	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	55.800%		
36) 1,2-Dichloropropane-d6	5.985	67	124789	18.294	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	73.160%		
41) Toluene-d8	7.243	98	295683	12.943	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	51.760%		
43) trans-1,3-Dichloroprop...	7.554	79	52436	17.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	69.160%		
47) 2-Hexanone-d5	8.030	63	43883	48.341	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.680%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	138450	23.288	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	93.160%		
66) 1,2-Dichlorobenzene-d4	11.558	152	185537	21.356	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.440%		
Target Compounds						Qvalue
13) Acetone	2.156	43	62142	28.860	ug/L #	44
14) Carbon disulfide	2.233	76	12115	0.546	ug/L	100
34) Trichloroethene	5.838	95	16595	1.768	ug/L	95
35) Methylcyclohexane	6.043	83	9907	0.793	ug/L #	68
52) Ethylbenzene	8.950	91	23498	0.672	ug/L	100
53) m,p-Xylene	9.072	106	48661	3.566	ug/L	98
54) o-Xylene	9.484	106	7414	0.566	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	339803	14.304	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	1008177	41.925	ug/L	99

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

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